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## CONFIGURATION REPORT

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

**Odometer** 24926.6 miles  
**Publication Date** Dec 3, 2021, 11:22:03 AM

## ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | PART #     |
|-------|--------------------------------|----------|--------------|------------|
| PCM   | Powertrain Control Module      | CAN-C    | 68444228AE   | 68444228AE |
| ICS   | Integrated Center Stack        | CAN-I    | 6UX621X8AA   | 6UX621X8AA |
| RFH   | Radio Frequency Hub            | CAN-C    | 68453559AB   | 68453559AB |
| ESM   | Electronic Shifter             | CAN-C    | 68240089AM   | 68240089AM |
| ORC   | Occupant Restraint             | CAN-C    | 68453076AD   | 68453076AD |
| EPS   | Electric Power Steering        | CAN-C    | 68460392AA   | 68460392AA |
| HVAC  | Heat, Ventilation and A/C      | CAN-I    | 68447893AC   | 68447893AC |
| DDM   | Driver Door Module             | CAN-I    | 68424449AC   | 68424449AC |
| PDM   | Passenger Door Module          | CAN-I    | 68424448AC   | 68424448AC |
| DMRL  | Door Module Rear Left          | CAN-I    | 68225096AG   | 68225096AG |
| DMRR  | Door Module Rear Right         | CAN-I    | 68225096AG   | 68225096AG |
| PSDML | Power Sliding Doors (Left)     | CAN-I    | 68369596AD   | 68369596AD |
| PSDMR | Power Sliding Doors (Right)    | CAN-I    | 68369596AD   | 68369596AD |
| MSM   | Memory Seat Module             | CAN-I    | 68321862AC   | 68321862AC |
| PLGM  | Power Liftgate                 | CAN-I    | 68316094AF   | 68316094AF |
| CSWM  | Comfort Seat Wheel Module      | CAN-I    | 68434912AC   | 68434912AC |
| AMP   | Amplifier                      | CAN-I    | 68448067AA   | 68448067AA |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68434956AC   | 68434956AC |
| PTS   | Parktronics                    | CAN-C    | 68193775AJ   | 68193775AJ |
| SCCM  | Steering Column Control Module | CAN-C    | 68360889AD   | 68360889AD |
| BCM   | Body Controller                | CAN-C    | 68424601AE   | 68424601AE |

|       |                                    |       |            |  |            |
|-------|------------------------------------|-------|------------|--|------------|
| ACC   | Adaptive Cruise Control            | CAN-C | 68417813AF |  | 68417813AF |
| RADIO | Radio                              | CAN-I | 68461768AD |  | 68461768AD |
| OCM   | Occupant Classification            | CAN-C | 68403127AA |  | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB |  | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AB |  | 04672786AB |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AB |  | 04672786AB |
| FFCM  | Forward Facing Camera Module       | CAN-C | 68493395AA |  | 68493395AA |
| EDM   | External Disc Module               | CAN-I | 68378304AB |  | 68378304AB |
| APM   | Accessory Power Module             | CAN-C | 05185046AB |  | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 05193166AD |  | 05193166AD |
| HCP   | Hybrid Control Processor           | CAN-C | 05190265AF |  | 05190265AF |
| OBCM  | On Board Charging Module           | CAN-C | 05185047AE |  | 05185047AE |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC |  | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68316174AC |  | 68316174AC |
| VRM   | Video Routing Module               | CAN-I | 68376134AG |  | 68376134AG |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 6WL30DX9AA |  | 6WL30DX9AA |
| CVPM  | Central vision processing module   | CAN-I | 68375113AB |  | 68375113AB |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG |  | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05190266AF |  | 05190266AF |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68461813AA |  | 68461813AA |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68471122AD |  | 68471122AD |
| SGW   | Security Gateway Module            | CAN-C | 68447193AB |  | 68447193AB |

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

| ECU | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT | CVNS     |
|-----|--------------|------------------|------------------|-------|----------|
| PCM | USA          | 1B 47            | 46 03 01         | 4419  | 31D751B0 |
| ICS | USA          | 0F 0C 00         | 12 25 00         | 4700  |          |
| RFH | USA / USA    | 10 17 00         | 13 09 00         | 4A00  |          |
| ESM | USA / USA    | 0F 24 00         | 12 28 FF         | 4402  |          |
| ORC | USA / USA    | 12 1A 00         | 13 2E 00         | 4301  |          |
| EPS | USA / USA    | 12 2A 00         | 12 1E 01         | 4502  |          |

|       |                              |          |          |      |                                  |
|-------|------------------------------|----------|----------|------|----------------------------------|
| HVAC  | USA                          | 0E 09 00 | 13 05 01 | 4401 |                                  |
| DDM   | USA                          | 11 07 00 | 13 0B 00 | 4202 |                                  |
| PDM   | USA                          | 11 07 00 | 13 0B 00 | 4202 |                                  |
| DMRL  | USA / USA                    | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| DMRR  | USA / USA                    | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| PSDML | USA / USA                    | 10 17 00 | 14 10 12 | 4001 |                                  |
| PSDMR | USA / USA                    | 10 17 00 | 14 10 12 | 4001 |                                  |
| MSM   | USA                          | 0F 2B 00 | 10 27 03 | 4101 |                                  |
| PLGM  | USA                          | 17 19 00 | 18 22 00 | 4202 |                                  |
| CSWM  | USA                          | 11 2A 00 | 13 2C 00 | 4302 |                                  |
| AMP   | USA                          | 0F 06 01 | 12 2E 01 | 4021 |                                  |
| IPC   | USA / USA                    | 12 06 00 | 13 27 00 | 4704 |                                  |
| PTS   | USA                          | 0E 32 00 | 12 1F 00 | 4311 |                                  |
| SCCM  | USA                          | 13 28 00 | 13 29 00 | 4301 |                                  |
| BCM   | USA                          | 0D 11 00 | 13 2C 90 | 4415 |                                  |
| ACC   | USA / USA                    | 14 12 01 | 14 1D 01 | 4400 |                                  |
| RADIO | USA                          | 13 31 14 | 13 31 14 | 8205 |                                  |
| OCM   | USA / USA                    | 11 1F 01 | 0E 2F 02 | 4030 |                                  |
| HVACR | USA                          | 0E 09 00 | 10 03 02 | 4301 |                                  |
| LBSS  | USA / USA                    | 11 30 02 | 12 0D 00 | 4202 |                                  |
| RBSS  | USA / USA                    | 11 30 02 | 12 0D 00 | 4202 |                                  |
| FFCM  | USA / USA                    | 11 06 00 | 13 1E 00 | 4102 |                                  |
| EDM   | USA                          | 12 0A 00 | 11 08 00 | 4000 |                                  |
| APM   | USA / USA                    | 11 32 00 | 11 32 00 | 4001 |                                  |
| BPCM  | Not programmed / COUNTRY_SNA | 0E 03 00 | 13 18 03 | 4005 | F5BC8401                         |
| HCP   | USA                          | 11 1F 04 | 19 48 01 | 4005 | 6AE19B37<br>847169A3<br>050DC953 |
| OBCM  | USA                          | 0F 0D 00 | 12 02 00 | 4002 |                                  |
| MSMP  | USA                          | 0F 2B 00 | 10 27 03 | 4001 |                                  |
| DSM   | USA / USA                    | 13 29 00 | 12 23 00 | 4000 |                                  |
| VRM   | USA / USA                    | 0F 1C 00 | 13 26 11 | 4001 |                                  |
| RCCC  | USA                          | 0F 1D 00 | 13 04 00 | 4000 |                                  |
| CVPM  | USA / USA                    | 11 32 01 | 12 33 00 | 4003 |                                  |
| EAC   | USA                          | 0E 34 00 | 12 0F 00 | 4102 |                                  |
| AHCP  | USA                          | 11 1F 04 | 19 48 01 | 4000 |                                  |
| EBBM  | USA                          | 0E 19 02 | 12 31 17 | 4000 | AD6A1E22                         |
| ABSO  | USA                          | 0E 15 02 | 14 1B 26 | 4201 | 4F158D1B                         |
| SGW   |                              | 5        | 779      | 4103 |                                  |

## CONFIGURATION

### PCM CONFIGURATION

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Secondary Mass Airflow Sensor Equipped  | False |       |
| Active Exhaust Pressure Sensor Equipped | False |       |

|                                                |              |  |
|------------------------------------------------|--------------|--|
| Electronic Parking Brake Equipped              | True         |  |
| Active Exhaust Valve(s) Equipped               | False        |  |
| High Side Port Tumble Valve Equipped           | False        |  |
| Aux Coolant Pump Heater Equipped               | False        |  |
| Heater Temp Control Valve Equipped             | False        |  |
| Mechanical Coolant Pump Equipped               | False        |  |
| Wastegate HBridge Equipped                     | False        |  |
| Remote Start Present                           | Present      |  |
| 2.0 Liter I4 Direct Injection Engine           | False        |  |
| Coolant On-Off Pump Equipped                   | Not Equipped |  |
| 1.0 Liter I3 Engine                            | False        |  |
| Primary Lin Alternator Equipped                | Not Equipped |  |
| Variable Valve Lift Equipped                   | Not Equipped |  |
| Dual Fuel Tank Equipped                        | False        |  |
| Auxillary Coolant Pump Equipped                | False        |  |
| Cooled EGR Equipped                            | False        |  |
| Dual Alternator Gen1 Capable                   | False        |  |
| A/C Relay Powered from Engine Switched Battery | False        |  |
| Supercharger Equipped                          | False        |  |
| Low Temp Radiator Coolant Pump Equipped        | False        |  |
| PTO System Equipped                            | False        |  |
| CNG Large Gas Tank Equipped                    | False        |  |
| HPT 6-Speed Trans Equipped                     | False        |  |
| Hybrid MEC Shifter Equipped                    | False        |  |
| Engine Idle Shutoff Equipped                   | False        |  |
| ZF 9-Speed Trans Equipped                      | False        |  |
| MDS Equipped                                   | False        |  |
| Variable Speed Fuel Pump Equipped              | True         |  |
| ERS Equipped Indicator                         | False        |  |
| O2 Sensor Bank 1 Sensor 1 Equipped             | True         |  |
| GPEC2 Equipped                                 | False        |  |
| ESIM Equipped                                  | False        |  |
| Intake Cam 2 Equipped                          | True         |  |
| Engine Stop Start Equipped                     | False        |  |
| Trans Skip Shift Equipped                      | False        |  |
| VFS Actuators Available Indicator              | False        |  |
| Transmission Oil Heater Equipped               | False        |  |
| Secondary Air Equipped                         | False        |  |
| 3.5 Liter V6 Engine                            | False        |  |
| O2 Sensor Bank 2 Sensor 2 Equipped             | True         |  |
| PWM Fan Motor System Equipped                  | True         |  |
| 1 Speed Fan Mechanical Relay System Equipped   | False        |  |
| Vehicle Speed Sensor #1 Calculated from CAN    | False        |  |
| 4.0 Liter I6 Engine                            | False        |  |

|                                                          |           |  |
|----------------------------------------------------------|-----------|--|
| 6.1 Liter V8 Engine                                      | False     |  |
| Active Engine Mount Equipped                             | False     |  |
| Primary Lin Alternator Equipped                          | False     |  |
| Auxiliary Heater Electric Water Pump Equipped            | False     |  |
| Sensorless FFV Enabled                                   | False     |  |
| Throttle Inlet Temp Sensor Equipped                      | False     |  |
| Electronic Automatic Transmission (EATX) Equipped        | False     |  |
| WI4 Intake Flow Control Valve Equipped                   | False     |  |
| Wide Range O2 Sensor 1/1 Equipped                        | False     |  |
| 2.7 Liter V6 Engine                                      | False     |  |
| GPEC2A Equipped                                          | True      |  |
| Auxiliary Coolant Pump Heater Equipped                   | Undefined |  |
| Active Grille Shutter Equipped                           | False     |  |
| Cooled EGR Equipped                                      | False     |  |
| GPEC4 Equipped                                           | False     |  |
| Unleaded diesel fuel                                     | False     |  |
| PTO System Equipped                                      | False     |  |
| Supercharger Equipped                                    | False     |  |
| WI4 Variable Valve Timing Equipped                       | True      |  |
| Oil Pressure Sensor Enabled                              | True      |  |
| Low Temperature Radiator Coolant Pump Equipped           | False     |  |
| High Side Port Tumble Valve Equipped                     | Undefined |  |
| Fiat VIN Learning Strategy Equipped                      | False     |  |
| ICC Cruise Equipped                                      | False     |  |
| Starter Relay 2 Equipped                                 | False     |  |
| ZF 9-Speed Transmission Equipped                         | False     |  |
| Next Gen Bus Equipped                                    | False     |  |
| Humidity, Temperature and Pressure Sensor (LIN) Equipped | False     |  |
| 3.0 Liter V6 Engine                                      | False     |  |
| 3.6 Liter V6 Engine                                      | True      |  |
| Mechanical Coolant Pump Heater Equipped                  | False     |  |
| Active Exhaust Pressure Sensor Equipped                  | False     |  |
| VMM Equipped                                             | False     |  |
| Dual Fuel Pressure Sensor Equipped                       | False     |  |
| Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped     | False     |  |
| Exhaust Cam 1 Equipped                                   | True      |  |
| Trans Reverse Lockout Equipped                           | False     |  |
| Fan Wake Up Relay System Equipped                        | False     |  |
| 66RFE / 68RFE                                            | False     |  |
| Wastegate H-Bridge Equipped                              | Undefined |  |
| Brake Pedal Sensor Equipped                              | False     |  |
| Viscosity Sensor Equipped                                | False     |  |
| Coolant On-Off Pump Equipped                             | False     |  |
| AC Equipped                                              | False     |  |

|                                                      |           |  |
|------------------------------------------------------|-----------|--|
| 6.4 Liter V8 Engine                                  | False     |  |
| Secondary Fuel Pump Equipped                         | False     |  |
| 3.7 Liter V6 Engine                                  | False     |  |
| Linear PWM Fan Relay System Equipped                 | False     |  |
| CMCV H-Bridge Equipped                               | Undefined |  |
| Operator Idle Speed Request Equipped                 | False     |  |
| Tumble Generator Valve Equipped                      | False     |  |
| Electric Thermostat Heater Equipped                  | False     |  |
| CUSW PROXI Write Programming Support Enabled         | False     |  |
| Electronic Throttle Control Equipped                 | True      |  |
| VLP Is Learnable Indicator                           | False     |  |
| AC Equipped Over Bus                                 | False     |  |
| 2.0 Liter W14 engine                                 | False     |  |
| 1.0 Liter I3 Engine                                  | False     |  |
| Electric Coolant Valve Equipped                      | False     |  |
| Engine Software In Package                           | True      |  |
| Adaptive Cruise Control Hardware Equipped            | False     |  |
| Duty Cycle Purge Valve Equipped                      | True      |  |
| GPEC3 Equipped                                       | False     |  |
| Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped | False     |  |
| 40TE / 41TE / 41TEA                                  | False     |  |
| 45RFE / 545RFE / 65RFE                               | False     |  |
| Coolant On-Off Valve Equipped                        | False     |  |
| Turbocharger Equipped                                | False     |  |
| EMAT (Getrag DCT transmission) Equipped              | False     |  |
| Adaptive Cruise Control Equipped                     | True      |  |
| Dual Stage Oil Pump Equipped                         | True      |  |
| 2.4 Liter W14 engine                                 | False     |  |
| Power Steering Switch Equipped                       | False     |  |
| O2 Sensor Bank 2 Sensor 1 Equipped                   | True      |  |
| Police Package Equipped                              | False     |  |
| 3 Speed Fan Mechanical Relay System Equipped         | False     |  |
| Engine Idle Shutoff Equipped                         | False     |  |
| Fixed displacement AC Equipped                       | True      |  |
| Clutch Interlock Switch Equipped                     | False     |  |
| Intake Cam 1 Equipped                                | True      |  |
| 3.8 Liter V6 Engine                                  | False     |  |
| Electronic Coolant Pump Equipped                     | False     |  |
| TIP Equipped                                         | False     |  |
| Aisin 6-Speed RWD Transmission Equipped              | False     |  |
| 4 Speed Automatic Transmission Equipped              | False     |  |
| Variable Displacement AC Equipped                    | False     |  |
| Active Exhaust Valve Equipped                        | False     |  |
| Exhaust Cam 2 Equipped                               | True      |  |

