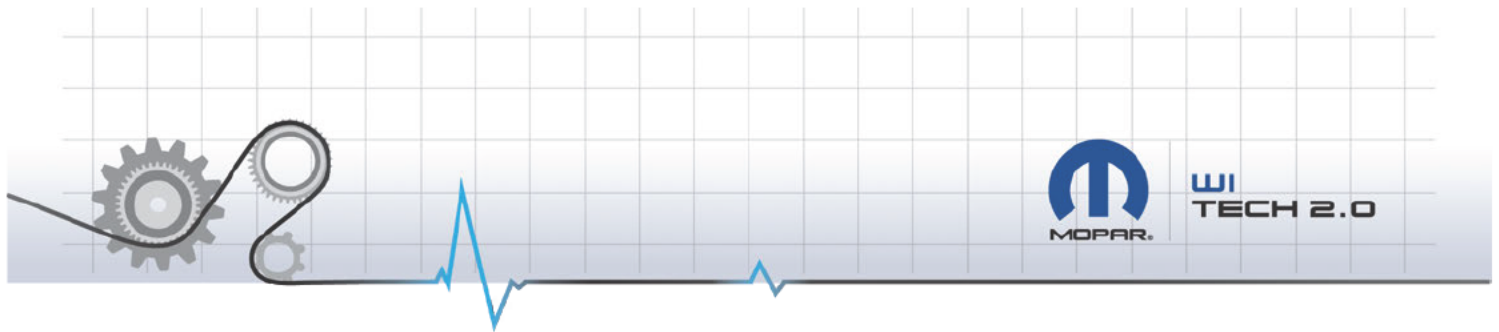


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## CONFIGURATION REPORT

**Vehicle** 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE  
**VIN** 2C4RC1N7 [REDACTED]

**Odometer** 16483.2 miles  
**Publication Date** Mar 17, 2021, 3:25:19 PM

## ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | CURRENT | [REDACTED] | ORIGINAL | [REDACTED] | PART #     |
|-------|--------------------------------|----------|--------------|---------|------------|----------|------------|------------|
| PCM   | Powertrain Control Module      | CAN-C    | 68416680AF   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68416680AF |
| ICS   | Integrated Center Stack        | CAN-I    | 6EV321X8AB   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 6EV321X8AB |
| RFH   | Radio Frequency Hub            | CAN-C    | 68383680AC   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68383680AC |
| ESM   | Electronic Shifter             | CAN-C    | 68240089AL   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68240089AL |
| ORC   | Occupant Restraint             | CAN-C    | 68405567AB   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68405567AB |
| EPS   | Electric Power Steering        | CAN-C    | 68416741AA   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68416741AA |
| HVAC  | Heat, Ventilation and A/C      | CAN-I    | 68406613AA   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68406613AA |
| DDM   | Driver Door Module             | CAN-I    | 68316559AD   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68316559AD |
| PDM   | Passenger Door Module          | CAN-I    | 68316558AD   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68316558AD |
| DMRL  | Door Module Rear Left          | CAN-I    | 68225096AG   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68225096AG |
| DMRR  | Door Module Rear Right         | CAN-I    | 68225096AG   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68225096AG |
| PSDML | Power Sliding Doors (Left)     | CAN-I    | 68369596AB   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68369596AB |
| PSDMR | Power Sliding Doors (Right)    | CAN-I    | 68369596AB   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68369596AB |
| MSM   | Memory Seat Module             | CAN-I    | 68321862AC   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68321862AC |
| PLGM  | Power Liftgate                 | CAN-I    | 68316094AF   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68316094AF |
| AMP   | Amplifier                      | CAN-I    | 68440634AA   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68440634AA |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68405292AC   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68405292AC |
| PTS   | Parktronics                    | CAN-C    | 68193775AJ   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68193775AJ |
| SCCM  | Steering Column Control Module | CAN-C    | 68360889AC   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68360889AC |
| BCM   | Body Controller                | CAN-C    | 68402177AB   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 68402177AB |
| ACC   | Adaptive Cruise Control        | CAN-C    | 04672758AB   | 2C4RC1N | [REDACTED] | 2C4RC1N7 | [REDACTED] | 04672758AB |

|       |                                    |       |            |          |         |            |
|-------|------------------------------------|-------|------------|----------|---------|------------|
| HSM   | Heated Seat Module                 | CAN-I | 68421106AA | 2C4RC1N7 | 2C4RC1N | 68421106AA |
| RADIO | Radio                              | CAN-I | 68429204AC | 2C4RC1   | 2C4RC1N | 68429204AC |
| OCM   | Occupant Classification            | CAN-C | 68403127AA | 2C4RC1N7 | 2C4RC1N | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB | 2C4RC1N7 | 2C4RC1N | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AB | 2C4RC1N7 | 2C4RC1N | 04672786AB |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AB | 2C4RC1N7 | 2C4RC1N | 04672786AB |
| FFCM  | Forward Facing Camera Module       | CAN-C | 04672776AA | 2C4RC1N7 | 2C4RC1N | 04672776AA |
| EDM   | External Disc Module               | CAN-I | 68378304AA | 2C4RC1N7 | 2C4RC1N | 68378304AA |
| APM   | Accessory Power Module             | CAN-C | 05185046AB | 2C4RC1N7 | 2C4RC1N | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 05193166AD | 2C4RC1N7 | 2C4RC1N | 05193166AD |
| HCP   | Hybrid Control Processor           | CAN-C | 05190240AP | 2C4RC1N7 | 2C4RC1N | 05190240AP |
| OBCM  | On Board Charging Module           | CAN-C | 05185047AD | 2C4RC1N7 | 2C4RC1N | 05185047AD |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC | 2C4RC1N7 | 2C4RC1N | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68316174AB | 2C4RC1N7 | 2C4RC1N | 68316174AB |
| VRM   | Video Routing Module               | CAN-I | 68376134AE | 2C4RC1N7 | 2C4RC1N | 68376134AE |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 68405948AA | 2C4RC1N7 | 2C4RC1N | 68405948AA |
| CVPM  | Central vision processing module   | CAN-I | 68375113AA | 2C4RC1N7 | 2C4RC1N | 68375113AA |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG | 2C4RC1N7 | 2C4RC1N | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05190241AP | 2C4RC1N7 | 2C4RC1N | 05190241AP |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68461813AB | 2C4RC1N7 | 2C4RC1N | 68461813AB |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68283578AD | 2C4RC1N7 | 2C4RC1N | 68283578AD |
| SGW   | Security Gateway Module            | CAN-C | 68420261AA |          | 2C4RC1N | 68420261AA |

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

| ECU | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT | CVNS     |
|-----|--------------|------------------|------------------|-------|----------|
| PCM | USA          | 1B 47            | 46 03 01         | 4419  | D36F6D84 |
| ICS | USA          | 0F 0C 00         | 11 16 00         | 4700  |          |
| RFH | USA / USA    | 10 17 00         | 12 18 00         | 4A00  |          |
| ESM | USA / USA    | 0F 24 00         | 12 02 FF         | 4402  |          |
| ORC | USA / USA    | 11 1F 00         | 11 27 00         | 4301  |          |
| EPS | USA / USA    | 12 02 03         | 11 15 01         | 4502  |          |

|       |           |          |          |      |                                  |
|-------|-----------|----------|----------|------|----------------------------------|
| HVAC  | USA       | 0E 09 00 | 11 29 01 | 4401 |                                  |
| DDM   | USA / USA | 11 30 00 | 17 42 00 | 4102 |                                  |
| PDM   | USA       | 11 30 00 | 17 42 00 | 4102 |                                  |
| 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 | 11 2D 10 | 4001 |                                  |
| PSDMR | USA / USA | 10 17 00 | 11 2D 10 | 4001 |                                  |
| MSM   | USA       | 0F 2B 00 | 10 27 03 | 4101 |                                  |
| PLGM  | USA       | 17 19 00 | 18 22 00 | 4202 |                                  |
| AMP   | USA       | 0F 05 01 | 12 1A 01 | 4021 |                                  |
| IPC   | USA / USA | 12 0A 00 | 12 10 00 | 4704 |                                  |
| PTS   | USA       | 0E 32 00 | 12 1F 00 | 4311 |                                  |
| SCCM  | USA       | 0E 30 00 | 10 2B 00 | 4301 |                                  |
| BCM   | USA       | 0D 11 00 | 12 0B 90 | 4415 |                                  |
| ACC   | USA / USA | 12 2F 00 | 11 0D 00 | 4201 |                                  |
| HSM   | USA / USA | 15 12 00 | 12 05 01 | 4003 |                                  |
| RADIO | USA       | 13 1A 1E | 13 1A 1E | 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 | 11 2B 00 | 4102 |                                  |
| EDM   | USA       | 12 0A 00 | 11 08 00 | 4000 |                                  |
| APM   | USA / USA | 11 32 00 | 11 32 00 | 4001 |                                  |
| BPCM  |           | 0E 03 00 | 13 18 03 | 4005 | F5BC8401                         |
| HCP   | USA       | 11 1D 07 | 14 08 01 | 4005 | E1481262<br>302EEFA0<br>31B4913E |
| OBCM  | USA       | 0F 0D 00 | 11 2B 00 | 4002 |                                  |
| MSMP  | USA       | 0F 2B 00 | 10 27 03 | 4001 |                                  |
| DSM   | USA / USA | 11 16 00 | 11 15 00 | 4000 |                                  |
| VRM   | USA / USA | 0F 1C 00 | 11 32 13 | 4001 |                                  |
| RCCC  | USA       | 0F 1D 00 | 11 25 00 | 4000 |                                  |
| CVPM  | USA / USA | 11 32 01 | 12 13 04 | 4003 |                                  |
| EAC   | USA       | 0E 34 00 | 12 0F 00 | 4102 |                                  |
| AHCP  | USA       | 11 1D 07 | 14 08 01 | 4000 |                                  |
| EBBM  | USA       | 0E 19 02 | 14 0D 18 | 4000 | E5898FA5                         |
| ABSO  | USA       | 0E 15 02 | 14 13 17 | 4201 | D6E2728F                         |
| SGW   |           | 5        | 564      | 4102 |                                  |