|                                                                  |                                  |  |
|------------------------------------------------------------------|----------------------------------|--|
| Turbine Volute Valve Actuator Equipped                           | Undefined                        |  |
| TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED                                | True                             |  |
| Buffered Crank Output for PHEV Engine Pulse Calculation Equipped | True                             |  |
| Constant Heater Temperature Control Valve Equipped               | False                            |  |
| Continuous Variable Transmission Equipped                        | False                            |  |
| 3.3 Liter V6 Engine                                              | False                            |  |
| Brushless PWM Fan Equipped                                       | NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG |  |
| Electric Water Pump Equipped                                     | False                            |  |
| 1.8 Liter W14 engine                                             | False                            |  |
| 4.7 Liter V8 Engine                                              | False                            |  |
| Compressed Natural Gas Equipped                                  | False                            |  |
| 3.2 Liter V6 Engine                                              | False                            |  |
| Vehicle Speed Sensor #1 Calculated by ECU                        | False                            |  |
| SRV Equipped                                                     | False                            |  |
| 62TE                                                             | False                            |  |
| Battery Temp Sensor Equipped                                     | False                            |  |
| HPT 6-Speed Transmission Equipped                                | False                            |  |
| DUAL_ALTERNATOR_GEN1_LEARNEDCOPY                                 | False                            |  |
| CUSW (29-Bit) Equipped                                           | False                            |  |
| Inrush Current Reduction Relay Equipped                          | False                            |  |
| Dual Speed Fuel Pump Equipped                                    | False                            |  |
| CUSW (11-Bit) Equipped                                           | False                            |  |
| Shift Indicator Lamp Equipped                                    | False                            |  |
| VLP Equipped Indicator                                           | False                            |  |
| 2 Speed Fan PWM Relay System Equipped                            | False                            |  |
| 4 Button Integrated Cruise Control                               | False                            |  |
| Direct Injection Equipped                                        | False                            |  |
| Electronic Vacuum Pump Equipped                                  | False                            |  |
| Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped             | False                            |  |
| Hybrid Electric Vehicle Equipped                                 | True                             |  |
| 6.2 Liter V8 Engine                                              | False                            |  |
| 5.7 Liter V8 Engine                                              | False                            |  |
| Wide Range O2 Sensor 2/1 Equipped                                | False                            |  |
| Cummins Equipped                                                 | False                            |  |
| Fiat 940 Compact Equipped                                        | False                            |  |
| A/C Equipped                                                     | True                             |  |
| Knock Sensor 1 Equipped                                          | True                             |  |
| Yaw Rate Sensor ESC Equipped                                     | False                            |  |
| Unleaded Gasoline Fuel                                           | True                             |  |
| Port Flap Valve Equipped                                         | False                            |  |
| Barometric Sensor Equipped                                       | False                            |  |
| Auxiliary Coolant Pump Equipped                                  | False                            |  |
| O2 Sensor Bank 1 Sensor 2 Equipped                               | True                             |  |
| 42RLE                                                            | False                            |  |

|                                                                    |       |      |
|--------------------------------------------------------------------|-------|------|
| MTV Solenoid Equipped                                              | False |      |
| Rear Heater Equipped                                               | False |      |
| Transmission Software Included                                     | False |      |
| O2 Sensor Bank 1 Sensor 3 Equipped                                 | False |      |
| ETC Cruise equipped                                                | False |      |
| Dual Fuel Tank Equipped                                            | False |      |
| 2 Speed Fan 3 Driver 3 Relay System Equipped                       | False |      |
| MultiAir Equipped                                                  | False |      |
| Linear EGR Equipped                                                | False |      |
| Powernet Equipped                                                  | True  |      |
| Linear Purge Equipped                                              | False |      |
| Buffered Crank Output for ANC (Active Noise Cancellation) Equipped | True  |      |
| 2 Speed Fan Mechanical Relay System Equipped                       | False |      |
| Knock Sensor 2 Equipped                                            | True  |      |
| Engine Oil Heater Cooler Equipped                                  | True  |      |
| Bi-Directional Crank Sensor Equipped                               | True  |      |
| Dual Fuel Pressure Sensor Equipped                                 | False |      |
| CUSW 4-Button Cruise Equipped                                      | False |      |
| Make Up Air Sensor Equipped                                        | False |      |
| Cylinder Pressure Sensor Equipped                                  | False |      |
| Throttle Inlet Temp Sensor Equipped                                | False |      |
| 5 Button Cruise (LIN) Equipped                                     | True  |      |
| Brake Pedal Sensor Equipped                                        | False |      |
| Power Steering Angle Sensor Mandatory                              | False |      |
| INTAKE O2 SENSOR EQUIPPED                                          | False |      |
| LIN Humidity, Temp, and Pressure Sensor Equipped                   | False |      |
| Operator Idle Speed Request Equipped                               | False |      |
| SWAP HARDWIRED BRAKE SWITCH INPUTS                                 | False |      |
| Clutch Sensor Equipped                                             | False |      |
| Mass Airflow System Equipped                                       | False |      |
| Engine Oil Pressure Sensor Type                                    | 255   | None |

## ICS CONFIGURATION

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

## RFH CONFIGURATION

| NAME                                                | VALUE            | UNITS |
|-----------------------------------------------------|------------------|-------|
| Hardware Configuration: Trunk Door Handle H/W       | Simple Switch AP |       |
| Hardware Configuration: Remote Start Antenna        | Present          |       |
| Hardware Configuration: Front Right Door Handle H/W | Serial AP        |       |
| Hardware Configuration: Front Left Door Handle H/W  | Serial AP        |       |

|                                                          |                              |  |
|----------------------------------------------------------|------------------------------|--|
| Hardware Configuration: Rear Right Door Handle H/W       | No AP                        |  |
| Hardware Configuration: Rear Left Door Handle H/W        | No AP                        |  |
| Valid Key In Ignition                                    | Yes                          |  |
| Fob Location #3 Successfully Programmed                  | Yes                          |  |
| Fob Location #5 Key sense status                         | Fob is NOT Key Sense         |  |
| Secret Key Sent to Body Controller - Original attempt    | Yes                          |  |
| Fob Location #7 Key sense status                         | Fob is NOT Key Sense         |  |
| Fob Location #3 Key sense status                         | Fob is Key Sense             |  |
| Fob Location #7 Successfully Programmed                  | No                           |  |
| Fob Location #6 Successfully Programmed                  | No                           |  |
| Fob Location #5 Successfully Programmed                  | No                           |  |
| Fob Location #8 Key sense status                         | Fob is NOT Key Sense         |  |
| PIN Successfully Programmed                              | Yes                          |  |
| RFHub Locked                                             | RFHUB Locked after IAC write |  |
| Fob Location #1 Key sense status                         | Fob is NOT Key Sense         |  |
| Fob Location #4 Key sense status                         | Fob is NOT Key Sense         |  |
| Fob Location #6 Key sense status                         | Fob is NOT Key Sense         |  |
| Fob Location #1 Successfully Programmed                  | Yes                          |  |
| Secret Key Sent to Body Controller - Most recent attempt | Yes                          |  |
| Fob Location #2 Successfully Programmed                  | Yes                          |  |
| Fob Location #4 Successfully Programmed                  | No                           |  |
| Fob Location #2 Key sense status                         | Fob is NOT Key Sense         |  |
| VIN Successfully Programmed                              | Yes                          |  |
| Fob Location #8 Successfully Programmed                  | No                           |  |
| Base TPM                                                 | False                        |  |
| Auto Park Present                                        | True                         |  |
| e-shifter present                                        | True                         |  |
| Secret Codes Programmed                                  | True                         |  |
| KeySense Configuration                                   | True                         |  |
| Ignition system type connected                           | KIN system                   |  |
| RKE                                                      | True                         |  |
| Remote Start Present                                     | True                         |  |
| \$0214 Programmed by                                     | Programmed by Supplier EOL   |  |
| TPM Auto-Locate Enabled                                  | True                         |  |
| Keyless Go                                               | True                         |  |
| Passive Entry                                            | True                         |  |
| Hybrid Type                                              | PHEV                         |  |
| Module Configuration Status                              | True                         |  |
| Premium TPM                                              | True                         |  |
| Back Up ECU Configuration 16                             | True                         |  |
| Back Up ECU Configuration 14                             | True                         |  |
| Back Up ECU Configuration 7                              | True                         |  |
| Back Up Vehicle Config 1                                 | True                         |  |
| Back Up ECU Configuration 10                             | True                         |  |

|                                              |      |  |
|----------------------------------------------|------|--|
| Back Up ECU Configuration 11                 | True |  |
| Back Up Vehicle Config 4                     | True |  |
| Back Up Vehicle Config 3                     | True |  |
| Back Up Customer Settings Menu 1 (CSM1)      | True |  |
| Back Up ECU Configuration 2                  | True |  |
| Back Up ECU Configuration 1                  | True |  |
| Back Up ECU Configuration 9                  | True |  |
| Back Up Programmed ECUs: Cabin Network       | True |  |
| Back Up Vehicle Config 5                     | True |  |
| Back Up ECU Configuration 3                  | True |  |
| Back Up Customer Settings Menu 2 (CSM2)      | True |  |
| Back Up Vehicle Config 6                     | True |  |
| Back Up ECU Configuration 12                 | True |  |
| Back Up Programmed ECUs: P/T Chassis Network | True |  |
| Back Up ECU Configuration 4                  | True |  |
| Back Up ECU Configuration 17                 | True |  |
| Back Up ECU Configuration 8                  | True |  |
| Back Up ECU Configuration 13                 | True |  |
| Back Up Vehicle Config 7                     | True |  |
| Back Up ECU Configuration 5                  | True |  |
| Back Up Vehicle Config 2                     | True |  |
| Back Up ECU Configuration 15                 | True |  |
| Back Up ECU Configuration 6                  | True |  |

## ORC CONFIGURATION

| NAME                                      | VALUE          | UNITS |
|-------------------------------------------|----------------|-------|
| First Row Driver Seatbelt Buckle Switch   | Configured     |       |
| Driver Seat Track Position Sensor         | Configured     |       |
| Second Row Left Seat Side Airbag          | Not Configured |       |
| Rollover Sensing                          | Configured     |       |
| Passenger Seatbelt Retractor Pretensioner | Configured     |       |
| Passenger Seatbelt Anchor Pretensioner    | Configured     |       |
| Driver Seatbelt Anchor Pretensioner       | Configured     |       |
| Left Side Seat Squib 1                    | Configured     |       |
| Driver Frontal Squib 3                    | Configured     |       |
| Passenger Seatbelt Load Limiter           | Configured     |       |
| Passenger Occupant Detection Sensor       | Not Configured |       |
| Passenger Seatbelt Buckle Pretensioner    | Not Configured |       |
| Second Row Left seat belt Switch          | Not Configured |       |
| Left B-Pillar Impact Acceleration Sensor  | Configured     |       |
| Right Up-Front Acceleration Sensor        | Configured     |       |
| Configuration Column Identifier           | A3             |       |
| Passenger Airbag Disable Indicator        | Not Configured |       |
| Passenger Frontal Squib 1                 | Configured     |       |

|                                            |                |  |
|--------------------------------------------|----------------|--|
| Driver Frontal Squib 1                     | Configured     |  |
| Passenger Frontal Squib 3                  | Configured     |  |
| Right Side Seat Squib 1                    | Configured     |  |
| Second Row Right seat belt Switch          | Not Configured |  |
| Left Up-Front Acceleration Sensor          | Configured     |  |
| Right Curtain Squib 1                      | Configured     |  |
| Left C-Pillar Impact Acceleration Sensor   | Configured     |  |
| Passenger Seat Track Position Sensor       | Configured     |  |
| Driver Knee Bolster Squib                  | Configured     |  |
| Occupant Classification (OCM)              | Configured     |  |
| Passenger Frontal Squib 2                  | Configured     |  |
| Driver Frontal Squib 4                     | Not Configured |  |
| Second Row Center seat belt Switch         | Not Configured |  |
| Left Curtain Squib 1                       | Configured     |  |
| Right Side Door Pressure Sensor            | Configured     |  |
| First Row Passenger Seatbelt Buckle Switch | Configured     |  |
| Right B-Pillar Impact Acceleration Sensor  | Configured     |  |
| Left D-Pillar Impact Acceleration Sensor   | Configured     |  |
| Right D-Pillar Impact Acceleration Sensor  | Configured     |  |
| Right C-Pillar Impact Acceleration Sensor  | Configured     |  |
| Driver Seatbelt Load Limiter               | Configured     |  |
| Driver Seatbelt Retractor Pretensioner     | Configured     |  |
| Second Row Right Seat Side Airbag          | Not Configured |  |
| Passenger Frontal Squib 4                  | Not Configured |  |
| Passenger Airbag Disable Switch            | Not Configured |  |
| Passenger Knee Bolster Squib               | Configured     |  |
| Driver Frontal Squib 2                     | Configured     |  |
| Left Side Door Pressure Sensor             | Configured     |  |
| EPPM                                       | Not Configured |  |
| Driver Seatbelt Buckle Pretensioner        | Not Configured |  |

## EPS CONFIGURATION

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

## HVAC CONFIGURATION

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

|                                     |       |  |
|-------------------------------------|-------|--|
| Single Zone MTC Control (BB)        | False |  |
| MTC Without EBL (3Knob)             | False |  |
| DualZone ATC Control (Factory) (BB) | False |  |
| DualZone ATC Control (BB)           | False |  |