## CONFIGURATION

### PCM CONFIGURATION

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



|                                                      |           |  |
|------------------------------------------------------|-----------|--|
| Electronic Parking Brake Equipped                    | True      |  |
| Active Exhaust Valve(s) Equipped                     | False     |  |
| Heater Temp Control Valve Equipped                   | False     |  |
| Aux Coolant Pump Heater Equipped                     | False     |  |
| Wastegate HBridge Equipped                           | False     |  |
| High Side Port Tumble Valve Equipped                 | False     |  |
| Mechanical Coolant Pump Equipped                     | False     |  |
| Throttle Inlet Temp Sensor Equipped                  | False     |  |
| Power Steering Angle Sensor Mandatory                | False     |  |
| SWAP HARDWIRED BRAKE SWITCH INPUTS                   | False     |  |
| INTAKE O2 SENSOR EQUIPPED                            | False     |  |
| Make Up Air Sensor Equipped                          | False     |  |
| Cylinder Pressure Sensor Equipped                    | False     |  |
| Bi-Directional Crank Sensor Equipped                 | True      |  |
| 5 Button Cruise (LIN) Equipped                       | True      |  |
| Mass Airflow System Equipped                         | False     |  |
| LIN Humidity, Temp, and Pressure Sensor Equipped     | False     |  |
| Dual Fuel Pressure Sensor Equipped                   | False     |  |
| Clutch Sensor Equipped                               | False     |  |
| Operator Idle Speed Request Equipped                 | False     |  |
| Brake Pedal Sensor Equipped                          | False     |  |
| CUSW 4-Button Cruise Equipped                        | False     |  |
| Remote Start Present                                 | Present   |  |
| Electronic Throttle Control Equipped                 | True      |  |
| Powernet Equipped                                    | True      |  |
| 1.8 Liter WI4 engine                                 | False     |  |
| Turbocharger Equipped                                | False     |  |
| Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped | False     |  |
| GPEC2 Equipped                                       | False     |  |
| 40TE / 41TE / 41TEA                                  | False     |  |
| Electric Water Pump Equipped                         | False     |  |
| Fan Wake Up Relay System Equipped                    | False     |  |
| Turbine Volute Valve Actuator Equipped               | Undefined |  |
| Vehicle Speed Sensor #1 Calculated by ECU            | False     |  |
| ERS Equipped Indicator                               | False     |  |
| Constant Heater Temperature Control Valve Equipped   | False     |  |
| VFS Actuators Available Indicator                    | False     |  |
| ESIM Equipped                                        | False     |  |
| Electronic Automatic Transmission (EATX) Equipped    | False     |  |
| Dual Speed Fuel Pump Equipped                        | False     |  |
| VMM Equipped                                         | False     |  |
| 3.6 Liter V6 Engine                                  | True      |  |
| Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped | False     |  |
| 2.7 Liter V6 Engine                                  | False     |  |

|                                                                    |                                  |  |
|--------------------------------------------------------------------|----------------------------------|--|
| Throttle Inlet Temp Sensor Equipped                                | False                            |  |
| EMAT (Getrag DCT transmission) Equipped                            | False                            |  |
| WI4 Intake Flow Control Valve Equipped                             | False                            |  |
| Engine Stop Start Equipped                                         | False                            |  |
| 3.2 Liter V6 Engine                                                | False                            |  |
| A/C Equipped                                                       | True                             |  |
| Cooled EGR Equipped                                                | False                            |  |
| 42RLE                                                              | False                            |  |
| Active Grille Shutter Equipped                                     | False                            |  |
| 3.0 Liter V6 Engine                                                | False                            |  |
| Vehicle Speed Sensor #1 Calculated from CAN                        | False                            |  |
| GPEC4 Equipped                                                     | False                            |  |
| Aisin 6-Speed RWD Transmission Equipped                            | False                            |  |
| 2 Liter Continuous Variable Transmission Equipped                  | False                            |  |
| Supercharger Equipped                                              | False                            |  |
| Buffered Crank Output for ANC (Active Noise Cancellation) Equipped | True                             |  |
| Yaw Rate Sensor ESC Equipped                                       | False                            |  |
| Inrush Current Reduction Relay Equipped                            | False                            |  |
| 2.0 Liter WI4 engine                                               | False                            |  |
| 3.5 Liter V6 Engine                                                | False                            |  |
| HPT 6-Speed Transmission Equipped                                  | False                            |  |
| 1.0 Liter I3 Engine                                                | False                            |  |
| Auxiliary Coolant Pump Heater Equipped                             | Undefined                        |  |
| Low Temperature Radiator Coolant Pump Equipped                     | False                            |  |
| 6.4 Liter V8 Engine                                                | False                            |  |
| Dual Fuel Tank Equipped                                            | False                            |  |
| 4 Button Integrated Cruise Control                                 | False                            |  |
| Wide Range O2 Sensor 2/1 Equipped                                  | False                            |  |
| 2 Speed Fan 3 Driver 3 Relay System Equipped                       | False                            |  |
| Oil Pressure Sensor Enabled                                        | True                             |  |
| MDS Equipped                                                       | False                            |  |
| 6.2 Liter V8 Engine                                                | False                            |  |
| DUAL_ALTERNATOR_GEN1_LEARNEDCOPY                                   | False                            |  |
| Intake Cam 2 Equipped                                              | True                             |  |
| High Side Port Tumble Valve Equipped                               | Undefined                        |  |
| Brushless PWM Fan Equipped                                         | NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG |  |
| 4.7 Liter V8 Engine                                                | False                            |  |
| Knock Sensor 2 Equipped                                            | True                             |  |
| O2 Sensor Bank 1 Sensor 1 Equipped                                 | True                             |  |
| Secondary Air Equipped                                             | False                            |  |
| Operator Idle Speed Request Equipped                               | False                            |  |
| Barometric Sensor Equipped                                         | False                            |  |
| Transmission Oil Heater Equipped                                   | False                            |  |
| Unleaded diesel fuel                                               | False                            |  |

|                                              |           |  |
|----------------------------------------------|-----------|--|
| O2 Sensor Bank 1 Sensor 2 Equipped           | True      |  |
| Sensorless FFV Enabled                       | False     |  |
| TOOL_CONFIG_ACTIVE_AIR_DAM_EQUIPPED          | False     |  |
| CUSW (29-Bit) Equipped                       | False     |  |
| Trans Skip Shift Equipped                    | False     |  |
| CUSW PROXI Write Programming Support Enabled | False     |  |
| Police Package Equipped                      | False     |  |
| PWM Fan Motor System Equipped                | True      |  |
| 6.1 Liter V8 Engine                          | False     |  |
| VLP Equipped Indicator                       | False     |  |
| Coolant On-Off Pump Equipped                 | False     |  |
| CMCV H-Bridge Equipped                       | Undefined |  |
| Coolant On-Off Valve Equipped                | False     |  |
| Active Exhaust Valve Equipped                | False     |  |
| AC Equipped Over Bus                         | False     |  |
| Hybrid Electric Vehicle Equipped             | True      |  |
| ICC Cruise Equipped                          | False     |  |
| 4 Speed Automatic Transmission Equipped      | False     |  |
| Wide Range O2 Sensor 1/1 Equipped            | False     |  |
| Secondary Fuel Pump Equipped                 | False     |  |
| Rear Heater Equipped                         | False     |  |
| Variable Displacement AC Equipped            | False     |  |
| Linear EGR Equipped                          | False     |  |
| Compressed Natural Gas Equipped              | False     |  |
| Auxiliary Coolant Pump Equipped              | False     |  |
| Fixed displacement AC Equipped               | True      |  |
| Viscosity Sensor Equipped                    | False     |  |
| Mechanical Coolant Pump Heater Equipped      | False     |  |
| Dual Stage Oil Pump Equipped                 | True      |  |
| TIP Equipped                                 | False     |  |
| 66RFE / 68RFE                                | False     |  |
| Linear Purge Equipped                        | False     |  |
| Wastegate H-Bridge Equipped                  | Undefined |  |
| SRV Equipped                                 | False     |  |
| CUSW (11-Bit) Equipped                       | False     |  |
| Electronic Coolant Pump Equipped             | False     |  |
| 4.0 Liter I6 Engine                          | False     |  |
| Cummins Equipped                             | False     |  |
| Exhaust Cam 2 Equipped                       | True      |  |
| Intake Cam 1 Equipped                        | True      |  |
| Tumble Generator Valve Equipped              | False     |  |
| Adaptive Cruise Control Hardware Equipped    | False     |  |
| Unleaded Gasoline Fuel                       | True      |  |
| 1 Speed Fan Mechanical Relay System Equipped | False     |  |