**PDM CONFIGURATION**

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

**PSDML CONFIGURATION**

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

**PSDMR CONFIGURATION**

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

**MSM CONFIGURATION**

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

**CSWM CONFIGURATION**

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

**AMP CONFIGURATION**

| NAME                                 | VALUE                                      | UNITS |
|--------------------------------------|--------------------------------------------|-------|
| Current ANC Calibration ID - Service | RU PHEV 3.6L: Tripane Sunroof & Harman AMP |       |
| ANC Status                           | Off - Door Mute                            |       |
| Left/Right Hand Drive                | Left Hand Drive                            |       |
| Current EQ Checksum                  | FD 83 65 9E                                |       |
| Premium - 3                          | True                                       |       |

|                                    |                   |  |
|------------------------------------|-------------------|--|
| Premuim - 1 (8 channel)            | False             |  |
| Premuim - 2 (12 Channel)           | False             |  |
| Non -ANC                           | False             |  |
| Teen Key Present                   | False             |  |
| Sub-EQ Set Selected                | Sub-EQ#2 Selected |  |
| Cabin Equalization Curve Number    | 53                |  |
| Surround Sound Activated           | Set               |  |
| ANC Calibration Date - Year        | 18                |  |
| ANC Calibration Date - Week        | 45                |  |
| ANC Calibration Date - Patch Level | 2                 |  |
| Door Module - Right Rear           | Present           |  |
| Door Module - Left Front           | Present           |  |
| Door Module - Left Rear            | Present           |  |
| Door Module - Right Front          | Present           |  |

### IPC CONFIGURATION

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

### PTS CONFIGURATION

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

### SCCM CONFIGURATION

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

### BCM CONFIGURATION

| NAME                                          | VALUE         | UNITS |
|-----------------------------------------------|---------------|-------|
| Number of Reprogramming Attempts - Counter #0 | 0             |       |
| Vehicle Configuration Programmed Status       | True          |       |
| Last Programmed Status                        | Manufacturing |       |
| ECU Configuration 10                          | 4             |       |
| Vehicle Config CSM1                           | 4             |       |
| ECU Configuration 11                          | 4             |       |
| ECU Configuration 6 (Brake)                   | 4             |       |
| ECU Configuration 5 (Wireless)                | 4             |       |
| Programmed ECUs: P/T Chassis Network          | 4             |       |

|                                                               |                                              |       |
|---------------------------------------------------------------|----------------------------------------------|-------|
| ECU Configuration 15 (Suspension)                             | 4                                            |       |
| Programmed ECUs: Hybrid LAN Network                           | 0                                            |       |
| ECU Configuration 8 (LIN and Miscellaneous )                  | 4                                            |       |
| ECU Configuration 9A                                          | 4                                            |       |
| Vehicle Configuration 2 - Write Counter                       | 4                                            |       |
| Vehicle Configuration 7 - Write Counter                       | 4                                            |       |
| ECU Configuration 6 (Safety)                                  | 4                                            |       |
| ECU Configuration 2 (CBC Features)                            | 4                                            |       |
| Vehicle Configuration 5 - Write Counter                       | 4                                            |       |
| Programmed ECUs: Cabin Network                                | 4                                            |       |
| Vehicle Configuration Auto Write Counter                      | 1                                            |       |
| ECU Configuration 3                                           | 4                                            |       |
| ECU Configuration 7 (CBC Exterior Lighting Calibrations)      | 4                                            |       |
| ECU Configuration 12                                          | 4                                            |       |
| ECU Configuration 9 (ITM)                                     | 4                                            |       |
| ECU Configuration 1 (CBC Configurable Inputs and Outputs)     | 4                                            |       |
| ECU Configuration 14                                          | 4                                            |       |
| Vehicle Configuration 6 - Write Counter                       | 4                                            |       |
| ECU Configuration 13                                          | 4                                            |       |
| ECU Configuration 5 (Memory)                                  | 4                                            |       |
| Vehicle Config CSM2                                           | 4                                            |       |
| ECU Configuration 15 (CBC Features)                           | 4                                            |       |
| Programmed Network Configuration - Audio / Telematics Network | 0                                            |       |
| Vehicle Configuration 4 - Write Counter                       | 4                                            |       |
| ECU Configuration 6 (Powertrain)                              | 4                                            |       |
| ECU Configuration 6 (Suspension)                              | 4                                            |       |
| ECU Configuration 5 (Doors)                                   | 4                                            |       |
| ECU Configuration 4                                           | 4                                            |       |
| Vehicle Configuration 3 - Write Counter                       | 4                                            |       |
| Last Configuration Odometer                                   | 0                                            | miles |
| Vehicle Configuration 1 - Write Counter                       | 4                                            |       |
| Emode Present                                                 | Not Set                                      |       |
| PTS Configuration                                             | Semi Automatic / Semi Automatic              |       |
| Model Year                                                    | 2020                                         |       |
| Vehicle Line                                                  | RU                                           |       |
| Hill Descent Feature Present                                  | Not Set                                      |       |
| Body Style                                                    | Station Wagon                                |       |
| Shifter Type                                                  | 5 Position Rotary Eshifter PRNDL / Type RS5L |       |
| Auto Highbeam                                                 | Set                                          |       |
| Drive Configuration                                           | 2WD Front                                    |       |
| Country Code                                                  | USA                                          |       |
| Special Packages                                              | 74                                           |       |
| Remote Start Present                                          | Set                                          |       |

|                                               |                                   |         |
|-----------------------------------------------|-----------------------------------|---------|
| Select Speed Control Feature Present          | Not Set                           |         |
| Left/Right Hand Drive                         | Left Hand Drive                   |         |
| Performance Pages Present                     | Not Present                       |         |
| Maximum Vehicle Speed                         | 0                                 | MPH     |
| Max Load Inflation Pressure Rear Tire         | 36.0                              | PSI     |
| Special Packages IC                           | Pacifica                          |         |
| Power Inverter Type                           | No Power Inverter                 |         |
| Cruise Feature is Present                     | Not Set                           |         |
| Max Load Inflation Pressure Front Tire        | 36.0                              | PSI     |
| Off Road Capable                              | Not Set                           |         |
| Air Conditioning Present                      | Not Set                           |         |
| Rain Sensor Present                           | Set                               |         |
| Flipper Glass Present                         | Not Set                           |         |
| SKIM System Present                           | Not Set                           |         |
| Full Size Spare                               | Not Set                           |         |
| Thatcham Present                              | Not Set                           |         |
| Display Outside Temperature Present           | Set                               |         |
| Keyless Go Present                            | Set                               |         |
| Vehicle is an SRT                             | Not Set                           |         |
| Two Fuel Sending Units Present                | Not Set                           |         |
| Display Compass Heading Present               | Set                               |         |
| Wheel Base                                    | Wheel base not programmed / WB_NP |         |
| Auto Headlamp Feature Present                 | Set                               |         |
| Premium TPM system present                    | Set                               |         |
| Police Lighting Feature                       | Not Set                           |         |
| Window Express Feature Configuration          | All windows express feature       |         |
| Vehicle Brand                                 | Chrysler                          |         |
| Auto Park Present                             | Set                               |         |
| T-Case Type                                   | Not Present / Not Present         |         |
| Adjustable Pedal Feature Present (non-Memory) | Not Set                           |         |
| Forward Collision Warning present             | Set                               |         |
| Paddle Shift Feature Present                  | Not Set                           |         |
| Power Right Sliding Door Present              | Set                               |         |
| Disable Display of Radio Clock                | Not Set                           |         |
| FOBIK Safe Enable                             | Set                               |         |
| Chassis Type                                  | Type 9                            |         |
| Fuel Capacity                                 | 17                                | gallons |
| ELV Present                                   | Not Set                           |         |
| Door Alert Feature Present                    | Not Set                           |         |
| Passive Entry Present                         | Set                               |         |
| RKE System Present                            | Set                               |         |
| Secondary Lock Present                        | Not Set                           |         |
| HVAC Configuration                            | Dual Zone ATC + Rear              |         |
| Sport Mode Present                            | Not Set                           |         |

|                                                                                                    |                                |         |
|----------------------------------------------------------------------------------------------------|--------------------------------|---------|
| ESCL system present                                                                                | Not Set                        |         |
| High Intensity Discharge Head Lamps                                                                | Not Set                        |         |
| Collision Mitigation System present                                                                | Set                            |         |
| Power Left Sliding Door Present                                                                    | Set                            |         |
| Liftgate/Trunk Type                                                                                | Power Liftgate                 |         |
| Base TPM system present                                                                            | Not Set                        |         |
| Transfer Case High Ratio                                                                           | 1.000                          | No Unit |
| Transfer Case Low Range Reduction Ratio                                                            | 0.000                          |         |
| Dynamic Tire Circumference (All or Rear)                                                           | 89                             | inch    |
| Axle Ratio                                                                                         | 3.251                          |         |
| Analog Door Sensor Configuration                                                                   | Driver Door Only Analog Sensor |         |
| Air Quality System Present                                                                         | Not Set                        |         |
| Steering Ratio at Negative Angle 1                                                                 | 0.0                            | No Unit |
| Connector E Pin 29: Rear Wiper Motor Park Signal Present                                           | Set                            |         |
| Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present                                      | Not Set                        |         |
| Connector E Pin 9: Run-ACC Y Relay #2 Output Present                                               | Set                            |         |
| Connector G Pin 9: Ambient Light Dimmer Wheel Input Present                                        | Set                            |         |
| Connector E Pin 5: PHEV Fuel Door Switch Input                                                     | Set                            |         |
| Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output                 | Not Set                        |         |
| Connector F Pin 6: Fuel Door Motor Output Signal Present                                           | Set                            |         |
| Connector D Pin 15: Left Dedicated DRL Lamps Output Present                                        | Set                            |         |
| Connector A Pin 11: Hood Ajar Switch Input Present                                                 | Set                            |         |
| Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output Present                               | Set                            |         |
| Connector A Pin 3/Connector D Pin 2: Low Beam Output Present                                       | Set                            |         |
| Connector E Pin 8: PHEV HCP Hardwire Wakeup                                                        | Set                            |         |
| Connector E Pin 7: Left HID Relay Control Output Present                                           | Not Set                        |         |
| Connector D Pin 10: Trailer Tow Tail Lamp Output Present                                           | Not Set                        |         |
| Connector G Pin 15: UGDO Feed Output Present                                                       | Set                            |         |
| Connector F Pin 29: Horn Switch Present                                                            | Set                            |         |
| Connector A Pin 1 and Connector D Pin 13: Front Fog Lamps Output Present                           | Set                            |         |
| Connector E Pin 3/Connector F Pin 42: Rear Turn Lamps Output Present                               | Not Set                        |         |
| Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present | Set                            |         |
| Connector G Pin 22: VTA Warning LED Output Present                                                 | Set                            |         |
| Connector F Pin 9: Analog Door Ajar Signal Front Driver Present                                    | Set                            |         |
| Connector E Pin 11: Vacuum Switch Input                                                            | Not Set                        |         |
| Connector A Pin 10/Connector D Pin 5: Side Markers Output Present                                  | Set                            |         |
| Connector E Pin 42: Charge Port Lock Output Present                                                | Set                            |         |
| Connector E Pin 41: Charge Port Unlock Output Present                                              | Set                            |         |
| Connector A Pin 22: Right Dedicated DRL Lamp Output Present                                        | Set                            |         |
| Connector F Pin 8 : Liftgate Release Outside Handle Switch Present                                 | Not Set                        |         |
| Connector E Pin 34: Vacuum Cleaner Relay Output Present                                            | Not Set                        |         |
| Connector D Pin 12: PHEV ECM Hardwire Wake Up Output Present                                       | Set                            |         |
| Connector F Pin 23: Door Lock Switch Signal Front Passenger Present                                | Set                            |         |

|                                                                                   |                                      |  |
|-----------------------------------------------------------------------------------|--------------------------------------|--|
| Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present                     | Not Set                              |  |
| Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present | Set                                  |  |
| Connector D Pin 9: Trailer Tow Backup Output Present                              | Not Set                              |  |
| Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present               | Not Set                              |  |
| Connector F Pin 4: Liftgate Release Present                                       | Not Set                              |  |
| Connectro E Pin 37: Right HID Control Output Present                              | Not Set                              |  |
| Connector F Pin 35: Inverter Enable Relay Output Present                          | Set                                  |  |
| LED Rear Turn Lamps Present                                                       | Not Set                              |  |
| Front Wiper Wipes After Wash                                                      | 2 Wipes                              |  |
| Fuel Door Release Enabled                                                         | Not Present                          |  |
| Quad Headlamps Enable                                                             | Set                                  |  |
| Reversible Washer Pump Enable                                                     | Set                                  |  |
| DRL Dropout Enable                                                                | Set                                  |  |
| Park Lamp Loadshed Enable                                                         | Set                                  |  |
| LED Stop Lamps Present                                                            | Not Set                              |  |
| Headlamp Washer Low Fluid Shut-Off Enable                                         | Set                                  |  |
| Hazard Lamp Configuration                                                         | Latching Switch                      |  |
| LED Tail Lamps Present                                                            | Set                                  |  |
| Bi Xenon Headlamps Enable                                                         | Not Set                              |  |
| Front Fog Lamp Dropout Enable                                                     | Set                                  |  |
| LED Low Beam Lamps Present                                                        | Not Set                              |  |
| Headlamp Wash Interval                                                            | wash cycle#11                        |  |
| LED Dedicated DRL Present                                                         | Set                                  |  |
| Wiper Service Position Enabled                                                    | Not Set                              |  |
| Illuminated approach Enabled                                                      | Not Set                              |  |
| Front Wiper Park Enable                                                           | Set                                  |  |
| LED License Lamps Present                                                         | Set                                  |  |
| Horn Chirp Allowed                                                                | Set                                  |  |
| Fuel Door Present                                                                 | Not Set                              |  |
| Combined Front Park/Turn Feature Enable                                           | Not Set                              |  |
| DRL Configuration                                                                 | No DRL                               |  |
| DRL Lamp Location                                                                 | Dedicated                            |  |
| Rear Wiper Park Enable                                                            | Set                                  |  |
| Combined Rear Lighting Enable                                                     | Set                                  |  |
| LED Reverse Lamps Present                                                         | Not Set                              |  |
| Intermittent Wiper States                                                         | 4 Intermittent Wiper position Switch |  |
| Headlamp Wash Shot                                                                | double                               |  |
| LED Rear Fog Lamps Present                                                        | Not Set                              |  |
| Trailer Tow Present                                                               | Not Set                              |  |
| Tip Start Enabled                                                                 | Set                                  |  |
| LED Front Turn Lamps Present                                                      | Not Set                              |  |
| Side Repeaters Enable                                                             | Not Set                              |  |
| LED Front Park/Marker Lamps Present                                               | Set                                  |  |
| Headlamp Wash Spray Duration (at 100 ms intervals)                                | 1100ms                               |  |