|                                                                  |       |  |
|------------------------------------------------------------------|-------|--|
| Transmission Software Included                                   | False |  |
| 2 Speed Fan PWM Relay System Equipped                            | False |  |
| 3 Speed Fan Mechanical Relay System Equipped                     | False |  |
| MTV Solenoid Equipped                                            | False |  |
| Port Flap Valve Equipped                                         | False |  |
| Dual Fuel Pressure Sensor Equipped                               | False |  |
| 5.7 Liter V8 Engine                                              | False |  |
| O2 Sensor Bank 2 Sensor 1 Equipped                               | True  |  |
| ZF 9-Speed Transmission Equipped                                 | False |  |
| 3.7 Liter V6 Engine                                              | False |  |
| TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED                                | True  |  |
| Battery Temp Sensor Equipped                                     | False |  |
| O2 Sensor Bank 1 Sensor 3 Equipped                               | False |  |
| Knock Sensor 1 Equipped                                          | True  |  |
| Fiat VIN Learning Strategy Equipped                              | False |  |
| Power Steering Switch Equipped                                   | False |  |
| Clutch Interlock Switch Equipped                                 | False |  |
| ETC Cruise equipped                                              | False |  |
| Direct Injection Equipped                                        | False |  |
| 2 Speed Fan Mechanical Relay System Equipped                     | False |  |
| Active Exhaust Pressure Sensor Equipped                          | False |  |
| Fiat 940 Compact Equipped                                        | False |  |
| 3.3 Liter V6 Engine                                              | False |  |
| Brake Pedal Sensor Equipped                                      | False |  |
| 2.4 Liter WI4 engine                                             | False |  |
| Exhaust Cam 1 Equipped                                           | True  |  |
| 3.8 Liter V6 Engine                                              | False |  |
| Shift Indicator Lamp Equipped                                    | False |  |
| Humidity, Temperature and Pressure Sensor (LIN) Equipped         | False |  |
| Linear PWM Fan Relay System Equipped                             | False |  |
| Starter Relay 2 Equipped                                         | False |  |
| Auxiliary Heater Electric Water Pump Equipped                    | False |  |
| AC Equipped                                                      | False |  |
| 62TE                                                             | False |  |
| Buffered Crank Output for PHEV Engine Pulse Calculation Equipped | True  |  |
| VLP Is Learnable Indicator                                       | False |  |
| WI4 Variable Valve Timing Equipped                               | True  |  |
| MultiAir Equipped                                                | False |  |
| Electronic Vacuum Pump Equipped                                  | False |  |
| Continuous Variable Transmission Equipped                        | False |  |
| Primary Lin Alternator Equipped                                  | False |  |
| PTO System Equipped                                              | False |  |
| Trans Reverse Lockout Equipped                                   | False |  |
| Engine Oil Heater Cooler Equipped                                | True  |  |

|                                                      |              |      |
|------------------------------------------------------|--------------|------|
| GPEC2A Equipped                                      | True         |      |
| Engine Software In Package                           | True         |      |
| Duty Cycle Purge Valve Equipped                      | True         |      |
| Variable Speed Fuel Pump Equipped                    | True         |      |
| O2 Sensor Bank 2 Sensor 2 Equipped                   | True         |      |
| Electric Coolant Valve Equipped                      | False        |      |
| Next Gen Bus Equipped                                | False        |      |
| 45RFE / 545RFE / 65RFE                               | False        |      |
| Adaptive Cruise Control Equipped                     | True         |      |
| Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped | False        |      |
| GPEC3 Equipped                                       | False        |      |
| Engine Idle Shutoff Equipped                         | False        |      |
| Electric Thermostat Heater Equipped                  | False        |      |
| Active Engine Mount Equipped                         | False        |      |
| Primary Lin Alternator Equipped                      | Not Equipped |      |
| Variable Valve Lift Equipped                         | Not Equipped |      |
| 1.0 Liter I3 Engine                                  | False        |      |
| Coolant On-Off Pump Equipped                         | Not Equipped |      |
| 2.0 Liter I4 Direct Injection Engine                 | False        |      |
| Dual Alternator Gen1 Capable                         | False        |      |
| Auxillary Coolant Pump Equipped                      | False        |      |
| HPT 6-Speed Trans Equipped                           | False        |      |
| Engine Idle Shutoff Equipped                         | False        |      |
| ZF 9-Speed Trans Equipped                            | False        |      |
| Cooled EGR Equipped                                  | False        |      |
| Supercharger Equipped                                | False        |      |
| Low Temp Radiator Coolant Pump Equipped              | False        |      |
| Hybrid MEC Shifter Equipped                          | False        |      |
| Dual Fuel Tank Equipped                              | False        |      |
| CNG Large Gas Tank Equipped                          | False        |      |
| PTO System Equipped                                  | False        |      |
| A/C Relay Powered from Engine Switched Battery       | 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                  | Yes                          |  |
| 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 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                  | Yes                          |  |
| 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 |
|-------------------------------------------|----------------|-------|
| Rollover Sensing                          | Configured     |       |
| Left Side Seat Squib 1                    | Configured     |       |
| Left B-Pillar Impact Acceleration Sensor  | Configured     |       |
| Passenger Seat Track Position Sensor      | Configured     |       |
| Second Row Left seat belt Switch          | Not Configured |       |
| Driver Knee Bolster Squib                 | Configured     |       |
| Driver Seatbelt Buckle Pretensioner       | Not Configured |       |
| Second Row Right Seat Side Airbag         | Not Configured |       |
| Driver Seatbelt Anchor Pretensioner       | Configured     |       |
| Passenger Seatbelt Retractor Pretensioner | Configured     |       |
| Right Up-Front Acceleration Sensor        | Configured     |       |
| Passenger Seatbelt Anchor Pretensioner    | Configured     |       |
| Driver Seatbelt Load Limiter              | Configured     |       |
| Driver Frontal Squib 3                    | Configured     |       |
| Passenger Knee Bolster Squib              | Configured     |       |
| Driver Seatbelt Retractor Pretensioner    | Configured     |       |

|                                            |                |  |
|--------------------------------------------|----------------|--|
| Left Side Door Pressure Sensor             | Configured     |  |
| Second Row Center seat belt Switch         | Not Configured |  |
| Right Curtain Squib 1                      | Configured     |  |
| Passenger Airbag Disable Indicator         | Not Configured |  |
| Right Side Door Pressure Sensor            | Configured     |  |
| Driver Seat Track Position Sensor          | Configured     |  |
| Left D-Pillar Impact Acceleration Sensor   | Configured     |  |
| Right D-Pillar Impact Acceleration Sensor  | Configured     |  |
| Passenger Occupant Detection Sensor        | Not Configured |  |
| Passenger Airbag Disable Switch            | Not Configured |  |
| Right Side Seat Squib 1                    | Configured     |  |
| Passenger Frontal Squib 4                  | Not Configured |  |
| Passenger Frontal Squib 2                  | Configured     |  |
| Right B-Pillar Impact Acceleration Sensor  | Configured     |  |
| Passenger Seatbelt Buckle Pretensioner     | Not Configured |  |
| Right C-Pillar Impact Acceleration Sensor  | Configured     |  |
| Passenger Frontal Squib 1                  | Configured     |  |
| First Row Passenger Seatbelt Buckle Switch | Configured     |  |
| Second Row Right seat belt Switch          | Not Configured |  |
| Occupant Classification (OCM)              | Configured     |  |
| Passenger Seatbelt Load Limiter            | Configured     |  |
| Driver Frontal Squib 4                     | Not Configured |  |
| Second Row Left Seat Side Airbag           | Not Configured |  |
| Left Up-Front Acceleration Sensor          | Configured     |  |
| Driver Frontal Squib 1                     | Configured     |  |
| Passenger Frontal Squib 3                  | Configured     |  |
| EPPM                                       | Not Configured |  |
| Driver Frontal Squib 2                     | Configured     |  |
| Configuration Column Identifier            | A3             |  |
| Left Curtain Squib 1                       | Configured     |  |
| First Row Driver Seatbelt Buckle Switch    | Configured     |  |
| Left C-Pillar Impact Acceleration Sensor   | 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 |
|----------------------------|-------|-------|
| Dual Zone MTC Control (BB) | False |       |
| MTC With EBL (3Knob)       | False |       |



|                                     |                      |  |
|-------------------------------------|----------------------|--|
| MTC heater only (3Knob)             | False                |  |
| Single Zone MTC Control (BB)        | False                |  |
| MTC Without EBL (3Knob)             | False                |  |
| DualZone ATC Control (Factory) (BB) | False                |  |
| DualZone ATC Control (BB)           | False                |  |
| HVAC Configuration                  | Dual Zone ATC + Rear |  |

## DDM CONFIGURATION

| NAME                             | VALUE | UNITS |
|----------------------------------|-------|-------|
| Global Down                      | False |       |
| Memory Feature                   | True  |       |
| EC Mirrors                       | True  |       |
| Heated Mirror                    | True  |       |
| Global Up                        | False |       |
| Power Folding Mirror             | True  |       |
| Window Motor Hall Sensors        | False |       |
| Mirror Puddle Lamps              | False |       |
| Sun Shade                        | False |       |
| Ambient Temperature Sensor       | False |       |
| Door Handle LED (Ambient Lights) | True  |       |
| Blindspot Mirror                 | True  |       |
| Mirror approach lights           | True  |       |
| Door Courtesy Lamp               | False |       |
| Mirror Signal Lamp               | True  |       |
| Map Pocket LED (Ambient Lights)  | False |       |
| Window express feature           | True  |       |
| Tow Mirrors                      | False |       |

## PDM CONFIGURATION

| NAME                             | VALUE | UNITS |
|----------------------------------|-------|-------|
| Sun Shade                        | False |       |
| Door Courtesy Lamp               | False |       |
| Door Handle LED (Ambient Lights) | True  |       |
| Frameless Window                 | False |       |
| Window express feature           | True  |       |
| Global Down                      | False |       |
| EC Mirrors                       | False |       |
| Puddle lamps                     | False |       |
| Ambient Temperature Sensor       | False |       |
| Power Folding Mirror             | True  |       |
| Global Up                        | False |       |
| Window Motor Hall Sensors        | False |       |
| Tow Mirrors                      | False |       |
| Mirror Signal Lamp               | True  |       |

|                                 |       |  |
|---------------------------------|-------|--|
| Heated Mirror                   | True  |  |
| Memory Feature                  | True  |  |
| Map Pocket LED (Ambient Lights) | False |  |
| Blindspot Mirror                | True  |  |

**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 |       |

**AMP CONFIGURATION**

| NAME                                 | VALUE                                      | UNITS |
|--------------------------------------|--------------------------------------------|-------|
| Left/Right Hand Drive                | Left Hand Drive                            |       |
| Current EQ Checksum                  | FD 83 65 9E                                |       |
| ANC Status                           | Off - Window Mute                          |       |
| Premium - 3                          | True                                       |       |
| Premuim - 1 (8 channel)              | False                                      |       |
| Premuim - 2 (12 Channel)             | False                                      |       |
| Non -ANC                             | False                                      |       |
| Current ANC Calibration ID - Service | RU PHEV 3.6L: Tripane Sunroof & Harman AMP |       |
| Surround Sound Activated             | Set                                        |       |
| Teen Key Present                     | False                                      |       |
| Sub-EQ Set Selected                  | Cabin EQ Selected                          |       |
| Cabin Equalization Curve Number      | 53                                         |       |
| Door Module - Right Rear             | Present                                    |       |
| Door Module - Left Front             | Present                                    |       |
| Door Module - Left Rear              | Present                                    |       |
| Door Module - Right Front            | Present                                    |       |
| ANC Calibration Date - Year          | 18                                         |       |
| ANC Calibration Date - Week          | 25                                         |       |
| ANC Calibration Date - Patch Level   | 3                                          |       |

**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       |       |
| Last Programmed Status                                        | Service |       |
| Vehicle Configuration Programmed Status                       | True    |       |
| Vehicle Configuration 3 - Write Counter                       | 2       |       |
| ECU Configuration 11                                          | 2       |       |
| ECU Configuration 6 (Suspension)                              | 2       |       |
| ECU Configuration 1 (CBC Configurable Inputs and Outputs)     | 2       |       |
| Vehicle Config CSM1                                           | 3       |       |
| ECU Configuration 10                                          | 2       |       |
| Vehicle Configuration 2 - Write Counter                       | 2       |       |
| ECU Configuration 9 (ITM)                                     | 2       |       |
| ECU Configuration 6 (Brake)                                   | 2       |       |
| Vehicle Configuration 6 - Write Counter                       | 2       |       |
| ECU Configuration 5 (Wireless)                                | 2       |       |
| Vehicle Configuration 5 - Write Counter                       | 2       |       |
| Vehicle Configuration Auto Write Counter                      | 1       |       |
| ECU Configuration 9A                                          | 3       |       |
| ECU Configuration 5 (Doors)                                   | 2       |       |
| ECU Configuration 14                                          | 2       |       |
| Programmed ECUs: Hybrid LAN Network                           | 0       |       |
| ECU Configuration 5 (Memory)                                  | 2       |       |
| ECU Configuration 7 (CBC Exterior Lighting Calibrations)      | 2       |       |
| Programmed Network Configuration - Audio / Telematics Network | 0       |       |
| Vehicle Config CSM2                                           | 2       |       |
| Programmed ECUs: P/T Chassis Network                          | 2       |       |
| Last Configuration Odometer                                   | 16295   | miles |
| Vehicle Configuration 1 - Write Counter                       | 2       |       |

|                                               |                                              |         |
|-----------------------------------------------|----------------------------------------------|---------|
| Vehicle Configuration 4 - Write Counter       | 2                                            |         |
| ECU Configuration 13                          | 2                                            |         |
| ECU Configuration 8 (LIN and Miscellaneous )  | 2                                            |         |
| ECU Configuration 12                          | 2                                            |         |
| ECU Configuration 15 (Suspension)             | 2                                            |         |
| ECU Configuration 15 (CBC Features)           | 2                                            |         |
| ECU Configuration 6 (Powertrain)              | 2                                            |         |
| Programmed ECUs: Cabin Network                | 2                                            |         |
| ECU Configuration 2 (CBC Features)            | 2                                            |         |
| ECU Configuration 6 (Safety)                  | 2                                            |         |
| Vehicle Configuration 7 - Write Counter       | 2                                            |         |
| ECU Configuration 3                           | 2                                            |         |
| ECU Configuration 4                           | 2                                            |         |
| Emode Present                                 | Not Set                                      |         |
| Auto Highbeam                                 | Set                                          |         |
| Left/Right Hand Drive                         | Left Hand Drive                              |         |
| Maximum Vehicle Speed                         | 0                                            | MPH     |
| Body Style                                    | Station Wagon                                |         |
| Country Code                                  | USA                                          |         |
| Model Year                                    | 2019                                         |         |
| Shifter Type                                  | 5 Position Rotary Eshifter PRNDL / Type RS5L |         |
| Remote Start Present                          | Set                                          |         |
| Vehicle Line                                  | RU                                           |         |
| Hill Descent Feature Present                  | Not Set                                      |         |
| Drive Configuration                           | 2WD Front                                    |         |
| Performance Pages Present                     | Not Present                                  |         |
| Special Packages                              | 74                                           |         |
| PTS Configuration                             | Semi Automatic / Semi Automatic              |         |
| Select Speed Control Feature Present          | Not Set                                      |         |
| SKIM System Present                           | Not Set                                      |         |
| Max Load Inflation Pressure Front Tire        | 36.0                                         | PSI     |
| Cruise Feature is Present                     | Not Set                                      |         |
| Flipper Glass Present                         | Not Set                                      |         |
| Rain Sensor Present                           | Set                                          |         |
| Off Road Capable                              | Not Set                                      |         |
| Air Conditioning Present                      | Not Set                                      |         |
| Power Inverter Type                           | No Power Inverter                            |         |
| Full Size Spare                               | Not Set                                      |         |
| Thatcham Present                              | Not Set                                      |         |
| Max Load Inflation Pressure Rear Tire         | 36.0                                         | PSI     |
| Special Packages IC                           | No Package / NONE                            |         |
| Forward Collision Warning present             | Set                                          |         |
| Adjustable Pedal Feature Present (non-Memory) | Not Set                                      |         |
| Fuel Capacity                                 | 17                                           | gallons |

|                                                              |                                   |         |
|--------------------------------------------------------------|-----------------------------------|---------|
| ESCL system present                                          | Not Set                           |         |
| Two Fuel Sending Units Present                               | Not Set                           |         |
| Vehicle is an SRT                                            | Not Set                           |         |
| T-Case Type                                                  | Not Present / Not Present         |         |
| High Intensity Discharge Head Lamps                          | Not Set                           |         |
| Wheel Base                                                   | Wheel base not programmed / WB_NP |         |
| Auto Headlamp Feature Present                                | Set                               |         |
| Secondary Lock Present                                       | Not Set                           |         |
| Chassis Type                                                 | Type 9                            |         |
| Auto Park Present                                            | Set                               |         |
| Power Left Sliding Door Present                              | Set                               |         |
| Door Alert Feature Present                                   | Not Set                           |         |
| Display Compass Heading Present                              | Set                               |         |
| HVAC Configuration                                           | Dual Zone ATC + Rear              |         |
| FOBIK Safe Enable                                            | Set                               |         |
| RKE System Present                                           | Set                               |         |
| Display Outside Temperature Present                          | Set                               |         |
| Disable Display of Radio Clock                               | Not Set                           |         |
| Premium TPM system present                                   | Set                               |         |
| Collision Mitigation System present                          | Set                               |         |
| Vehicle Brand                                                | Chrysler                          |         |
| Police Lighting Feature                                      | Not Set                           |         |
| Sport Mode Present                                           | Not Set                           |         |
| Liftgate/Trunk Type                                          | Power Liftgate                    |         |
| Paddle Shift Feature Present                                 | Not Set                           |         |
| Window Express Feature Configuration                         | Front windows express only        |         |
| Passive Entry Present                                        | Set                               |         |
| ELV Present                                                  | Not Set                           |         |
| Keyless Go Present                                           | Set                               |         |
| Power Right Sliding Door Present                             | Set                               |         |
| Base TPM system present                                      | Not Set                           |         |
| Transfer Case High Ratio                                     | 1.000                             | No Unit |
| Axle Ratio                                                   | 3.251                             |         |
| Transfer Case Low Range Reduction Ratio                      | 0.000                             |         |
| Dynamic Tire Circumference (All or Rear)                     | 89                                | inch    |
| Air Quality System Present                                   | Not Set                           |         |
| Steering Ratio at Negative Angle 1                           | 0.0                               | No Unit |
| Analog Door Sensor Configuration                             | Driver Door Only Analog Sensor    |         |
| Connector E Pin 9: Run-ACC Y Relay #2 Output Present         | Set                               |         |
| Connector E Pin 5: PHEV Fuel Door Switch Input               | Set                               |         |
| Connector G Pin 15: UGDO Feed Output Present                 | Set                               |         |
| Connector D Pin 9: Trailer Tow Backup Output Present         | Not Set                           |         |
| Connector A Pin 3/Connector D Pin 2: Low Beam Output Present | Set                               |         |

|                                                                                                    |         |  |
|----------------------------------------------------------------------------------------------------|---------|--|
| Connector G Pin 9: Ambient Light Dimmer Wheel Input Present                                        | Set     |  |
| Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present                                | Not Set |  |
| Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present | Set     |  |
| Connector F Pin 35: Inverter Enable Relay Output Present                                           | Set     |  |
| Connector F Pin 4: Liftgate Release Present                                                        | Not Set |  |
| Connector E Pin 41: Charge Port Unlock Output Present                                              | Set     |  |
| Connector E Pin 8: PHEV HCP Hardwire Wakeup                                                        | 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 F Pin 8 : Liftgate Release Outside Handle Switch Present                                 | Not Set |  |
| Connector D Pin 15: Left Dedicated DRL Lamps Output Present                                        | Set     |  |
| Connector A Pin 10/Connector D Pin 5: Side Markers Output Present                                  | Set     |  |
| Connector E Pin 29: Rear Wiper Motor Park Signal Present                                           | Set     |  |
| Connector A Pin 22: Right Dedicated DRL Lamp Output Present                                        | Set     |  |
| Connector D Pin 10: Trailer Tow Tail Lamp Output Present                                           | Not Set |  |
| Connector D Pin 12: PHEV ECM Hardwire Wake Up Output Present                                       | Set     |  |
| Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present                  | Set     |  |
| Connector E Pin 7: Left HID Relay Control Output Present                                           | Not Set |  |
| Connector E Pin 42: Charge Port Lock Output Present                                                | Set     |  |
| Connector G Pin 22: VTA Warning LED Output Present                                                 | Set     |  |
| Connector F Pin 6: Fuel Door Motor Output Signal Present                                           | Set     |  |
| Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present                                      | Not Set |  |
| Connector F Pin 9: Analog Door Ajar Signal Front Driver Present                                    | Set     |  |
| Connector E Pin 11: Vacuum Switch Input                                                            | Not Set |  |
| Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output Present                               | Set     |  |
| Connector F Pin 23: Door Lock Switch Signal Front Passenger Present                                | Set     |  |
| Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output                 | Not Set |  |
| Connector A Pin 11: Hood Ajar Switch Input Present                                                 | Set     |  |
| Connector E Pin 3/Connector F Pin 42: Rear Turn Lamps Output Present                               | Not Set |  |
| Connector E Pin 34: Vacuum Cleaner Relay Output Present                                            | Not Set |  |
| Connectro E Pin 37: Right HID Control Output Present                                               | Not Set |  |
| Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present                                      | Not Set |  |
| Park Lamp Loadshed Enable                                                                          | Set     |  |
| Tip Start Enabled                                                                                  | Set     |  |
| LED Front Park/Marker Lamps Present                                                                | Set     |  |
| Bi Xenon Headlamps Enable                                                                          | Not Set |  |
| Rear Wiper Park Enable                                                                             | Set     |  |
| LED Low Beam Lamps Present                                                                         | Not Set |  |
| LED Front Fog Lamps Present                                                                        | Not Set |  |
| Dual Start Relay System Present                                                                    | Not Set |  |
| Headlamp Wash Spray Duration (at 100 ms intervals)                                                 | 1100ms  |  |
| Headlamp Washer Low Fluid Shut-Off Enable                                                          | Set     |  |