|                                            |                                         |  |
|--------------------------------------------|-----------------------------------------|--|
| One Touch Lane Change                      | Set                                     |  |
| Tunnel Detection                           | Not Set                                 |  |
| Dual Start Relay System Present            | Not Set                                 |  |
| Exterior Light Loadshed Enable             | Set                                     |  |
| LED Front Fog Lamps Present                | Not Set                                 |  |
| LED CHMSL Lamp Present                     | Set                                     |  |
| LED High Beam Lamps Present                | Not Set                                 |  |
| Destination                                | United States of America                |  |
| Surround Sound Feature Present             | Set                                     |  |
| Power Door Locks Present                   | Set                                     |  |
| Microphone Type                            | Peiker 300 mv                           |  |
| Heated Steering Wheel Present              | Set                                     |  |
| Power Inverter Present                     | Not Set                                 |  |
| Disable CD Eject                           | Not Set                                 |  |
| Cabin Equilization Curve Number            | RU Premium System - Harman 12ch         |  |
| Antenna Type                               | Active Primary and no secondary antenna |  |
| Splashscreen Type                          | Vehicle Brand                           |  |
| Microphone Configuration                   | 2 Microphones                           |  |
| External Port Type                         | AUX + USB                               |  |
| Microphone Tuning Parameter                | Absent [Not Used]                       |  |
| Front Park Assist Present                  | Set                                     |  |
| Front Heated Seats Present                 | Set                                     |  |
| Rear Camera Present                        | Not Set                                 |  |
| Fleet Vehicle Content                      | Not Set                                 |  |
| AP5 Trunk Lock                             | Simple Switch                           |  |
| AP2 Right Front                            | Smart Switch                            |  |
| Vehicle Variant                            | Undefined                               |  |
| Tip Start Present                          | Set                                     |  |
| AP4 Right Rear                             | CAN                                     |  |
| Airport Scenario Trunk                     | Not Set                                 |  |
| AP1 Left Front                             | Smart Switch                            |  |
| AP3 Left Rear                              | CAN                                     |  |
| AP5 Trunk Unlock                           | CAN                                     |  |
| Heated Mirrors Present                     | Set                                     |  |
| Blindspot Mirror Present                   | Set                                     |  |
| Frameless Window Present                   | Not Set                                 |  |
| Sun Shade                                  | Not Set                                 |  |
| Global Up                                  | Not Set                                 |  |
| Folding mirrors present                    | Set                                     |  |
| Electro-chromatic passenger mirror present | Not Set                                 |  |
| Window Motor Type                          | Not Set                                 |  |
| Global Down                                | Not Set                                 |  |
| Passenger Window Lockout                   | Not Set                                 |  |

|                                                                                                    |                                                 |         |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------|---------|
| Tow Mirror Present                                                                                 | Not Set                                         |         |
| Passenger Memory Mirror Present                                                                    | Set                                             |         |
| Rear Door Pre Short Drop                                                                           | Not Set                                         |         |
| Electro-chromatic driver mirror present                                                            | Set                                             |         |
| Driver Memory Mirrors Present                                                                      | Set                                             |         |
| Window Hall Sensors Present                                                                        | Not Set                                         |         |
| Mirror turn signals present                                                                        | Set                                             |         |
| Puddle Lamp Present                                                                                | Not Set                                         |         |
| Heated Steering Wheel Present                                                                      | Present                                         |         |
| Tilt/Telescope Steering Present                                                                    | Not Set                                         |         |
| Memory Adjustable Pedals Present                                                                   | Not Set                                         |         |
| Driver Memory Seat Present                                                                         | Set                                             |         |
| Heated Seat Material Type                                                                          | Base Leather                                    |         |
| Stow 'n Assist Present - Driver                                                                    | Set                                             |         |
| Stow 'n Assist Present - Passenger                                                                 | Set                                             |         |
| Rear Heated Seats Present                                                                          | Not Present                                     |         |
| Front Vented Seats Present                                                                         | Present                                         |         |
| Heated Wheel Material Type                                                                         | Full Leather                                    |         |
| Brake System ECU Configuration A                                                                   | value 0                                         |         |
| ECO Mode Configuration                                                                             | Remember Previous State with Ignition Key Cycle |         |
| Dual Alternator Present                                                                            | Not Set                                         |         |
| Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)                                      | Left B-Pillar sliding Door Switch               |         |
| License Plate Lamp Disable                                                                         | Not Set                                         |         |
| Connector G Pin 2: Fog Lamp Switch Input                                                           | Fog Lamp Switch                                 |         |
| Connector F Pin 34: Spare HSD                                                                      | Not Present                                     |         |
| Connector F Pin 16: Passenger Door Lock Switch Input                                               | Not Present                                     |         |
| Auto High Beam Module Location                                                                     | HaLF                                            |         |
| Engine Off Clear Time                                                                              | 180                                             | Time    |
| Connector F Pin 30: Fuel Door Lock (BUX)                                                           | Not Present                                     |         |
| Heatsoak Speed                                                                                     | 15                                              | Counter |
| Connector D Pin 8: Digital Spare Input #2                                                          | Not Present                                     |         |
| Ambient Stable Counter Limit                                                                       | 40                                              | Counter |
| Max Engine Off Time                                                                                | 220                                             | Time    |
| Connector F Pin 29: Horn Switch Present                                                            | Horn Switch Input                               |         |
| Connector F Pin 37: Vacuum Cleaner Power Saver Indicator                                           | Not Present                                     |         |
| Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present | Rear Wiper (0)                                  |         |
| Humidy Sensor Long Present                                                                         | Set                                             |         |
| Connector E Pin 3: Left Rear Turn Signal                                                           | Left Rear Turn Signal                           |         |
| Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)                                     | Right B-Pillar Sliding Door Switch              |         |
| Connector G Pin11/Connector G Pin 12: Not Used                                                     | ERS                                             |         |
| Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28                                  | Set                                             |         |
| Manual Door Locks Present                                                                          | Not Set                                         |         |
| Heatsoak Flush Time                                                                                | 105                                             | Time    |

|                                                   |                                    |      |
|---------------------------------------------------|------------------------------------|------|
| Rain Sensor Module #2 Present                     | Set                                |      |
| CHMSL Lamp Output Disable                         | Not Set                            |      |
| Connecetor F Pin 33: Fuel Door Unlock (BUX)       | Not Present                        |      |
| Connector E Pin 39: Right Rear Turn Signal        | Right Rear Turn Signal             |      |
| Connector F Pin 15: Driver Door Lock Switch Input | Not Present                        |      |
| Connector D Pin 4: Digital Spare Input #1         | Not Present                        |      |
| Heatsoak Set Time                                 | 15                                 | Time |
| Steering Smoothing Factor                         | Filter Off                         |      |
| Nose Dive Threshold                               | Filter Off                         |      |
| Brake Smoothing Factor                            | Filter Off                         |      |
| Average Last Longitudinal Acceleration Values     | No Averaging                       |      |
| Excess Lateral Acceleration Factor                | Filter Off                         |      |
| Brake Smoothing Duration                          | Filter Off                         |      |
| Steering Smoothing Duration                       | Filter Off                         |      |
| Maximum Lateral Change                            | Filter Off                         |      |
| Acceleration Threshold                            | Filter Off                         |      |
| Nose Dive Factor                                  | Filter Off                         |      |
| Excess Longitudinal Acceleration Factor           | Filter Off                         |      |
| Brake Smoothing Threshold                         | Filter Off                         |      |
| Acceleration Factor                               | Filter Off                         |      |
| Average Last Lateral Acceleration Values          | No Averaging                       |      |
| Steering Smoothing Threshold                      | Filter Off                         |      |
| Maximum Longitudinal Change                       | Filter Off                         |      |
| VTA Hood Ajar Monitoring                          | Not Set                            |      |
| RKE Auto-Relock Feature Enable                    | Not Set                            |      |
| PE Auto-Relock Feature Enable                     | Set                                |      |
| Auto High Beam ON Threshold                       | 25 km/hr                           |      |
| Auto High Beam OFF Threshold                      | 20 km/hr                           |      |
| Interior Lighting Night Threshold                 | 4.45147                            | Volt |
| Interior Lighting Day Threshold                   | 4.27498                            | Volt |
| Headlamp Soak Delay                               | 1.0 sec                            |      |
| Horn Chirp Duration                               | Short                              |      |
| Parking Light Enable                              | Not Set                            |      |
| Smart Alternator Present                          | Not Set                            |      |
| Temperature Display Resolution                    | HaLF                               |      |
| TPMS Configuration                                | Logic 1 NHTSA Enable Warning       |      |
| Sunroof Present                                   | Set                                |      |
| ANC Calibration Parameter Data Set                | Harman Amplified 3.6L PHEV Sunroof |      |
| Radio Speaker Open Circuit Disable (RF)           | Not Set                            |      |
| Drive Mode Version                                | Version 1                          |      |
| Auto Dimming Mirror Hard Button Present           | Set                                |      |
| Radio Speaker Open Circuit Disable (LF)           | Not Set                            |      |
| Radio Speaker Open Circuit Disable (LR)           | Not Set                            |      |
| Radio Speaker Open Circuit Disable (RR)           | Not Set                            |      |

|                                              |                         |  |
|----------------------------------------------|-------------------------|--|
| Automatic Crash Notification Feature Present | Undefined               |  |
| Show Phone Information in Cluster            | 01                      |  |
| Surround View Camera On/Off Softkey Present  | Set                     |  |
| Park Assist Tuning Set                       | BUX Front and Rear Only |  |
| 3rd Row Lock CSO                             | Not Set                 |  |
| Siren                                        | Not Set                 |  |
| Ultrasonics                                  | Not Set                 |  |
| Tilt                                         | Not Set                 |  |
| ESC                                          | Set                     |  |
| HCP                                          | Set                     |  |
| AHCP                                         | Set                     |  |
| ESM                                          | Set                     |  |
| ORC                                          | Set                     |  |
| APM                                          | Set                     |  |
| ECM                                          | Set                     |  |
| BPCM                                         | Set                     |  |
| OBCM                                         | Set                     |  |
| EAC                                          | Set                     |  |
| EBCM                                         | Set                     |  |
| CVPM                                         | Set                     |  |
| VRM                                          | Set                     |  |
| MSMP                                         | Set                     |  |
| AMP                                          | Set                     |  |
| HVAC                                         | Set                     |  |
| PDM                                          | Set                     |  |
| VTM                                          | Not Set                 |  |
| DDM                                          | Set                     |  |
| EOMR                                         | Set                     |  |
| EDM                                          | Set                     |  |
| ITM                                          | Not Set                 |  |
| DMRR                                         | Set                     |  |
| MSM                                          | Set                     |  |
| HVACR                                        | Set                     |  |
| EAM                                          | Not Set                 |  |
| ICS                                          | Set                     |  |
| DSM                                          | Set                     |  |
| PSDML                                        | Set                     |  |
| ANC                                          | Not Set                 |  |
| BCM (Interior Bus)                           | Set                     |  |
| DTV                                          | Not Set                 |  |
| FSM                                          | Not Set                 |  |
| DMRL                                         | Set                     |  |
| PLGM                                         | Set                     |  |
| HSM                                          | Set                     |  |

|                                                               |                                               |         |
|---------------------------------------------------------------|-----------------------------------------------|---------|
| PSDMR                                                         | Set                                           |         |
| Radio                                                         | Set                                           |         |
| Compass Mounting Angle                                        | 0                                             | Degree  |
| IBS Present                                                   | Set                                           |         |
| Auto Relock Time                                              | 60                                            | seconds |
| Fobik Safe Alerts Per Ignition Cycle                          | 2                                             |         |
| Illuminated Approach Headlamp Target Percentage               | 125 (62.5%)                                   |         |
| Humidity Sensor Present                                       | Set                                           |         |
| Illuminated Approach Taillamp Target Percentage               | 125 (62.5%)                                   |         |
| Illuminated Approach Interior Lighting Ramp Up Time           | 130(2600ms)                                   |         |
| Alert no Reply                                                | Set                                           |         |
| Alert On Search Timeout                                       | Set                                           |         |
| Alert On System Fault                                         | Set                                           |         |
| Illuminated Approach Interior Lighting Target Percentage      | 100(50%)                                      |         |
| OHC Module Present                                            | Set                                           |         |
| Washer Fluid Level Voltage Threshold                          | 4.46 volts                                    |         |
| EVIC SWS Module Present                                       | Set                                           |         |
| CRVMM Present                                                 | Set                                           |         |
| HFRM Present                                                  | Set                                           |         |
| VTA System Present                                            | VTA                                           |         |
| Panic Enable                                                  | Set                                           |         |
| Compass Mounting Orientation                                  | Rightside up                                  |         |
| Connector F Pin 41: Backup-Reverse lamp Left                  | Set                                           |         |
| Connector E Pin 7: Left HID Relay Control                     | Left HID Lamp Relay                           |         |
| Connector D Pin 12: PHEV ECM Hardwire Wake Up                 | Engine Control Module Wake up (PHEV only)     |         |
| Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present | Reserved                                      |         |
| Connector A Pin 11: Hood Ajar Switch Signal                   | 500 ohm series and 500 ohm parallel resistors |         |
| Connector D Pin 21: Brake Fluid Level Switch                  | no parallel resistor                          |         |
| Connector E Pin 1: Backup-Reverse lamp Right                  | Set                                           |         |
| Connector E Pin 37: Right HID Relay Control                   | Right HID Lamp Relay                          |         |
| Connector F Pin 5: Left Rear Fog Lamp                         | Output Disable                                |         |
| Connector E Pin 3: Left Rear Turn Signal                      | Left Rear Turn Signal                         |         |
| Connector F Pin 31: Right Sliding Door Ajar                   | Right Sliding Door Ajar                       |         |
| Connector F Pin 28: Right Rear Turn Lamp Fault Sense          | Disable                                       |         |
| Connector F Pin 4: Liftgate Release                           | Trunk/Liftgate Release                        |         |
| Connector F Pin 42: Right Rear Turn Signal                    | Right Rear Turn Signal                        |         |
| Connector F Pin 25: Left Rear Turn Lamp Fault Sense           | Disable                                       |         |
| Stop/Start Enable Switch Present                              | Not Set                                       |         |
| Connector A Pin 2: Right High Beam Feed                       | Right High Beam (0)                           |         |
| Connector D Pin 1: Left High Beam Feed                        | Left High Beam (0)                            |         |
| Connector F Pin 27: Left Sliding Door Ajar                    | Left Sliding Door Ajar                        |         |
| Connector E Pin 5: E-5 PHEV Fuel Door Switch Input            | PHEV Fuel Door Switch                         |         |
| Connector E Pin 39: Right Rear Fog Lamp                       | Output Disable                                |         |