|                                         |                                         |  |
|-----------------------------------------|-----------------------------------------|--|
| Fuel Door Release Enabled               | Not Present                             |  |
| DRL Lamp Location                       | Dedicated                               |  |
| DRL Configuration                       | No DRL                                  |  |
| LED Rear Turn Lamps Present             | Not Set                                 |  |
| Horn Chirp Allowed                      | Set                                     |  |
| Quad Headlamps Enable                   | Set                                     |  |
| Exterior Light Loadshed Enable          | Set                                     |  |
| Headlamp Wash Interval                  | wash cycle#11                           |  |
| DRL Dropout Enable                      | Set                                     |  |
| Headlamp Wash Shot                      | double                                  |  |
| LED Stop Lamps Present                  | Not Set                                 |  |
| One Touch Lane Change                   | Set                                     |  |
| LED Reverse Lamps Present               | Not Set                                 |  |
| Wiper Service Position Enabled          | Not Set                                 |  |
| Hazard Lamp Configuration               | Latching Switch                         |  |
| LED Tail Lamps Present                  | Set                                     |  |
| Reversible Washer Pump Enable           | Set                                     |  |
| Front Fog Lamp Dropout Enable           | Set                                     |  |
| Front Wiper Wipes After Wash            | 2 Wipes                                 |  |
| LED CHMSL Lamp Present                  | Set                                     |  |
| Combined Front Park/Turn Feature Enable | Not Set                                 |  |
| Side Repeaters Enable                   | Not Set                                 |  |
| LED Rear Fog Lamps Present              | Not Set                                 |  |
| Combined Rear Lighting Enable           | Set                                     |  |
| Intermittent Wiper States               | 4 Intermittent Wiper position Switch    |  |
| Trailer Tow Present                     | Not Set                                 |  |
| LED Dedicated DRL Present               | Set                                     |  |
| LED License Lamps Present               | Set                                     |  |
| Tunnel Detection                        | Not Set                                 |  |
| Front Wiper Park Enable                 | Set                                     |  |
| LED High Beam Lamps Present             | Not Set                                 |  |
| Fuel Door Present                       | Not Set                                 |  |
| Illuminated approach Enabled            | Not Set                                 |  |
| LED Front Turn Lamps Present            | Not Set                                 |  |
| Rear Camera Present                     | Not Set                                 |  |
| Antenna Type                            | Active Primary and no secondary antenna |  |
| Microphone Type                         | Peiker 300 mv                           |  |
| Surround Sound Feature Present          | Set                                     |  |
| Power Inverter Present                  | Not Set                                 |  |
| Power Door Locks Present                | Set                                     |  |
| Front Park Assist Present               | Set                                     |  |
| Front Heated Seats Present              | Set                                     |  |
| Microphone Configuration                | 2 Microphones                           |  |
| Cabin Equilization Curve Number         | RU Premium System - Harman 12ch         |  |

|                                            |                          |  |
|--------------------------------------------|--------------------------|--|
| Microphone Tuning Parameter                | Absent [Not Used]        |  |
| Splashscreen Type                          | Vehicle Brand            |  |
| Heated Steering Wheel Present              | Set                      |  |
| Disable CD Eject                           | Not Set                  |  |
| External Port Type                         | AUX + USB                |  |
| Destination                                | United States of America |  |
| Fleet Vehicle Content                      | Not Set                  |  |
| AP2 Right Front                            | Smart Switch             |  |
| Tip Start Present                          | Set                      |  |
| AP5 Trunk Lock                             | Simple Switch            |  |
| Airport Scenario Trunk                     | Not Set                  |  |
| AP3 Left Rear                              | CAN                      |  |
| AP1 Left Front                             | Smart Switch             |  |
| AP5 Trunk Unlock                           | CAN                      |  |
| AP4 Right Rear                             | CAN                      |  |
| Vehicle Variant                            | Undefined                |  |
| Folding mirrors present                    | Set                      |  |
| Window Hall Sensors Present                | Not Set                  |  |
| Driver Memory Mirrors Present              | Set                      |  |
| Electro-chromatic passenger mirror present | Not Set                  |  |
| Tow Mirror Present                         | Not Set                  |  |
| Puddle Lamp Present                        | Not Set                  |  |
| Rear Door Pre Short Drop                   | Not Set                  |  |
| Mirror turn signals present                | Set                      |  |
| Sun Shade                                  | Not Set                  |  |
| Blindspot Mirror Present                   | Set                      |  |
| Heated Mirrors Present                     | Set                      |  |
| Frameless Window Present                   | Not Set                  |  |
| Electro-chromatic driver mirror present    | Set                      |  |
| Window Motor Type                          | Not Set                  |  |
| Passenger Window Lockout                   | Not Set                  |  |
| Global Down                                | Not Set                  |  |
| Passenger Memory Mirror Present            | Set                      |  |
| Global Up                                  | Not Set                  |  |
| Heated Wheel Material Type                 | Full Leather             |  |
| Rear Heated Seats Present                  | Not Present              |  |
| Heated Seat Material Type                  | Base Leather             |  |
| Front Vented Seats Present                 | Present                  |  |
| Tilt/Telescope Steering Present            | Not Set                  |  |
| Memory Adjustable Pedals Present           | Not Set                  |  |
| Driver Memory Seat Present                 | Set                      |  |
| Stow 'n Assist Present - Driver            | Set                      |  |
| Stow 'n Assist Present - Passenger         | Set                      |  |
| Heated Steering Wheel Present              | Present                  |  |



|                                                                                                    |                                                 |         |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------|---------|
| Brake System ECU Configuration A                                                                   | value 0                                         |         |
| ECO Mode Configuration                                                                             | Remember Previous State with Ignition Key Cycle |         |
| Dual Alternator Present                                                                            | Not Set                                         |         |
| Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28                                  | Set                                             |         |
| Manual Door Locks Present                                                                          | Not Set                                         |         |
| Connector F Pin 37: Vacuum Cleaner Power Saver Indicator                                           | Not Present                                     |         |
| Connector D Pin 4: Digital Spare Input #1                                                          | Not Present                                     |         |
| Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present | Rear Wiper (0)                                  |         |
| CHMSL Lamp Output Disable                                                                          | Not Set                                         |         |
| Connector G Pin 2: Fog Lamp Switch Input                                                           | Fog Lamp Switch                                 |         |
| Connector D Pin 8: Digital Spare Input #2                                                          | Not Present                                     |         |
| Max Engine Off Time                                                                                | 220                                             | Time    |
| Connector F Pin 30: Fuel Door Lock (BUX)                                                           | Not Present                                     |         |
| Connector E Pin 3: Left Rear Turn Signal                                                           | Left Rear Turn Signal                           |         |
| Heatsoak Set Time                                                                                  | 15                                              | Time    |
| Engine Off Clear Time                                                                              | 180                                             | Time    |
| Heatsoak Speed                                                                                     | 15                                              | Counter |
| Auto High Beam Module Location                                                                     | HaLF                                            |         |
| Connector E Pin 39: Right Rear Turn Signal                                                         | Right Rear Turn Signal                          |         |
| Heatsoak Flush Time                                                                                | 105                                             | Time    |
| Connector F Pin 15: Driver Door Lock Switch Input                                                  | Not Present                                     |         |
| Connector F Pin 29: Horn Switch Present                                                            | Horn Switch Input                               |         |
| Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)                                      | Left B-Pillar sliding Door Switch               |         |
| Connector F Pin 16: Passenger Door Lock Switch Input                                               | Not Present                                     |         |
| Humidy Sensor Long Present                                                                         | Set                                             |         |
| License Plate Lamp Disable                                                                         | Not Set                                         |         |
| Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)                                     | Right B-Pillar Sliding Door Switch              |         |
| Ambient Stable Counter Limit                                                                       | 40                                              | Counter |
| Connector G Pin11/Connector G Pin 12: Not Used                                                     | ERS                                             |         |
| Rain Sensor Module #2 Present                                                                      | Set                                             |         |
| Connecetor F Pin 33: Fuel Door Unlock (BUX)                                                        | Not Present                                     |         |
| Connector F Pin 34: Spare HSD                                                                      | Not Present                                     |         |
| Excess Longitudinal Acceleration Factor                                                            | Filter Off                                      |         |
| Nose Dive Threshold                                                                                | Filter Off                                      |         |
| Acceleration Factor                                                                                | Filter Off                                      |         |
| Average Last Lateral Acceleration Values                                                           | No Averaging                                    |         |
| Brake Smoothing Duration                                                                           | Filter Off                                      |         |
| Acceleration Threshold                                                                             | Filter Off                                      |         |
| Maximum Longitudinal Change                                                                        | Filter Off                                      |         |
| Brake Smoothing Threshold                                                                          | Filter Off                                      |         |
| Excess Lateral Acceleration Factor                                                                 | Filter Off                                      |         |
| Steering Smoothing Threshold                                                                       | Filter Off                                      |         |
| Steering Smoothing Duration                                                                        | Filter Off                                      |         |