|                                                  |                          |         |
|--------------------------------------------------|--------------------------|---------|
| Connector E Pin 29: Rear Wiper Motor Park Signal | Reserved                 |         |
| Connector F Pin 29: Horn Switch Input            | Horn Switch Input        |         |
| Passive Ped Pro Present                          | False                    |         |
| Tow Hooks Present                                | False                    |         |
| 1st Row Seat Side Airbags Present                | True                     |         |
| Passenger Kneebag Present                        | True                     |         |
| BUX Market                                       | False                    |         |
| ODS Present                                      | False                    |         |
| Curtain Airbags Present                          | True                     |         |
| Driver Kneebag Present                           | True                     |         |
| Integrated EPP Present                           | False                    |         |
| IPC                                              | Set                      |         |
| ESM                                              | Set                      |         |
| ORC                                              | Set                      |         |
| BCM (PT)                                         | Set                      |         |
| SCCM                                             | Set                      |         |
| ACC                                              | Set                      |         |
| PCM                                              | Set                      |         |
| PTS                                              | Set                      |         |
| EPS                                              | Set                      |         |
| RFH                                              | Set                      |         |
| AHLM                                             | Not Set                  |         |
| ESL                                              | Not Set                  |         |
| FFCM                                             | Set                      |         |
| ABSO                                             | Set                      |         |
| OCM                                              | Set                      |         |
| ABS                                              | Not Set                  |         |
| TCM                                              | Not Set                  |         |
| HCP                                              | Set                      |         |
| Accessory Delay Time                             | 45                       | seconds |
| Sliding Door Chime Enable                        | Set                      |         |
| Sliding Door Alert                               | Not Set                  |         |
| Auto Unlock                                      | Set                      |         |
| Headlamps on with Wipers                         | Set                      |         |
| Flash Lamps on Lock                              | Set                      |         |
| Daytime Running Lamps                            | Set                      |         |
| Auto Wipers                                      | Set                      |         |
| Sound Horn On Lock Status                        | Chirp on 1st press/FIRST |         |
| Hands Free Sliding Door Enable                   | Set                      |         |
| Sound Horn on Remote Start                       | Set                      |         |
| Auto Lock                                        | Set                      |         |
| Unlock all doors on 1st press                    | Set                      |         |
| Sound Horn on Lock                               | Set                      |         |
| Illuminated Approach Time                        | 30                       | seconds |

|                                             |                               |         |
|---------------------------------------------|-------------------------------|---------|
| Headlamp Delay Time                         | 30                            | seconds |
| Auto Highbeam                               | Set                           |         |
| IBS Quiescence Current Limit                | -250                          | mA      |
| IBS Minimal Charge Limit                    | 10                            | AmpHrs  |
| IBS Minimum Voltage Limit                   | 5.0                           | Volts   |
| Battery Type II                             | 255                           |         |
| Battery Types                               | SNA                           |         |
| IBS Activate MWU                            | Not Set                       |         |
| IBS Minimum Charge Limit                    | 600                           | mA      |
| Front Park/Turn Voltage                     | Park to Turn ratio 55 Percent |         |
| Left Front Corner Voltage                   | 13.2 Volts                    |         |
| Left Low Beam Voltage Regulation            | 13.6 Volts                    |         |
| Right High Beam Voltage Regulation          | 13.8 Volts                    |         |
| Left Rear Corner Voltage                    | 14 Volts                      |         |
| Left High Beam Voltage Regulation           | 13.6 Volts                    |         |
| Right Rear Corner Voltage                   | 14 Volts                      |         |
| Right Low Beam Voltage Regulation           | 14 Volts                      |         |
| Auto Headlamp On Threshold                  | 3.31409                       | Volt    |
| Auto Headlamp Off Threshold                 | 2.54930                       | Volt    |
| Right Front Corner Voltage                  | 13.4 Volts                    |         |
| Rear View Camera Static Grid Lines Enabled  | Not Set                       |         |
| Rear View Camera Dynamic Grid Lines Enabled | Not Set                       |         |

## RADIO CONFIGURATION

| NAME                                       | VALUE        | UNITS   |
|--------------------------------------------|--------------|---------|
| Compass on the bus messaging Authorization | Allowed      |         |
| GPS on the Bus messaging Authorization     | Allowed      |         |
| Satellite Subscription Suspend Day         | 19           |         |
| Satellite Subscription Reason Code         | 02           |         |
| Satellite Subscription Suspend Year        | 1A           |         |
| Satellite Subscription Suspend Month       | 08           |         |
| Satellite Subscription Status              | Subscribed   |         |
| Satellite Subscription ID                  | BLBWH00      |         |
| Aux Jack                                   | Not Inserted |         |
| USB Hubs Detected                          | 1            | No Unit |
| SD Card Readers Detected                   | 0            | No Unit |
| Enumerated USB Devices                     | 0            | No Unit |
| DTV Short Term Configuration               | —            |         |
| 911 Button                                 | On           |         |
| SDARS                                      | True         |         |
| Internal CD Player                         | False        |         |
| Application Framework                      | True         |         |
| Bluetooth                                  | True         |         |
| Navigation Active                          | True         |         |

|                                               |              |  |
|-----------------------------------------------|--------------|--|
| FM Diversity                                  | False        |  |
| Cellular                                      | True         |  |
| Wi-Fi                                         | True         |  |
| Splash Screen                                 | Chrysler     |  |
| Anti-Theft Enable Status                      | On           |  |
| Automated Loudness                            | On           |  |
| Front Seat Video Playback                     | Enabled      |  |
| Clock Defeat                                  | Off          |  |
| Cabin EQ Curve Number Currently Used by Radio | 35           |  |
| 12/24 Time Selection                          | 12 Hour Time |  |

## HVACR CONFIGURATION

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

## FFCM CONFIGURATION

| NAME              | VALUE          | UNITS |
|-------------------|----------------|-------|
| Traceability info | 02202170588713 |       |
| Traceability info | 11202244224501 |       |
| XCP Enabled       | False          |       |
| HIL mode Enabled  | False          |       |

## EDM CONFIGURATION

| NAME                                 | VALUE       | UNITS |
|--------------------------------------|-------------|-------|
| Intrusion module                     | Not Present |       |
| Blind-Spot Module                    | Not Present |       |
| Video Ent. System Screen 1 Module    | Not Present |       |
| Heating Ventilation Air Conditioning | Not Present |       |
| Integrated Center Stack Module       | Not Present |       |
| Passenger Door Control Module        | Not Present |       |
| Vehicle System Interface Module      | Not Present |       |
| Rear Body Controller Module          | Not Present |       |
| Convergence Telematics Module        | Not Present |       |
| Driver Door Control Module           | Not Present |       |
| CAN I in-dash disc player module     | Present     |       |
| Right Rear Door Control Module       | Not Present |       |
| Left Power Sliding Door Module       | Not Present |       |
| Common Body Controller Int Bus       | Not Present |       |

|                                   |                |  |
|-----------------------------------|----------------|--|
| Left Rear Door Control Module     | Not Present    |  |
| Memory Seat Module                | Not Present    |  |
| Amplifier Module                  | Not Present    |  |
| Comfot Seats and Wheel Module     | Not Present    |  |
| Power Liftgate Module             | Not Present    |  |
| Power Top Control Module          | Not Present    |  |
| Right Power Sliding Door Module   | Not Present    |  |
| Folding Seat Module               | Not Present    |  |
| Video Ent. System Screen 2 Module | Not Present    |  |
| Radio                             | Present        |  |
| VES                               | False          |  |
| VRM                               | False          |  |
| E-Mode Feature Present            | False          |  |
| Remote Start Present              | False          |  |
| Vehicle Line                      | RU             |  |
| Body Style                        | Station Wagon  |  |
| Left/Right Hand Drive             | Not Programmed |  |
| Vehicle Brand Type                | Chrysler       |  |

## RCCC CONFIGURATION

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

## ABSO CONFIGURATION

| NAME                       | VALUE     | UNITS   |
|----------------------------|-----------|---------|
| Engine Displacement        | 3.6       | No Unit |
| ESC BLA Enabled            | False     |         |
| PN ESC Byte2               | 0         |         |
| PN ESC Byte1               | 0         |         |
| Drive Configuration        | 2WD Front |         |
| Dynamic Tire Circumference | 89        | inch    |
| VC Chassis Type            | Type 9    |         |
| Axle Ratio                 | 3.251     | No Unit |
| Hardwired VSO              | True      |         |
| ACC                        | True      |         |
| Multiple Pressure Sensors  | True      |         |
| Rear Directional Sensors   | True      |         |
| Feature PIN                | False     |         |

|                           |       |  |
|---------------------------|-------|--|
| Front Directional Sensors | False |  |
| EPB                       | True  |  |



## CUSTOM REPORT

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

**Odometer** 24926.6 miles  
**Publication Date** Dec 3, 2021, 10:30:04 AM

## DTC SUMMARY

| ECU | DTC CODE | DTC DESCRIPTION                                       | STATUS |
|-----|----------|-------------------------------------------------------|--------|
| PCM | P2271    | O2 Sensor 1/2 Signal Biased Rich                      | Stored |
| PCM | P0420    | Catalyst System Efficiency Below Threshold Bank 1     | Stored |
| PCM | P0138    | O2 Sensor 1/2 Circuit High                            | Stored |
| RFH | C0077-00 | Low Tire Pressure-                                    | Stored |
| HCP | P0A3F-00 | Drive Motor A Position Sensor 1 Circuit-              | Stored |
| HCP | P0A43-00 | Drive Motor "A" Position Sensor Circuit Intermittent- | Stored |
| HCP | P0C19-00 | Drive Motor A Torque Delivered Performance-           | Stored |
| HCP | P1AEE-00 | MCPA HV Battery System Voltage High-                  | Stored |
| HCP | P1AEF-00 | MCPB High Voltage Battery System Voltage High-        | Stored |



## VEHICLE SCAN REPORT

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

**Odometer** 24926.6 miles  
**Publication Date** Dec 3, 2021, 11:22:36 AM

## ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | PART #     |
|-------|--------------------------------|----------|--------------|------------|
| PCM   | Powertrain Control Module      | CAN-C    | 68444228AE   | 68444228AE |
| ICS   | Integrated Center Stack        | CAN-I    | 6UX621X8AA   | 6UX621X8AA |
| RFH   | Radio Frequency Hub            | CAN-C    | 68453559AB   | 68453559AB |
| ESM   | Electronic Shifter             | CAN-C    | 68240089AM   | 68240089AM |
| ORC   | Occupant Restraint             | CAN-C    | 68453076AD   | 68453076AD |
| EPS   | Electric Power Steering        | CAN-C    | 68460392AA   | 68460392AA |
| HVAC  | Heat, Ventilation and A/C      | CAN-I    | 68447893AC   | 68447893AC |
| DDM   | Driver Door Module             | CAN-I    | 68424449AC   | 68424449AC |
| PDM   | Passenger Door Module          | CAN-I    | 68424448AC   | 68424448AC |
| DMRL  | Door Module Rear Left          | CAN-I    | 68225096AG   | 68225096AG |
| DMRR  | Door Module Rear Right         | CAN-I    | 68225096AG   | 68225096AG |
| PSDML | Power Sliding Doors (Left)     | CAN-I    | 68369596AD   | 68369596AD |
| PSDMR | Power Sliding Doors (Right)    | CAN-I    | 68369596AD   | 68369596AD |
| MSM   | Memory Seat Module             | CAN-I    | 68321862AC   | 68321862AC |
| PLGM  | Power Liftgate                 | CAN-I    | 68316094AF   | 68316094AF |
| CSWM  | Comfort Seat Wheel Module      | CAN-I    | 68434912AC   | 68434912AC |
| AMP   | Amplifier                      | CAN-I    | 68448067AA   | 68448067AA |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68434956AC   | 68434956AC |
| PTS   | Parktronics                    | CAN-C    | 68193775AJ   | 68193775AJ |
| SCCM  | Steering Column Control Module | CAN-C    | 68360889AD   | 68360889AD |
| BCM   | Body Controller                | CAN-C    | 68424601AE   | 68424601AE |

| Pa    |                                    |       |            |  |            |
|-------|------------------------------------|-------|------------|--|------------|
| ACC   | Adaptive Cruise Control            | CAN-C | 68417813AF |  | 68417813AF |
| RADIO | Radio                              | CAN-I | 68461768AD |  | 68461768AD |
| OCM   | Occupant Classification            | CAN-C | 68403127AA |  | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB |  | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AB |  | 04672786AB |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AB |  | 04672786AB |
| FFCM  | Forward Facing Camera Module       | CAN-C | 68493395AA |  | 68493395AA |
| EDM   | External Disc Module               | CAN-I | 68378304AB |  | 68378304AB |
| APM   | Accessory Power Module             | CAN-C | 05185046AB |  | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 05193166AD |  | 05193166AD |
| HCP   | Hybrid Control Processor           | CAN-C | 05190265AF |  | 05190265AF |
| OBCM  | On Board Charging Module           | CAN-C | 05185047AE |  | 05185047AE |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC |  | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68316174AC |  | 68316174AC |
| VRM   | Video Routing Module               | CAN-I | 68376134AG |  | 68376134AG |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 6WL30DX9AA |  | 6WL30DX9AA |
| CVPM  | Central vision processing module   | CAN-I | 68375113AB |  | 68375113AB |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG |  | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05190266AF |  | 05190266AF |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68461813AA |  | 68461813AA |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68471122AD |  | 68471122AD |
| SGW   | Security Gateway Module            | CAN-C | 68447193AB |  | 68447193AB |

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

| ECU | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT | CVNS     |
|-----|--------------|------------------|------------------|-------|----------|
| PCM | USA          | 1B 47            | 46 03 01         | 4419  | 31D751B0 |
| ICS | USA          | 0F 0C 00         | 12 25 00         | 4700  |          |
| RFH | USA / USA    | 10 17 00         | 13 09 00         | 4A00  |          |
| ESM | USA / USA    | 0F 24 00         | 12 28 FF         | 4402  |          |
| ORC | USA / USA    | 12 1A 00         | 13 2E 00         | 4301  |          |
| EPS | USA / USA    | 12 2A 00         | 12 1E 01         | 4502  |          |

|       |                              |          |          |      |                                  |
|-------|------------------------------|----------|----------|------|----------------------------------|
| HVAC  | USA                          | 0E 09 00 | 13 05 01 | 4401 |                                  |
| DDM   | USA                          | 11 07 00 | 13 0B 00 | 4202 |                                  |
| PDM   | USA                          | 11 07 00 | 13 0B 00 | 4202 |                                  |
| DMRL  | USA / USA                    | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| DMRR  | USA / USA                    | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| PSDML | USA / USA                    | 10 17 00 | 14 10 12 | 4001 |                                  |
| PSDMR | USA / USA                    | 10 17 00 | 14 10 12 | 4001 |                                  |
| MSM   | USA                          | 0F 2B 00 | 10 27 03 | 4101 |                                  |
| PLGM  | USA                          | 17 19 00 | 18 22 00 | 4202 |                                  |
| CSWM  | USA                          | 11 2A 00 | 13 2C 00 | 4302 |                                  |
| AMP   | USA                          | 0F 06 01 | 12 2E 01 | 4021 |                                  |
| IPC   | USA / USA                    | 12 06 00 | 13 27 00 | 4704 |                                  |
| PTS   | USA                          | 0E 32 00 | 12 1F 00 | 4311 |                                  |
| SCCM  | USA                          | 13 28 00 | 13 29 00 | 4301 |                                  |
| BCM   | USA                          | 0D 11 00 | 13 2C 90 | 4415 |                                  |
| ACC   | USA / USA                    | 14 12 01 | 14 1D 01 | 4400 |                                  |
| RADIO | USA                          | 13 31 14 | 13 31 14 | 8205 |                                  |
| OCM   | USA / USA                    | 11 1F 01 | 0E 2F 02 | 4030 |                                  |
| HVACR | USA                          | 0E 09 00 | 10 03 02 | 4301 |                                  |
| LBSS  | USA / USA                    | 11 30 02 | 12 0D 00 | 4202 |                                  |
| RBSS  | USA / USA                    | 11 30 02 | 12 0D 00 | 4202 |                                  |
| FFCM  | USA / USA                    | 11 06 00 | 13 1E 00 | 4102 |                                  |
| EDM   | USA                          | 12 0A 00 | 11 08 00 | 4000 |                                  |
| APM   | USA / USA                    | 11 32 00 | 11 32 00 | 4001 |                                  |
| BPCM  | Not programmed / COUNTRY_SNA | 0E 03 00 | 13 18 03 | 4005 | F5BC8401                         |
| HCP   | USA                          | 11 1F 04 | 19 48 01 | 4005 | 6AE19B37<br>847169A3<br>050DC953 |
| OBCM  | USA                          | 0F 0D 00 | 12 02 00 | 4002 |                                  |
| MSMP  | USA                          | 0F 2B 00 | 10 27 03 | 4001 |                                  |
| DSM   | USA / USA                    | 13 29 00 | 12 23 00 | 4000 |                                  |
| VRM   | USA / USA                    | 0F 1C 00 | 13 26 11 | 4001 |                                  |
| RCCC  | USA                          | 0F 1D 00 | 13 04 00 | 4000 |                                  |
| CVPM  | USA / USA                    | 11 32 01 | 12 33 00 | 4003 |                                  |
| EAC   | USA                          | 0E 34 00 | 12 0F 00 | 4102 |                                  |
| AHCP  | USA                          | 11 1F 04 | 19 48 01 | 4000 |                                  |
| EBBM  | USA                          | 0E 19 02 | 12 31 17 | 4000 | AD6A1E22                         |
| ABSO  | USA                          | 0E 15 02 | 14 1B 26 | 4201 | 4F158D1B                         |
| SGW   |                              | 5        | 779      | 4103 |                                  |