|                                                      |                                               |      |
|------------------------------------------------------|-----------------------------------------------|------|
| Brake Smoothing Factor                               | Filter Off                                    |      |
| Nose Dive Factor                                     | Filter Off                                    |      |
| Maximum Lateral Change                               | Filter Off                                    |      |
| Average Last Longitudinal Acceleration Values        | No Averaging                                  |      |
| Steering Smoothing Factor                            | Filter Off                                    |      |
| VTA Hood Ajar Monitoring                             | Not Set                                       |      |
| Interior Lighting Night Threshold                    | 4.45147                                       | Volt |
| RKE Auto-Relock Feature Enable                       | Not Set                                       |      |
| Horn Chirp Duration                                  | Short                                         |      |
| Auto High Beam ON Threshold                          | 25 km/hr                                      |      |
| Interior Lighting Day Threshold                      | 4.27498                                       | Volt |
| PE Auto-Relock Feature Enable                        | Set                                           |      |
| Parking Light Enable                                 | Not Set                                       |      |
| Auto High Beam OFF Threshold                         | 20 km/hr                                      |      |
| Headlamp Soak Delay                                  | 1.0 sec                                       |      |
| Sunroof Present                                      | Set                                           |      |
| Smart Alternator Present                             | Not Set                                       |      |
| TPMS Configuration                                   | Logic 1 NHTSA Enable Warning                  |      |
| Temperature Display Resolution                       | HaLF                                          |      |
| Auto Dimming Mirror Hard Button Present              | Set                                           |      |
| Drive Mode Version                                   | Version 1                                     |      |
| Surround View Camera On/Off Softkey Present          | Set                                           |      |
| Radio Speaker Open Circuit Disable (RR)              | Not Set                                       |      |
| Show Phone Information in Cluster                    | 01                                            |      |
| Automatic Crash Notification Feature Present         | Undefined                                     |      |
| Radio Speaker Open Circuit Disable (LR)              | Not Set                                       |      |
| Radio Speaker Open Circuit Disable (RF)              | Not Set                                       |      |
| ANC Calibration Parameter Data Set                   | Harman Amplified 3.6L PHEV Sunroof            |      |
| Radio Speaker Open Circuit Disable (LF)              | Not Set                                       |      |
| Park Assist Tuning Set                               | BUX Front and Rear Only                       |      |
| 3rd Row Lock CSO                                     | Not Set                                       |      |
| BUX Market                                           | False                                         |      |
| Driver Kneebag Present                               | True                                          |      |
| ODS Present                                          | False                                         |      |
| Passenger Kneebag Present                            | True                                          |      |
| 1st Row Seat Side Airbags Present                    | True                                          |      |
| Passive Ped Pro Present                              | False                                         |      |
| Integrated EPP Present                               | False                                         |      |
| Curtain Airbags Present                              | True                                          |      |
| Tow Hooks Present                                    | False                                         |      |
| Connector A Pin 11: Hood Ajar Switch Signal          | 500 ohm series and 500 ohm parallel resistors |      |
| Connector D Pin 12: PHEV ECM Hardwire Wake Up        | Engine Control Module Wake up (PHEV only)     |      |
| Connector F Pin 28: Right Rear Turn Lamp Fault Sense | Disable                                       |      |

|                                                               |                          |         |
|---------------------------------------------------------------|--------------------------|---------|
| Connector F Pin 5: Left Rear Fog Lamp                         | Output Disable           |         |
| Connector F Pin 41: Backup-Reverse lamp Left                  | Set                      |         |
| Connector F Pin 29: Horn Switch Input                         | Horn Switch Input        |         |
| Connector F Pin 31: Right Sliding Door Ajar                   | Right Sliding Door Ajar  |         |
| Connector E Pin 7: Left HID Relay Control                     | Left HID Lamp Relay      |         |
| Stop/Start Enable Switch Present                              | Not Set                  |         |
| Connector F Pin 27: Left Sliding Door Ajar                    | Left Sliding Door Ajar   |         |
| Connector E Pin 3: Left Rear Turn Signal                      | Left Rear Turn Signal    |         |
| Connector F Pin 4: Liftgate Release                           | Trunk/Liftgate Release   |         |
| Connector E Pin 37: Right HID Relay Control                   | Right HID Lamp Relay     |         |
| Connector F Pin 25: Left Rear Turn Lamp Fault Sense           | Disable                  |         |
| Connector D Pin 21: Brake Fluid Level Switch                  | no parallel resistor     |         |
| Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present | Reserved                 |         |
| Connector E Pin 29: Rear Wiper Motor Park Signal              | Reserved                 |         |
| Connector E Pin 39: Right Rear Fog Lamp                       | Output Disable           |         |
| Connector A Pin 2: Right High Beam Feed                       | Right High Beam (0)      |         |
| Connector E Pin 5: E-5 PHEV Fuel Door Switch Input            | PHEV Fuel Door Switch    |         |
| Connector D Pin 1: Left High Beam Feed                        | Left High Beam (0)       |         |
| Connector F Pin 42: Right Rear Turn Signal                    | Right Rear Turn Signal   |         |
| Connector E Pin 1: Backup-Reverse lamp Right                  | Set                      |         |
| Rear View Camera Static Grid Lines Enabled                    | Not Set                  |         |
| Rear View Camera Dynamic Grid Lines Enabled                   | Not Set                  |         |
| Auto Wipers                                                   | Set                      |         |
| Auto Highbeam                                                 | Set                      |         |
| Auto Unlock                                                   | Set                      |         |
| Sliding Door Chime Enable                                     | Set                      |         |
| Sound Horn On Lock Status                                     | Chirp on 1st press/FIRST |         |
| Auto Lock                                                     | Set                      |         |
| Illuminated Approach Time                                     | 30                       | seconds |
| Unlock all doors on 1st press                                 | Set                      |         |
| Headlamp Delay Time                                           | 30                       | seconds |
| Sound Horn on Remote Start                                    | Set                      |         |
| Hands Free Sliding Door Enable                                | Set                      |         |
| Headlamps on with Wipers                                      | Set                      |         |
| Sound Horn on Lock                                            | Set                      |         |
| Sliding Door Alert                                            | Not Set                  |         |
| Flash Lamps on Lock                                           | Set                      |         |
| Daytime Running Lamps                                         | Set                      |         |
| Accessory Delay Time                                          | 45                       | seconds |
| Siren                                                         | Not Set                  |         |
| Tilt                                                          | Not Set                  |         |
| Ultrasonics                                                   | Not Set                  |         |
| Left Low Beam Voltage Regulation                              | 13.6 Volts               |         |
| Right Rear Corner Voltage                                     | 14 Volts                 |         |

|                                    |                               |        |
|------------------------------------|-------------------------------|--------|
| Right Front Corner Voltage         | 13.4 Volts                    |        |
| Auto Headlamp Off Threshold        | 2.54930                       | Volt   |
| Left High Beam Voltage Regulation  | 13.6 Volts                    |        |
| Front Park/Turn Voltage            | Park to Turn ratio 55 Percent |        |
| Auto Headlamp On Threshold         | 3.31409                       | Volt   |
| Left Rear Corner Voltage           | 14 Volts                      |        |
| Right High Beam Voltage Regulation | 13.8 Volts                    |        |
| Right Low Beam Voltage Regulation  | 14 Volts                      |        |
| Left Front Corner Voltage          | 13.2 Volts                    |        |
| Battery Type II                    | 22                            |        |
| IBS Minimum Charge Limit           | 600                           | mA     |
| IBS Minimum Voltage Limit          | 5.0                           | Volts  |
| IBS Activate MWU                   | Not Set                       |        |
| Battery Types                      | SNA                           |        |
| IBS Quiescence Current Limit       | -250                          | mA     |
| IBS Minimal Charge Limit           | 10                            | AmpHrs |
| OBCM                               | Set                           |        |
| EBCM                               | Set                           |        |
| ESM                                | Set                           |        |
| EAC                                | Set                           |        |
| APM                                | Set                           |        |
| AHCP                               | Set                           |        |
| HCP                                | Set                           |        |
| BPCM                               | Set                           |        |
| ESC                                | Set                           |        |
| ECM                                | Set                           |        |
| ORC                                | Set                           |        |
| VTM                                | Not Set                       |        |
| DMRL                               | Set                           |        |
| PSDMR                              | Set                           |        |
| EDM                                | Set                           |        |
| EOMR                               | Set                           |        |
| DDM                                | Set                           |        |
| DTV                                | Not Set                       |        |
| PDM                                | Set                           |        |
| HVACR                              | Set                           |        |
| PLGM                               | Set                           |        |
| ICS                                | Set                           |        |
| DSM                                | Set                           |        |
| CVPM                               | Set                           |        |
| MSMP                               | Set                           |        |
| ANC                                | Not Set                       |        |
| HSM                                | Set                           |        |
| MSM                                | Set                           |        |

|                                                          |              |         |
|----------------------------------------------------------|--------------|---------|
| PSDML                                                    | Set          |         |
| Radio                                                    | Set          |         |
| DMRR                                                     | Set          |         |
| VRM                                                      | Set          |         |
| FSM                                                      | Not Set      |         |
| ITM                                                      | Not Set      |         |
| BCM (Interior Bus)                                       | Set          |         |
| EAM                                                      | Not Set      |         |
| HVAC                                                     | Set          |         |
| AMP                                                      | Set          |         |
| Illuminated Approach Interior Lighting Ramp Up Time      | 130(2600ms)  |         |
| VTA System Present                                       | VTA          |         |
| Alert On System Fault                                    | Set          |         |
| Washer Fluid Level Voltage Threshold                     | 4.46 volts   |         |
| EVIC SWS Module Present                                  | Set          |         |
| Fobik Safe Alerts Per Ignition Cycle                     | 2            |         |
| Panic Enable                                             | Set          |         |
| IBS Present                                              | Set          |         |
| Humidity Sensor Present                                  | Set          |         |
| Compass Mounting Angle                                   | 0            | Degree  |
| Compass Mounting Orientation                             | Rightside up |         |
| Alert On Search Timeout                                  | Set          |         |
| Illuminated Approach Taillamp Target Percentage          | 125 (62.5%)  |         |
| Auto Relock Time                                         | 60           | seconds |
| Illuminated Approach Interior Lighting Target Percentage | 100(50%)     |         |
| Alert no Reply                                           | Set          |         |
| OHC Module Present                                       | Set          |         |
| Illuminated Approach Headlamp Target Percentage          | 125 (62.5%)  |         |
| HFRM Present                                             | Set          |         |
| CRVMM Present                                            | Set          |         |
| AHLM                                                     | Not Set      |         |
| IPC                                                      | Set          |         |
| TCM                                                      | Not Set      |         |
| ORC                                                      | Set          |         |
| EPS                                                      | Set          |         |
| ABS                                                      | Not Set      |         |
| FFCM                                                     | Set          |         |
| OCM                                                      | Set          |         |
| SCCM                                                     | Set          |         |
| PTS                                                      | Set          |         |
| ACC                                                      | Set          |         |
| ESM                                                      | Set          |         |
| RFH                                                      | Set          |         |
| HCP                                                      | Set          |         |

|          |         |  |
|----------|---------|--|
| ABSO     | Set     |  |
| BCM (PT) | Set     |  |
| PCM      | Set     |  |
| ESL      | Not Set |  |

## HSM CONFIGURATION

| NAME                    | VALUE | UNITS |
|-------------------------|-------|-------|
| Vehicle Line R-Series   | True  |       |
| Left Rear Heated Seat   | False |       |
| Heated Steering Wheel   | True  |       |
| Vehicle Line U-Series   | False |       |
| Vehicle Line D-Series   | False |       |
| Right Front Vented Seat | True  |       |
| Right Rear Heated Seat  | False |       |
| Vehicle Line W-Series   | False |       |
| Vehicle Line M-Series   | False |       |
| Right Front Heated Seat | True  |       |
| Vehicle Line P-Series   | False |       |
| Left Front Vented Seat  | True  |       |
| Left Front Heated Seat  | True  |       |
| Vehicle Line J-Series   | False |       |
| Vehicle Line L-Series   | False |       |

## RADIO CONFIGURATION

| NAME                                       | VALUE        | UNITS   |
|--------------------------------------------|--------------|---------|
| Compass on the bus messaging Authorization | Allowed      |         |
| GPS on the Bus messaging Authorization     | Allowed      |         |
| Satellite Subscription Suspend Year        | 46           |         |
| Satellite Subscription Suspend Day         | 01           |         |
| Satellite Subscription Status              | Subscribed   |         |
| Satellite Subscription Reason Code         | 00           |         |
| Satellite Subscription ID                  | UTLK5DCN     |         |
| Satellite Subscription Suspend Month       | 01           |         |
| Aux Jack                                   | Not Inserted |         |
| Enumerated USB Devices                     | 0            | No Unit |
| SD Card Readers Detected                   | 0            | No Unit |
| USB Hubs Detected                          | 1            | No Unit |
| DTV Short Term Configuration               | —            |         |
| 911 Button                                 | On           |         |
| Cellular                                   | True         |         |
| Navigation Active                          | True         |         |
| Internal CD Player                         | False        |         |
| Bluetooth                                  | True         |         |
| FM Diversity                               | False        |         |

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

## 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 | 22190 [REDACTED] |       |
| Traceability info | 2319 [REDACTED]  |       |
| 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

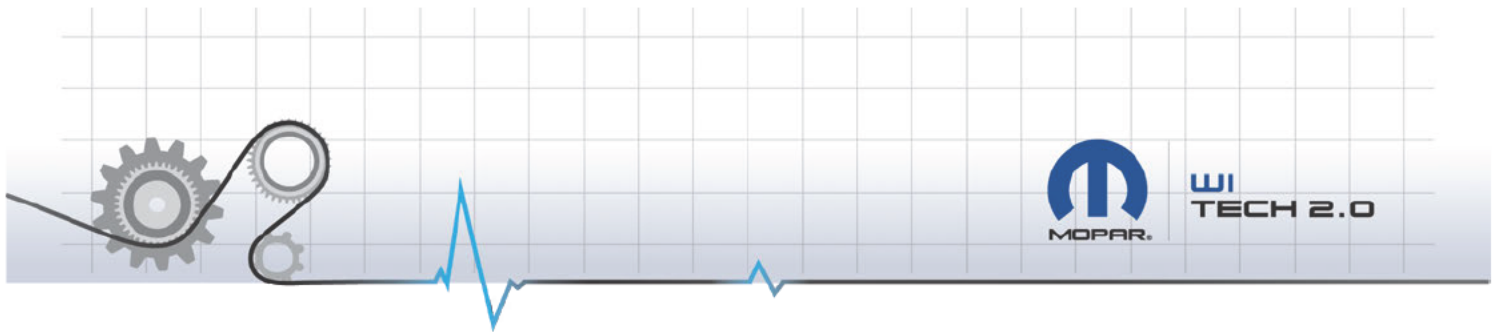
| NAME                    | VALUE | UNITS |
|-------------------------|-------|-------|
| MTC with EBL            | False |       |
| DualZone ATC Control    | True  |       |
| MTC Heater Only         | False |       |
| Single Zone MTC Control | False |       |
| Dual Zone MTC Control   | False |       |
| 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  |  |



## FREEZE FRAME REPORT

**Vehicle** 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE  
**VIN** 2C4RC1N7 [REDACTED]

**Odometer** 16483.2 miles  
**Publication Date** Mar 17, 2021, 3:26:08 PM

## FREEZE FRAME DATA

### Carb

**CODE: P0300 | ECU: PCM**

| NAME                                  | VALUE    | UNITS   |
|---------------------------------------|----------|---------|
| Potential Torque                      | 148.11   | Ft-Lbs  |
| Purge Solenoid Current                | 0.000    | mA      |
| Actual Torque                         | -28.26   | Ft-Lbs  |
| MAP                                   | 10       | PSI     |
| Intake Air Charge Temp                | 50.00    | °F      |
| Closed Loop - Bank 2                  | False    |         |
| APP Pedal Percent                     | 0.00     | %       |
| AC Switch                             | On       |         |
| Commanded Equivalence Ratio           | 1.00     |         |
| Ethanol Fine Tune Complete Prev       | No       |         |
| Throttle Flow Multiplicative Adaptive | 0.00168  | Mult    |
| Closed Loop - Bank 1                  | False    |         |
| Fuel Rail Pressure                    | 393      | Volts   |
| Barometric Pressure                   | 14       | PSI     |
| Long Term Fuel Trim - Bank 2          | 4.7      | %       |
| Fuel Rail Pressure                    | 0        | PSI     |
| Purge Duty Cycle                      | 0.0      | %       |
| Open Loop - Bank 2                    | False    |         |
| Engine RPM                            | 1829.00  | rpm     |
| Brake Switch 1                        | Released |         |
| Catalyst Temp                         | 606      | °F      |
| H-Bridge Circuit                      | Enable   |         |
| Freeze Frame DTC Priority             | 04       |         |
| Freeze Frame Engine Coolant Temp      | 59       | °F      |
| Ethanol Trigger On Fuel Vol Fault     | No       |         |
| Time Since Run / Start                | 6        | seconds |
| Alcohol Fuel Percent                  | 0.00     | %       |
| Throttle Outlet Temp                  | -40.00   | °F      |

|                                              |            |         |
|----------------------------------------------|------------|---------|
| Short Term Fuel Trim - Bank 2                | -0.0       | %       |
| EGR Error                                    | 0.00000    |         |
| Ethanol Gas For Sure                         | No         |         |
| Freeze Frame MAP Vacuum                      | 7.38       | in Hg   |
| Ambient Air Temperature                      | 48         | °F      |
| Freeze Frame Caused by DTC                   | 03 00      |         |
| Open Loop due to Driving Conditions - Bank 2 | False      |         |
| Air Charge Temp - Bank 2                     | -40.00     | °F      |
| Short Term Fuel Trim - Bank 1                | -0.0       | %       |
| ETC Motor Directional Duty Cycle             | 20.3       | %DC     |
| Low Ethanol Therm Mgmnt Flag                 | No         |         |
| Long Term Fuel Trim - Bank 1                 | 2.3        | %       |
| PCM Odometer                                 | 16441.3440 | miles   |
| APP 2 Voltage                                | 0.1955     | Volts   |
| Air Charge Temp - Bank 1                     | -40.00     | °F      |
| Battery Voltage                              | 14.8240    | Volts   |
| ETC Motor Duty Cycle                         | 20.3       | %DC     |
| APP 1 Voltage                                | 0.3862     | Volts   |
| Absolute Load Value                          | 51         | %       |
| Engine Load                                  | 71.4       | %       |
| Control Module Volts                         | 14.823     | V       |
| Throttle Flow Adaptive                       | -0.536     | g/s     |
| Fuel Type Being Used                         | Gasoline   |         |
| Fuel Tank Pressure                           | 101.54     | inch    |
| Closed Loop with DTC - Bank 1                | False      |         |
| TPS 1 Voltage                                | 0.9687     | Volts   |
| Brake Switch 2                               | Released   |         |
| Calculated MAP                               | 10.2       | PSI     |
| Open Loop with DTC - Bank 2                  | False      |         |
| Fuel Level Percent                           | 76.9       | %       |
| Open Loop - Bank 1                           | True       |         |
| Open Loop due to Driving Conditions - Bank 1 | False      |         |
| Commanded Throttle Actuator Control          | 9.4        | %       |
| Phi Adaption Value                           | 0.00000    | Mult    |
| Spark Advance                                | 29.0       | degrees |
| Cooled EGR Temp                              | -40        | deg C/s |
| Vehicle Speed                                | 0          | MPH     |
| Open Loop with DTC - Bank 1                  | False      |         |
| Commanded EGR Duty Cycle                     | 0.0        | %       |
| Current Adaptive Cell ID                     | 19         |         |
| TPS 2 Voltage                                | 4.0089     | Volts   |
| Closed Loop with DTC - Bank 2                | False      |         |
| Brake Switch Pressed                         | Yes        |         |
| AC Clutch                                    | Disengaged |         |

|                             |        |       |
|-----------------------------|--------|-------|
| MAP Voltage                 | 3.06   | Volts |
| Low Ethanol PWR Enrich Flag | No     |       |
| Ignition Run/Start Switch   | On     |       |
| PCM Mileage Since MIL On    | 0.0000 | miles |
| Mass Airflow Rate           | 0.00   | g/s   |
| Relative Throttle Position  | 10.6   | %     |