## DTC SUMMARY

| ECU | DTC CODE | DTC DESCRIPTION                                   | STATUS |
|-----|----------|---------------------------------------------------|--------|
| PCM | P2271    | O2 Sensor 1/2 Signal Biased Rich                  | Stored |
| PCM | P0420    | Catalyst System Efficiency Below Threshold Bank 1 | Stored |
| PCM | P0138    | O2 Sensor 1/2 Circuit High                        | Stored |

|     |          |                                                       |        |
|-----|----------|-------------------------------------------------------|--------|
| RFH | C0077-00 | Low Tire Pressure-                                    | Stored |
| HCP | P0A3F-00 | Drive Motor A Position Sensor 1 Circuit-              | Stored |
| HCP | P0A43-00 | Drive Motor "A" Position Sensor Circuit Intermittent- | Stored |
| HCP | P0C19-00 | Drive Motor A Torque Delivered Performance-           | Stored |
| HCP | P1AEE-00 | MCPA HV Battery System Voltage High-                  | Stored |
| HCP | P1AEF-00 | MCPB High Voltage Battery System Voltage High-        | Stored |

## ENVIRONMENTAL DATA SUMMARY

### PCM | P2271 | Stored | O2 Sensor 1/2 Signal Biased Rich

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | 22 71        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | Off          |         |
| Odometer                              | 21772.8      | miles   |
| Accumulation Timer                    | 36           | minutes |
| Ignition Key Cycles                   | 115          |         |
| Starts Since Set Counter              | 121          |         |
| Key Cycles Since DTC Last Set Counter | 255          |         |
| Warm Up Cycles                        | 20           |         |
| Good Trip Counter                     | 32           |         |

### PCM | P0420 | Stored | Catalyst System Efficiency Below Threshold Bank 1

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | 04 20        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | Off          |         |
| Odometer                              | 21772.8      | miles   |
| Accumulation Timer                    | 64           | minutes |
| Ignition Key Cycles                   | 137          |         |
| Starts Since Set Counter              | 35           |         |
| Key Cycles Since DTC Last Set Counter | 142          |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 2            |         |

### PCM | P0138 | Stored | O2 Sensor 1/2 Circuit High

| NAME               | VALUE        | UNITS |
|--------------------|--------------|-------|
| Number of DTC      | 1            |       |
| DTC                | 01 38        |       |
| DTC Readiness Flag | Not Complete |       |

|                                       |         |         |
|---------------------------------------|---------|---------|
| DTC Storage State                     | Stored  |         |
| Warning Indicator Request State       | Off     |         |
| Odometer                              | 20217.9 | miles   |
| Accumulation Timer                    | 728     | minutes |
| Ignition Key Cycles                   | 209     |         |
| Starts Since Set Counter              | 122     |         |
| Key Cycles Since DTC Last Set Counter | 212     |         |
| Warm Up Cycles                        | 22      |         |
| Good Trip Counter                     | 61      |         |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | False |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | Error |       |
| Original Odometer Value                 | 24000 | miles |
| Most Recent Odometer Value              | 24000 | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 90    |       |

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

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | 0A 3F 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | 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                 | 24846.9    | miles |
| Most Recent Odometer Value              | 24926.6    | miles |
| Frequency Counter                       | 19         |       |
| Ignition Cycle Counter                  | 0          |       |
| Real time clock                         | 40068104   | sec   |

|                                                     |                   |        |
|-----------------------------------------------------|-------------------|--------|
| RAM stamps keyOn                                    | 0                 | sec    |
| RAM Stamps                                          | 241359            | Min    |
| Accelerator Pedal Position                          | 0                 | %      |
| Brake Switch Status                                 | Applied           |        |
| PHEV Charging Status                                | No Charging       |        |
| Engine Speed                                        | 1412              | rpm    |
| HV Battery SOC                                      | 45                | %      |
| Ignition State                                      | Ignition Off/ACC  |        |
| PRND Position Display                               | P                 |        |
| Propulsion System Active                            | False             |        |
| Vehicle Speed                                       | 0.0000            | MPH    |
| Motor A Temp Sensor                                 | 77                | °F     |
| Motor B Temp Sensor                                 | 77                | °F     |
| Barometric Pressure                                 | 14                | PSI    |
| Engine Coolant Temperature                          | 104               | °F     |
| Motor A Resolver Offset Learn Erase                 | not requested     |        |
| Motor A Resolver Offset Learning Status Flag        | Applied           |        |
| Motor B Resolver Offset Learning Status Flag        | Applied           |        |
| Motor A Resolver Angle Offset                       | 2.00              | Degree |
| Motor B Resolver Angle Offset                       | 3.60              | Degree |
| Motor A Resolver Supply Voltage Value               | 15.75             | Volts  |
| Motor B Resolver Supply Voltage Value               | 15.75             | Volts  |
| Motor A Resolver to Digital Low Level Driver Faults | No fault          |        |
| Motor B Resolver to Digital Low Level Driver Faults | No fault          |        |
| Battery Feed Voltage 2 Sense                        | 11.880            | Volts  |
| Internal EPS Voltage Sense A                        | 8.136             | Volts  |
| Internal EPS Voltage Sense B                        | 8.064             | Volts  |
| Actual Torque - Motor A                             | 0.000             | Ft-Lbs |
| Actual Torque - Motor B                             | 14.381            | Ft-Lbs |
| Available Motor Torque - Motor A                    | 13.643            | Ft-Lbs |
| Available Motor Torque - Motor B                    | 232.577           | Ft-Lbs |
| Available Regen Torque - Motor A                    | -13.643           | Ft-Lbs |
| Available Regen Torque - Motor B                    | -232.577          | Ft-Lbs |
| Commanded Torque - Motor A                          | 10.601            | Ft-Lbs |
| Commanded Torque - Motor B                          | 14.934            | Ft-Lbs |
| Electric Motor A Speed                              | 5858.5            | rpm    |
| Electric Motor B Speed                              | 3.5               | rpm    |
| Battery Feed Voltage 1 Sense                        | 11.952            | Volts  |
| Battery Feed Voltage 3 Sense                        | 11.808            | Volts  |
| Hybrid System State                                 | Inverters Enabled |        |
| Motor A - Inverter Current - phase A                | 28                | AMP    |
| Motor A - Inverter Current - phase B                | 56                | AMP    |
| Motor A - Inverter Current - phase C                | -92               | AMP    |
| Motor B - Inverter Current - phase A                | -24               | AMP    |

|                                         |                        |         |
|-----------------------------------------|------------------------|---------|
| Motor B - Inverter Current - phase B    | -8                     | AMP     |
| Motor B - Inverter Current - phase C    | 28                     | AMP     |
| Outside Air Temperature                 | 64.4                   | °F      |
| HCP ePT Wake-Up Output                  | On                     |         |
| CBC Wake-Up Input                       | On                     |         |
| EPT LOC Diag Enable                     | Disable LOC Daignostic |         |
| HV Contactor Status                     | Closed                 |         |
| HV Battery Voltage from BPCM            | 348.90                 | Volts   |
| PIM DC Link Voltage - A                 | 350                    | Volts   |
| PIM DC Link Voltage - B                 | 348                    | Volts   |
| Inverter A IGBT Temperature for phase A | 32                     | °F      |
| Inverter A IGBT Temperature for phase B | 32                     | °F      |
| Inverter A IGBT Temperature for phase C | 32                     | °F      |
| Inverter B IGBT Temperature for phase A | 32                     | °F      |
| Inverter B IGBT Temperature for phase B | 32                     | °F      |
| Inverter B IGBT Temperature for phase C | 32                     | °F      |
| APM Status                              | Off                    |         |
| 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                          | 14.381                 | Ft-Lbs  |
| OBCM Operating Mode                     | UTC                    |         |
| J1772 Prox Detected State               | Prox Out               |         |
| HV Battery Sleep Time                   | 0                      | Days    |
| Motor B Resolver Offset Learn Erase     | not requested          |         |
| GPS Date - Year                         | 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 | P0A43-00 | Stored | Drive Motor "A" Position Sensor Circuit Intermittent-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | 0A 43 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |

|                                                     |                                |        |
|-----------------------------------------------------|--------------------------------|--------|
| Warning Indicator Requested                         | False                          |        |
| Occurrence flag                                     | Occurrence                     |        |
| Original Odometer Value                             | 22774.7                        | miles  |
| Most Recent Odometer Value                          | 24887.3                        | miles  |
| Frequency Counter                                   | 57                             |        |
| Ignition Cycle Counter                              | 0                              |        |
| Real time clock                                     | 39744444                       | sec    |
| RAM stamps keyOn                                    | 315                            | sec    |
| RAM Stamps                                          | 240659                         | Min    |
| Accelerator Pedal Position                          | 0                              | %      |
| Brake Switch Status                                 | Not Applied                    |        |
| PHEV Charging Status                                | No Charging                    |        |
| Engine Speed                                        | 0                              | rpm    |
| HV Battery SOC                                      | 85                             | %      |
| Ignition State                                      | Reserved                       |        |
| PRND Position Display                               | D                              |        |
| Propulsion System Active                            | True                           |        |
| Vehicle Speed                                       | 49.0641                        | MPH    |
| Motor A Temp Sensor                                 | 99                             | °F     |
| Motor B Temp Sensor                                 | 104                            | °F     |
| Barometric Pressure                                 | 14                             | PSI    |
| Engine Coolant Temperature                          | 79                             | °F     |
| Motor A Resolver Offset Learn Erase                 | not requested                  |        |
| Motor A Resolver Offset Learning Status Flag        | Applied                        |        |
| Motor B Resolver Offset Learning Status Flag        | Applied                        |        |
| Motor A Resolver Angle Offset                       | 1.20                           | Degree |
| Motor B Resolver Angle Offset                       | 3.60                           | Degree |
| Motor A Resolver Supply Voltage Value               | 15.75                          | Volts  |
| Motor B Resolver Supply Voltage Value               | 15.75                          | Volts  |
| Motor A Resolver to Digital Low Level Driver Faults | Resolver Degradation of Signal |        |
| Motor B Resolver to Digital Low Level Driver Faults | No fault                       |        |
| Battery Feed Voltage 2 Sense                        | 14.112                         | Volts  |
| Internal EPS Voltage Sense A                        | 8.136                          | Volts  |
| Internal EPS Voltage Sense B                        | 8.064                          | Volts  |
| Actual Torque - Motor A                             | -5.531                         | Ft-Lbs |
| Actual Torque - Motor B                             | 6.084                          | Ft-Lbs |
| Available Motor Torque - Motor A                    | 85.730                         | Ft-Lbs |
| Available Motor Torque - Motor B                    | 157.172                        | Ft-Lbs |
| Available Regen Torque - Motor A                    | -85.730                        | Ft-Lbs |
| Available Regen Torque - Motor B                    | -157.172                       | Ft-Lbs |
| Commanded Torque - Motor A                          | -5.531                         | Ft-Lbs |
| Commanded Torque - Motor B                          | 6.268                          | Ft-Lbs |
| Electric Motor A Speed                              | -6667.0                        | rpm    |
| Electric Motor B Speed                              | 5405.5                         | rpm    |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| Battery Feed Voltage 1 Sense            | 14.184                   | Volts   |
| Battery Feed Voltage 3 Sense            | 13.968                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Motor A - Inverter Current - phase A    | 32                       | AMP     |
| Motor A - Inverter Current - phase B    | -20                      | AMP     |
| Motor A - Inverter Current - phase C    | -20                      | AMP     |
| Motor B - Inverter Current - phase A    | 12                       | AMP     |
| Motor B - Inverter Current - phase B    | 0                        | AMP     |
| Motor B - Inverter Current - phase C    | -20                      | AMP     |
| Outside Air Temperature                 | 80.6                     | °F      |
| HCP ePT Wake-Up Output                  | On                       |         |
| CBC Wake-Up Input                       | Off                      |         |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |         |
| HV Contactor Status                     | Closed                   |         |
| HV Battery Voltage from BPCM            | 379.50                   | Volts   |
| PIM DC Link Voltage - A                 | 381                      | Volts   |
| PIM DC Link Voltage - B                 | 378                      | Volts   |
| Inverter A IGBT Temperature for phase A | 93                       | °F      |
| Inverter A IGBT Temperature for phase B | 91                       | °F      |
| Inverter A IGBT Temperature for phase C | 93                       | °F      |
| Inverter B IGBT Temperature for phase A | 91                       | °F      |
| Inverter B IGBT Temperature for phase B | 91                       | °F      |
| Inverter B IGBT Temperature for phase C | 91                       | °F      |
| APM Status                              | Buck CV                  |         |
| Impact Event                            | False                    |         |
| HCP System Shutdown Command             | Default                  |         |
| Distance Travelled with Light ON        | 65                       | miles   |
| Motor A Torque                          | -5.531                   | Ft-Lbs  |
| Motor B Torque                          | 6.084                    | Ft-Lbs  |
| OBCM Operating Mode                     | UTC                      |         |
| J1772 Prox Detected State               | Prox Out                 |         |
| HV Battery Sleep Time                   | 0                        | Days    |
| Motor B Resolver Offset Learn Erase     | not requested            |         |
| GPS Date - Year                         | 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 | POC19-00 | Stored | Drive Motor A Torque Delivered Performance-

| NAME | VALUE    | UNITS |
|------|----------|-------|
| DTC  | 0C 19 00 |       |

|                                                                     |             |        |
|---------------------------------------------------------------------|-------------|--------|
| Test Failed                                                         | False       |        |
| Test Failed This Operation Cycle                                    | False       |        |
| Pending DTC                                                         | 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                                             | 24869.3     | miles  |
| Most Recent Odometer Value                                          | 24926.6     | miles  |
| Frequency Counter                                                   | 6           |        |
| Ignition Cycle Counter                                              | 0           |        |
| Real time clock                                                     | 40068088    | sec    |
| RAM stamps keyOn                                                    | 15          | sec    |
| RAM Stamps                                                          | 241359      | Min    |
| Accelerator Pedal Position                                          | 0           | %      |
| Brake Switch Status                                                 | Applied     |        |
| PHEV Charging Status                                                | No Charging |        |
| Engine Speed                                                        | 1563        | rpm    |
| HV Battery SOC                                                      | 45          | %      |
| Ignition State                                                      | Reserved    |        |
| PRND Position Display                                               | R           |        |
| Propulsion System Active                                            | True        |        |
| Vehicle Speed                                                       | 0.0000      | MPH    |
| Barometric Pressure                                                 | 14          | PSI    |
| Engine Coolant Temperature                                          | 106         | °F     |
| Actual Torque - Motor A                                             | 0.000       | Ft-Lbs |
| Available Motor Torque - Motor A                                    | 10.509      | Ft-Lbs |
| Inverter A Input DC Current                                         | 0.0         | AMP    |
| Electric Motor A Speed                                              | 6415.5      | rpm    |
| Motor A - Inverter Current - phase A                                | -8          | AMP    |
| Motor A - Inverter Current - phase B                                | -72         | AMP    |
| Motor A - Inverter Current - phase C                                | 80          | 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                                        | 14.256                        | Volts |
| Internal EPS Voltage Sense A                                        | 8.136                         | Volts |
| Internal EPS Voltage Sense B                                        | 8.064                         | Volts |
| Hybrid System State                                                 | Determine Hybrid System State |       |
| PIM DC Link Voltage - A                                             | 351                           | Volts |

|                                                    |                               |        |
|----------------------------------------------------|-------------------------------|--------|
| PIM DC Link Voltage - B                            | 349                           | Volts  |
| Passive Pump Coolant Temp In Sensor                | 79                            | °F     |
| Low Temp Active Pump Speed                         | 0                             | rpm    |
| High Temp Aux Pump - Actual Speed                  | 672                           | rpm    |
| Outside Air Temperature                            | 64.4                          | °F     |
| HV Contactor Status                                | Closed                        |        |
| Inverter B Status Feedback                         | Normal On                     |        |
| Battery Feed Voltage 1 Sense                       | 14.544                        | Volts  |
| Actual Torque - Motor B                            | -0.369                        | Ft-Lbs |
| Available Motor Torque - Motor B                   | 232.854                       | Ft-Lbs |
| Available Regen Torque - Motor A                   | -10.509                       | Ft-Lbs |
| Available Regen Torque - Motor B                   | -232.854                      | Ft-Lbs |
| Commanded Torque - Motor A                         | -1.751                        | Ft-Lbs |
| Commanded Torque - Motor B                         | -2.581                        | 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                             | 104                           | Degree |
| Motor B Temp Sensor                                | 75                            | °F     |
| HCP ePT Wake-Up Output                             | On                            |        |
| CBC Wake-Up Input                                  | On                            |        |
| EPT LOC Diag Enable                                | Enable Limited LOC Diagnostic |        |
| HV Battery Voltage from BPCM                       | 350.00                        | Volts  |
| Electric Motor B Speed                             | -5.0                          | rpm    |
| Inverter A IGBT Temperature for phase A            | 86                            | °F     |
| Inverter A IGBT Temperature for phase B            | 86                            | °F     |
| Inverter A IGBT Temperature for phase C            | 86                            | °F     |
| Inverter B IGBT Temperature for phase A            | 79                            | °F     |
| Inverter B IGBT Temperature for phase B            | 79                            | °F     |
| Inverter B IGBT Temperature for phase C            | 84                            | °F     |
| APM Status                                         | Buck CV                       |        |
| Impact Event                                       | False                         |        |
| HCP System Shutdown Command                        | Default                       |        |
| Distance Travelled with Light ON                   | 0                             | miles  |
| Motor A Torque                                     | 0.000                         | Ft-Lbs |
| Motor B Torque                                     | -0.369                        | Ft-Lbs |
| OBCM Operating Mode                                | UTC                           |        |
| J1772 Prox Detected State                          | Prox Out                      |        |
| HV Battery Sleep Time                              | 0                             | Days   |
| Commanded Inverter A State                         | Torque Control                |        |
| Inverter Status Feedback                           | Inverter Faulted              |        |
| Motor A Phase U Over Voltage Fault VH - High-Side  | False                         |        |
| Motor A Phase U Under Voltage Fault VH - High-Side | False                         |        |
| Motor A Phase U Over Voltage Fault VL - High-Side  | False                         |        |

|                                                                     |                  |      |
|---------------------------------------------------------------------|------------------|------|
| Motor A Phase U Under Voltage Fault VL - High-Side                  | False            |      |
| Motor A Phase U Over Voltage Fault VDD - High-Side                  | False            |      |
| Motor A Phase U Under Voltage Fault VDD - High-Side                 | False            |      |
| Motor A Phase U Over Voltage Fault VH - Low-Side                    | False            |      |
| Motor A Phase U Under Voltage Fault VH - Low-Side                   | False            |      |
| Motor A Phase U Over Voltage Fault VL - Low-Side                    | False            |      |
| Motor A Phase U Under Voltage Fault VL - Low-Side                   | False            |      |
| Motor A Phase U Over Voltage Fault VDD - Low-Side                   | False            |      |
| Motor A Phase U Under Voltage Fault VDD - Low-Side                  | False            |      |
| Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side  | False            |      |
| Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side   | False            |      |
| Motor A Phase V Over Voltage Fault VH - High-Side                   | False            |      |
| Motor A Phase V Under Voltage Fault VH - High-Side                  | False            |      |
| Motor A Phase V Over Voltage Fault VL - High-Side                   | False            |      |
| Motor A Phase V Under Voltage Fault VL - High-Side                  | False            |      |
| Motor A Phase V Over Voltage Fault VDD - High-SideSide              | False            |      |
| Motor A Phase V Under Voltage Fault VDD - High-Side                 | False            |      |
| Motor A Phase V Over Voltage Fault VH - Low-Side                    | False            |      |
| Motor A Phase V Under Voltage Fault VH - Low-Side                   | False            |      |
| Motor A Phase V Over Voltage Fault VL - Low-Side                    | False            |      |
| Motor A Phase V Under Voltage Fault VL - Low-Side                   | False            |      |
| Motor A Phase V Over Voltage Fault VDD - Low-Side                   | False            |      |
| Motor A Phase V Under Voltage Fault VDD - Low-Side                  | False            |      |
| Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side  | False            |      |
| Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side   | False            |      |
| Motor A Phase W Cross Conduction Fault - High-Side                  | False            |      |
| Motor A Phase W Over Voltage Fault VH - High-Side                   | False            |      |
| Motor A Phase W Under Voltage Fault VH - High-Side                  | False            |      |
| Motor A Phase W Over Voltage Fault VL - High-Side                   | False            |      |
| Motor A Phase W Under Voltage Fault VL - High-Side                  | False            |      |
| Motor A Phase W Over Voltage Fault VDD - High-Side                  | False            |      |
| Motor A Phase W Under Voltage Fault VDD - High-Side                 | False            |      |
| Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side | False            |      |
| Motor A Phase W Over Voltage Fault VH - Low-Side                    | False            |      |
| Motor A Phase W Under Voltage Fault VH - Low-Side                   | False            |      |
| Motor A Phase W Over Voltage Fault VL - Low-Side                    | False            |      |
| Motor A Phase W Under Voltage Fault VL - Low-Side                   | False            |      |
| Motor A Phase W Over Voltage Fault VDD - Low-Side                   | False            |      |
| Motor A Phase W Under Voltage Fault VDD - Low-Side                  | False            |      |
| Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side  | False            |      |
| Inverter A Status Feedback                                          | Inverter Faulted |      |
| GPS Date - Year                                                     | 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 | P1AEE-00 | Stored | MCPA HV Battery System Voltage High-

| NAME                                               | VALUE       | UNITS  |
|----------------------------------------------------|-------------|--------|
| DTC                                                | 1A EE 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                            | 24888.2     | miles  |
| Most Recent Odometer Value                         | 24917.7     | miles  |
| Frequency Counter                                  | 2           |        |
| Ignition Cycle Counter                             | 0           |        |
| Real time clock                                    | 39971280    | sec    |
| RAM stamps keyOn                                   | 540         | sec    |
| RAM Stamps                                         | 241301      | Min    |
| Accelerator Pedal Position                         | 0           | %      |
| Brake Switch Status                                | Not Applied |        |
| PHEV Charging Status                               | No Charging |        |
| Engine Speed                                       | 0           | rpm    |
| HV Battery SOC                                     | 78          | %      |
| Ignition State                                     | Reserved    |        |
| PRND Position Display                              | N           |        |
| Propulsion System Active                           | False       |        |
| Vehicle Speed                                      | 50.2194     | MPH    |
| Barometric Pressure                                | 14          | PSI    |
| Engine Coolant Temperature                         | 91          | °F     |
| Actual Torque - Motor A                            | 0.000       | Ft-Lbs |
| Available Motor Torque - Motor A                   | 0.000       | Ft-Lbs |
| Inverter A Input DC Current                        | 0.0         | AMP    |
| Electric Motor A Speed                             | -6827.0     | rpm    |
| Motor A - Inverter Current - phase A               | 76          | AMP    |
| Motor A - Inverter Current - phase B               | -12         | AMP    |
| Motor A - Inverter Current - phase C               | -72         | 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                    | 13.608                | Volts  |
| Battery Feed Voltage 3 Sense                    | 13.536                | Volts  |
| Internal EPS Voltage Sense A                    | 8.136                 | Volts  |
| Internal EPS Voltage Sense B                    | 8.064                 | Volts  |
| Hybrid System State                             | SNA                   |        |
| PIM DC Link Voltage - A                         | 461                   | Volts  |
| PIM DC Link Voltage - B                         | 443                   | Volts  |
| Passive Pump Coolant Temp In Sensor             | 70                    | °F     |
| Low Temp Active Pump Speed                      | 0                     | rpm    |
| High Temp Aux Pump - Actual Speed               | 4752                  | rpm    |
| Outside Air Temperature                         | 60.8                  | °F     |
| HV Contactor Status                             | Open                  |        |
| Inverter B Status Feedback                      | Inverter Faulted      |        |
| Battery Feed Voltage 1 Sense                    | 13.680                | Volts  |
| Actual Torque - Motor B                         | 1.106                 | Ft-Lbs |
| Available Motor Torque - Motor B                | 3.503                 | Ft-Lbs |
| Available Regen Torque - Motor A                | 0.000                 | Ft-Lbs |
| Available Regen Torque - Motor B                | -3.503                | Ft-Lbs |
| Commanded Torque - Motor A                      | 0.000                 | Ft-Lbs |
| Commanded Torque - Motor B                      | 0.000                 | Ft-Lbs |
| Motor B - Inverter Current - phase A            | 12                    | AMP    |
| Motor B - Inverter Current - phase B            | -208                  | AMP    |
| Motor B - Inverter Current - phase C            | 192                   | AMP    |
| Motor B Resolver Angle                          | 94                    | Degree |
| Motor B Temp Sensor                             | 97                    | °F     |
| HCP ePT Wake-Up Output                          | On                    |        |
| CBC Wake-Up Input                               | Off                   |        |
| EPT LOC Diag Enable                             | Enable LOC Diagnostic |        |
| HV Battery Voltage from BPCM                    | 471.10                | Volts  |
| Electric Motor B Speed                          | 5538.5                | rpm    |
| Inverter A IGBT Temperature for phase A         | 73                    | °F     |
| Inverter A IGBT Temperature for phase B         | 75                    | °F     |
| Inverter A IGBT Temperature for phase C         | 75                    | °F     |
| Inverter B IGBT Temperature for phase A         | 72                    | °F     |
| Inverter B IGBT Temperature for phase B         | 73                    | °F     |
| Inverter B IGBT Temperature for phase C         | 73                    | °F     |
| APM Status                                      | Idle                  |        |
| Impact Event                                    | False                 |        |
| HCP System Shutdown Command                     | Default               |        |
| Distance Travelled with Light ON                | 96                    | miles  |
| Motor A Torque                                  | 0.000                 | Ft-Lbs |
| Motor B Torque                                  | 1.106                 | Ft-Lbs |

|                                                                     |                   |      |
|---------------------------------------------------------------------|-------------------|------|
| OBCM Operating Mode                                                 | UTC               |      |
| J1772 Prox Detected State                                           | Prox Out          |      |
| HV Battery Sleep Time                                               | 0                 | Days |
| Commanded Inverter A State                                          | Inverter Disabled |      |
| Inverter Status Feedback                                            | Inverter Faulted  |      |
| Motor A Phase U Over Voltage Fault VH - High-Side                   | False             |      |
| Motor A Phase U Under Voltage Fault VH - High-Side                  | False             |      |
| Motor A Phase U Over Voltage Fault VL - High-Side                   | False             |      |
| Motor A Phase U Under Voltage Fault VL - High-Side                  | False             |      |
| Motor A Phase U Over Voltage Fault VDD - High-Side                  | False             |      |
| Motor A Phase U Under Voltage Fault VDD - High-Side                 | False             |      |
| Motor A Phase U Over Voltage Fault VH - Low-Side                    | False             |      |
| Motor A Phase U Under Voltage Fault VH - Low-Side                   | False             |      |
| Motor A Phase U Over Voltage Fault VL - Low-Side                    | False             |      |
| Motor A Phase U Under Voltage Fault VL - Low-Side                   | False             |      |
| Motor A Phase U Over Voltage Fault VDD - Low-Side                   | False             |      |
| Motor A Phase U Under Voltage Fault VDD - Low-Side                  | False             |      |
| Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side  | False             |      |
| Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side   | False             |      |
| Motor A Phase V Over Voltage Fault VH - High-Side                   | False             |      |
| Motor A Phase V Under Voltage Fault VH - High-Side                  | False             |      |
| Motor A Phase V Over Voltage Fault VL - High-Side                   | False             |      |
| Motor A Phase V Under Voltage Fault VL - High-Side                  | False             |      |
| Motor A Phase V Over Voltage Fault VDD - High-SideSide              | False             |      |
| Motor A Phase V Under Voltage Fault VDD - High-Side                 | False             |      |
| Motor A Phase V Over Voltage Fault VH - Low-Side                    | False             |      |
| Motor A Phase V Under Voltage Fault VH - Low-Side                   | False             |      |
| Motor A Phase V Over Voltage Fault VL - Low-Side                    | False             |      |
| Motor A Phase V Under Voltage Fault VL - Low-Side                   | False             |      |
| Motor A Phase V Over Voltage Fault VDD - Low-Side                   | False             |      |
| Motor A Phase V Under Voltage Fault VDD - Low-Side                  | False             |      |
| Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side  | False             |      |
| Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side   | False             |      |
| Motor A Phase W Cross Conduction Fault - High-Side                  | False             |      |
| Motor A Phase W Over Voltage Fault VH - High-Side                   | False             |      |
| Motor A Phase W Under Voltage Fault VH - High-Side                  | False             |      |
| Motor A Phase W Over Voltage Fault VL - High-Side                   | False             |      |
| Motor A Phase W Under Voltage Fault VL - High-Side                  | False             |      |
| Motor A Phase W Over Voltage Fault VDD - High-Side                  | False             |      |
| Motor A Phase W Under Voltage Fault VDD - High-Side                 | False             |      |
| Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side | False             |      |
| Motor A Phase W Over Voltage Fault VH - Low-Side                    | False             |      |
| Motor A Phase W Under Voltage Fault VH - Low-Side                   | False             |      |
| Motor A Phase W Over Voltage Fault VL - Low-Side                    | False             |      |

|                                                                    |                  |         |
|--------------------------------------------------------------------|------------------|---------|
| Motor A Phase W Under Voltage Fault VL - Low-Side                  | False            |         |
| Motor A Phase W Over Voltage Fault VDD - Low-Side                  | False            |         |
| Motor A Phase W Under Voltage Fault VDD - Low-Side                 | False            |         |
| Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side | False            |         |
| Inverter A Status Feedback                                         | Inverter Faulted |         |
| GPS Date - Year                                                    | 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 | P1AEF-00 | Stored | MCPB High Voltage Battery System Voltage High-

| NAME                                    | VALUE       | UNITS  |
|-----------------------------------------|-------------|--------|
| DTC                                     | 1A EF 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                 | 24888.2     | miles  |
| Most Recent Odometer Value              | 24917.7     | miles  |
| Frequency Counter                       | 2           |        |
| Ignition Cycle Counter                  | 0           |        |
| Real time clock                         | 39971280    | sec    |
| RAM stamps keyOn                        | 540         | sec    |
| RAM Stamps                              | 241301      | Min    |
| Accelerator Pedal Position              | 0           | %      |
| Brake Switch Status                     | Not Applied |        |
| PHEV Charging Status                    | No Charging |        |
| Engine Speed                            | 0           | rpm    |
| HV Battery SOC                          | 78          | %      |
| Ignition State                          | Reserved    |        |
| PRND Position Display                   | N           |        |
| Propulsion System Active                | False       |        |
| Vehicle Speed                           | 50.2194     | MPH    |
| Barometric Pressure                     | 14          | PSI    |
| Engine Coolant Temperature              | 91          | °F     |
| Actual Torque - Motor B                 | 1.014       | Ft-Lbs |

|                                                                     |                   |        |
|---------------------------------------------------------------------|-------------------|--------|
| Available Motor Torque - Motor B                                    | 3.872             | Ft-Lbs |
| Inverter B Input DC Current                                         | 0.0               | AMP    |
| Electric Motor B Speed                                              | 5537.0            | rpm    |
| Commanded Inverter B State                                          | Inverter Disabled |        |
| Motor B - Inverter Current - phase A                                | 204               | AMP    |
| Motor B - Inverter Current - phase B                                | -200              | AMP    |
| Motor B - Inverter Current - phase C                                | -12               | AMP    |
| Inverter B Status Feedback                                          | Inverter Faulted  |        |
| Motor B Phase U Short Fault - High-Side                             | False             |        |
| Motor B Phase U Cross Conduction Fault - High-Side                  | False             |        |
| Motor B Phase U Thermal Warning Fault - High-Side                   | False             |        |
| Motor B Phase U Thermal Shutdown Fault - High-Side                  | False             |        |
| Motor B Phase U Comm Error High Voltage Regulator Fault - High-Side | False             |        |
| Motor B Phase U SPI Error Fault - High-Side                         | False             |        |
| Motor B Phase U Hardware Error Fault - High-Side                    | False             |        |
| Motor B Phase U Short Fault - Low-Side                              | False             |        |
| Motor B Phase U Cross Conduction Fault - Low-Side                   | False             |        |
| Motor B Phase U Over Current Fault - Low-Side                       | False             |        |
| Motor B Phase U Thermal Warning Fault - Low-Side                    | False             |        |
| Motor B Phase U Thermal Shutdown Fault - Low-Side                   | False             |        |
| Motor B Phase U Comm Error High Voltage Regulator Fault - Low-Side  | False             |        |
| Motor B Phase U Comm Error Low Voltage Regulator Fault - Low-Side   | False             |        |
| Motor B Phase U SPI Error Fault - Low-Side                          | False             |        |
| Motor B Phase U Hardware Error Fault - Low-Side                     | False             |        |
| Motor B Phase V Short Fault - High-Side                             | False             |        |
| Motor B Phase V Cross Conduction Fault - High-Side                  | False             |        |
| Motor B Phase V Over Current Fault - High-Side                      | False             |        |
| Motor B Phase V Thermal Warning Fault - High-Side                   | False             |        |
| Motor B Phase V Thermal Shutdown Fault - High-Side                  | False             |        |
| Motor B Phase V Comm Error High Voltage Regulator Fault - High-Side | False             |        |
| Motor B Phase V Comm Error Low Voltage Regulator Fault - High-Side  | False             |        |
| Motor B Phase V SPI Error Fault - High-Side                         | False             |        |
| Motor B Phase V Hardware Error Fault - High-Side                    | False             |        |
| Motor B Phase V Short Fault - Low-Side                              | False             |        |
| Motor B Phase V Cross Conduction Fault - Low-Side                   | False             |        |
| Motor B Phase V Over Current Fault - Low-Side                       | False             |        |
| Motor B Phase V Thermal Warning Fault - Low-Side                    | False             |        |
| Motor B Phase V Thermal Shutdown Fault - Low-Side                   | False             |        |
| Motor B Phase V Comm Error High Voltage Regulator Fault - Low-Side  | False             |        |
| Motor B Phase V Comm Error Low Voltage Regulator Fault - Low-Side   | False             |        |
| Motor B Phase V SPI Error Fault - Low-Side                          | False             |        |
| Motor B Phase V Hardware Error Fault - Low-Side                     | False             |        |
| Motor B Phase W Short Fault - High-Side                             | False             |        |
| Motor B Phase W Cross Conduction Fault - High-Side                  | False             |        |

|                                                                     |                       |        |
|---------------------------------------------------------------------|-----------------------|--------|
| Motor B Phase W Over Current Fault - High-Side                      | False                 |        |
| Motor B Phase W Thermal Warning Fault - High-Side                   | False                 |        |
| Motor B Phase W Comm Error High Voltage Regulator Fault - High-Side | False                 |        |
| Motor B Phase W Comm Error Low Voltage Regulator Fault - High-Side  | False                 |        |
| Motor B Phase W SPI Error Fault - High-Side                         | False                 |        |
| Motor B Phase W Hardware Error Fault - High-Side                    | False                 |        |
| Motor B Phase W Short Fault - Low-Side                              | False                 |        |
| Motor B Phase W Cross Conduction Fault - Low-Side                   | False                 |        |
| Motor B Phase W Over Current Fault - Low-Side                       | False                 |        |
| Motor B Phase W Thermal Warning Fault - Low-Side                    | False                 |        |
| Motor B Phase W Thermal Shutdown Fault - Low-Side                   | False                 |        |
| Motor B Phase W Comm Error High Voltage Regulator Fault - Low-Side  | False                 |        |
| Motor B Phase W Comm Error Low Voltage Regulator Fault - Low-Side   | False                 |        |
| Motor B Phase W SPI Error Fault - Low-Side                          | False                 |        |
| Motor B Phase W Hardware Error Fault - Low-Side                     | False                 |        |
| Motor B Resolver Supply Voltage Value                               | 15.75                 | Volts  |
| Battery Feed Voltage 2 Sense                                        | 13.608                | Volts  |
| Internal EPS Voltage Sense A                                        | 8.136                 | Volts  |
| Internal EPS Voltage Sense B                                        | 8.064                 | Volts  |
| Battery Feed Voltage 1 Sense                                        | 13.680                | Volts  |
| Battery Feed Voltage 3 Sense                                        | 13.536                | Volts  |
| Hybrid System State                                                 | SNA                   |        |
| Actual Torque - Motor A                                             | 0.000                 | Ft-Lbs |
| Available Motor Torque - Motor A                                    | 0.000                 | Ft-Lbs |
| Available Regen Torque - Motor A                                    | 0.000                 | Ft-Lbs |
| Available Regen Torque - Motor B                                    | -3.872                | Ft-Lbs |
| Commanded Torque - Motor A                                          | 0.000                 | Ft-Lbs |
| Commanded Torque - Motor B                                          | 0.000                 | Ft-Lbs |
| Motor A - Inverter Current - phase A                                | 68                    | AMP    |
| Motor A - Inverter Current - phase B                                | -88                   | AMP    |
| Motor A - Inverter Current - phase C                                | 12                    | AMP    |
| Motor A Resolver Angle                                              | Invalid Value         | Degree |
| Motor A Temp Sensor                                                 | 95                    | °F     |
| Outside Air Temperature                                             | 60.8                  | °F     |
| HCP ePT Wake-Up Output                                              | On                    |        |
| CBC Wake-Up Input                                                   | Off                   |        |
| EPT LOC Diag Enable                                                 | Enable LOC Diagnostic |        |
| HV Contactor Status                                                 | Open                  |        |
| HV Battery Voltage from BPCM                                        | 471.10                | Volts  |
| Electric Motor A Speed                                              | -6825.0               | rpm    |
| PIM DC Link Voltage - A                                             | 461                   | Volts  |
| PIM DC Link Voltage - B                                             | 443                   | Volts  |
| Inverter A IGBT Temperature for phase A                             | 73                    | °F     |
| Inverter A IGBT Temperature for phase B                             | 75                    | °F     |

|                                                                    |          |        |
|--------------------------------------------------------------------|----------|--------|
| Inverter A IGBT Temperature for phase C                            | 75       | °F     |
| Inverter B IGBT Temperature for phase A                            | 72       | °F     |
| Inverter B IGBT Temperature for phase B                            | 73       | °F     |
| Inverter B IGBT Temperature for phase C                            | 73       | °F     |
| APM Status                                                         | Idle     |        |
| Impact Event                                                       | False    |        |
| HCP System Shutdown Command                                        | Default  |        |
| Distance Travelled with Light ON                                   | 96       | miles  |
| Motor A Torque                                                     | 0.000    | Ft-Lbs |
| Motor B Torque                                                     | 1.014    | Ft-Lbs |
| OBCM Operating Mode                                                | UTC      |        |
| J1772 Prox Detected State                                          | Prox Out |        |
| HV Battery Sleep Time                                              | 0        | Days   |
| Motor B Phase U Over Current Fault - High-Side                     | False    |        |
| Motor B Phase U Over Voltage Fault VH - High-Side                  | False    |        |
| Motor B Phase U Under Voltage Fault VH - High-Side                 | False    |        |
| Motor B Phase U Over Voltage Fault VL - High-Side                  | False    |        |
| Motor B Phase U Under Voltage Fault VL - High-Side                 | False    |        |
| Motor B Phase U Over Voltage Fault VDD - High-Side                 | False    |        |
| Motor B Phase U Under Voltage Fault VDD - High-Side                | False    |        |
| Motor B Phase U Comm Error Low Voltage Regulator Fault - High-Side | False    |        |
| Motor B Phase U Over Voltage Fault VH - Low-Side                   | False    |        |
| Motor B Phase U Under Voltage Fault VH - Low-Side                  | False    |        |
| Motor B Phase U Over Voltage Fault VL - Low-Side                   | False    |        |
| Motor B Phase U Under Voltage Fault VL - Low-Side                  | False    |        |
| Motor B Phase U Over Voltage Fault VDD - Low-Side                  | False    |        |
| Motor B Phase U Under Voltage Fault VDD - Low-Side                 | False    |        |
| Motor B Phase V Over Voltage Fault VH - High-Side                  | False    |        |
| Motor B Phase V Under Voltage Fault VH - High-Side                 | False    |        |
| Motor B Phase V Over Voltage Fault VL - High-Side                  | False    |        |
| Motor B Phase V Under Voltage Fault VL - High-Side                 | False    |        |
| Motor B Phase V Over Voltage Fault VDD - High-Side                 | False    |        |
| Motor B Phase V Under Voltage Fault VDD - High-Side                | False    |        |
| Motor B Phase V Over Voltage Fault VH - Low-Side                   | False    |        |
| Motor B Phase V Under Voltage Fault VH - Low-Side                  | False    |        |
| Motor B Phase V Over Voltage Fault VL - Low-Side                   | False    |        |
| Motor B Phase V Under Voltage Fault VL - Low-Side                  | False    |        |
| Motor B Phase V Over Voltage Fault VDD - Low-Side                  | False    |        |
| Motor B Phase V Under Voltage Fault VDD - Low-Side                 | False    |        |
| Motor B Phase W Over Voltage Fault VH - High-Side                  | False    |        |
| Motor B Phase W Under Voltage Fault VH - High-Side                 | False    |        |
| Motor B Phase W Over Voltage Fault VL - High-Side                  | False    |        |
| Motor B Phase W Under Voltage Fault VL - High-Side                 | False    |        |
| Motor B Phase W Over Voltage Fault VDD - High-Side                 | False    |        |

|                                                     |       |         |
|-----------------------------------------------------|-------|---------|
| Motor B Phase W Under Voltage Fault VDD - High-Side | False |         |
| Motor B Phase W Thermal Shutdown Fault - High-Side  | False |         |
| Motor B Phase W Over Voltage Fault VH - Low-Side    | False |         |
| Motor B Phase W Under Voltage Fault VH - Low-Side   | False |         |
| Motor B Phase W Over Voltage Fault VL - Low-Side    | False |         |
| Motor B Phase W Under Voltage Fault VL - Low-Side   | False |         |
| Motor B Phase W Over Voltage Fault VDD - Low-Side   | False |         |
| Motor B Phase W Under Voltage Fault VDD - Low-Side  | False |         |
| GPS Date - Year                                     | 0     | Year    |
| GPS Date - Month                                    | 1     |         |
| GPS Date - Day                                      | 1     | Days    |
| UTC Time - Hours                                    | 0     | Hours   |
| UTC Time - Minutes                                  | 0     |         |
| UTC Time - Seconds                                  | 0     | seconds |
| ECU Time - Milliseconds                             | 0     | ms      |

## SNAPSHOT DATA SUMMARY

No Snapshot Data available for P2271

No Snapshot Data available for P0420

No Snapshot Data available for P0138

No Snapshot Data available for C0077-00

No Snapshot Data available for P0A3F-00

No Snapshot Data available for P0A43-00

No Snapshot Data available for P0C19-00

No Snapshot Data available for P1AEE-00

No Snapshot Data available for P1AEF-00