**Freeze Frame #1****CODE: P2305 | ECU: PCM**

| NAME                                         | VALUE    | UNITS   |
|----------------------------------------------|----------|---------|
| Purge Duty Cycle                             | 0.0      | %       |
| MAP Voltage                                  | 2.67     | Volts   |
| Calculated MAP                               | 9.0      | PSI     |
| Actual Torque                                | 43.48    | Ft-Lbs  |
| Open Loop - Bank 2                           | False    |         |
| Ethanol Trigger On Fuel Vol Fault            | No       |         |
| Vehicle Speed                                | 0        | MPH     |
| Relative Throttle Position                   | 6.67     | %       |
| Engine Coolant Temperature                   | 140      | °F      |
| Engine Load                                  | 49.8     | %       |
| Short Term Fuel Trim - Bank 1                | -0.0     | %       |
| Short Term Fuel Trim - Bank 2                | -0.0     | %       |
| Cooled EGR Temp                              | -40      | deg C/s |
| ETC Motor Duty Cycle                         | 7.8      | %DC     |
| Low Ethanol PWR Enrich Flag                  | No       |         |
| APP 2 Voltage                                | 0.1955   | Volts   |
| Open Loop with DTC - Bank 1                  | False    |         |
| Ignition Run/Start Switch                    | On       |         |
| Freeze Frame Caused by DTC                   | 23 05    |         |
| Closed Loop with DTC - Bank 1                | False    |         |
| MAP - Bank 2                                 | 9        | PSI     |
| Fuel Level Percent                           | 77.6     | %       |
| Low Ethanol Therm Mgmnt Flag                 | No       |         |
| Spark Advance                                | 4.5      | degrees |
| Brake Switch 1                               | Released |         |
| Intake Air Charge Temp                       | 82       | °F      |
| APP Pedal Percent                            | 0.00     | %       |
| TPS 1 Voltage                                | 0.8296   | Volts   |
| Fuel Rail Pressure                           | 417      | Volts   |
| Open Loop due to Driving Conditions - Bank 2 | False    |         |
| MAP                                          | 9        | PSI     |
| H-Bridge Circuit                             | Enable   |         |
| Commanded EGR Duty Cycle                     | 0.00     | %       |
| Purge Solenoid Current                       | 0.000    | mA      |

|                                       |            |         |
|---------------------------------------|------------|---------|
| APP 1 Voltage                         | 0.3910     | Volts   |
| Commanded Throttle Actuator Control   | 7.06       | %       |
| Catalyst Temp                         | 428        | °F      |
| Battery Voltage                       | 14.7622    | Volts   |
| Closed Loop - Bank 1                  | False      |         |
| PCM Mileage Since MIL On              | 0.0000     | miles   |
| Ethanol Fine Tune Complete Prev       | No         |         |
| Time Since Run / Start                | 4          | seconds |
| Freeze Frame DTC Priority             | 01         |         |
| Ambient Air Temperature               | 41         | °F      |
| Barometric Pressure                   | 14         | PSI     |
| Throttle Flow Multiplicative Adaptive | -0.00461   | Mult    |
| Long Term Fuel Trim - Bank 1          | 1.6        | %       |
| Air Charge Temp - Bank 2              | -40        | °F      |
| Commanded Equivalence Ratio           | 1.00       |         |
| Open Loop with DTC - Bank 2           | False      |         |
| Engine RPM                            | 1346.00    | rpm     |
| Open Loop - Bank 1                    | True       |         |
| Throttle Outlet Temp                  | -40        | °F      |
| Closed Loop - Bank 2                  | False      |         |
| Ethanol Gas For Sure                  | No         |         |
| Mass Airflow Rate                     | 0.00       | g/s     |
| PCM Odometer                          | 16441.3440 | miles   |
| Intermediate MAP                      | 9          | PSI     |
| AC Clutch                             | Disengaged |         |
| Vacuum                                | 5          | PSI     |
| Closed Loop with DTC - Bank 2         | False      |         |
| Potential Torque                      | 104.37     | Ft-Lbs  |
| EGR Error                             | -100.0     | %       |
| TPS 2 Voltage                         | 4.1443     | Volts   |
| Air Charge Temp - Bank 1              | -40        | °F      |
| Brake Switch Pressed                  | Yes        |         |
| AC Switch                             | On         |         |
| Control Module Volts                  | 14.808     | Volts   |
| Throttle Outlet Pressure              | 9          | PSI     |
| Throttle Flow Adaptive                | -0.507     | g/s     |
| Alcohol Fuel Percent                  | 0.00       | %       |
| Absolute Load Value                   | 37         | %       |
| Fuel Type Being Used                  | Gasoline   |         |
| MAP - Bank 1                          | 9          | PSI     |
| Phi Adaption Value                    | 0.00000    | Mult    |
| Current Adaptive Cell ID              | 18         |         |
| ETC Motor Directional Duty Cycle      | 7.8        | %DC     |
| Brake Switch 2                        | Released   |         |

|                                              |        |      |
|----------------------------------------------|--------|------|
| Open Loop due to Driving Conditions - Bank 1 | False  |      |
| Long Term Fuel Trim - Bank 2                 | 2.3    | %    |
| Fuel Tank Pressure                           | 120.51 | inch |
| Fuel Rail Pressure                           | 0      | PSI  |

**Freeze Frame #2****CODE: P2308 | ECU: PCM**

| NAME                                | VALUE    | UNITS   |
|-------------------------------------|----------|---------|
| ETC Motor Directional Duty Cycle    | 8.2      | %DC     |
| Open Loop with DTC - Bank 2         | False    |         |
| Commanded Equivalence Ratio         | 1.00     |         |
| Spark Advance                       | 4.5      | degrees |
| Relative Throttle Position          | 6.67     | %       |
| Short Term Fuel Trim - Bank 2       | -0.0     | %       |
| Freeze Frame DTC Priority           | 01       |         |
| APP 1 Voltage                       | 0.3862   | Volts   |
| Commanded Throttle Actuator Control | 7.06     | %       |
| Engine Coolant Temperature          | 140      | °F      |
| Low Ethanol PWR Enrich Flag         | No       |         |
| Battery Voltage                     | 14.7622  | Volts   |
| Intermediate MAP                    | 9        | PSI     |
| Commanded EGR Duty Cycle            | 0.00     | %       |
| MAP                                 | 9        | PSI     |
| Time Since Run / Start              | 4        | seconds |
| Engine Load                         | 49.8     | %       |
| PCM Mileage Since MIL On            | 0.0000   | miles   |
| Throttle Outlet Pressure            | 9        | PSI     |
| Purge Solenoid Current              | 0.000    | mA      |
| Throttle Outlet Temp                | -40      | °F      |
| Cooled EGR Temp                     | -40      | deg C/s |
| Open Loop - Bank 1                  | True     |         |
| ETC Motor Duty Cycle                | 8.2      | %DC     |
| Engine RPM                          | 1346.00  | rpm     |
| Air Charge Temp - Bank 2            | -40      | °F      |
| Brake Switch 2                      | Released |         |
| Long Term Fuel Trim - Bank 1        | 1.6      | %       |
| MAP - Bank 2                        | 9        | PSI     |
| MAP - Bank 1                        | 9        | PSI     |
| MAP Voltage                         | 2.69     | Volts   |
| Actual Torque                       | 43.24    | Ft-Lbs  |
| Barometric Pressure                 | 14       | PSI     |
| Fuel Level Percent                  | 77.6     | %       |
| Closed Loop with DTC - Bank 2       | False    |         |
| Ambient Air Temperature             | 41       | °F      |

|                                              |            |        |
|----------------------------------------------|------------|--------|
| H-Bridge Circuit                             | Enable     |        |
| Freeze Frame Caused by DTC                   | 23 08      |        |
| Throttle Flow Adaptive                       | -0.507     | g/s    |
| Absolute Load Value                          | 37         | %      |
| Throttle Flow Multiplicative Adaptive        | -0.00461   | Mult   |
| Phi Adaption Value                           | 0.00000    | Mult   |
| APP 2 Voltage                                | 0.1955     | Volts  |
| AC Switch                                    | On         |        |
| APP Pedal Percent                            | 0.00       | %      |
| Closed Loop with DTC - Bank 1                | False      |        |
| Ethanol Trigger On Fuel Vol Fault            | No         |        |
| Low Ethanol Therm Mgmnt Flag                 | No         |        |
| PCM Odometer                                 | 16441.3440 | miles  |
| Brake Switch Pressed                         | Yes        |        |
| AC Clutch                                    | Disengaged |        |
| Long Term Fuel Trim - Bank 2                 | 2.3        | %      |
| Mass Airflow Rate                            | 0.00       | g/s    |
| Brake Switch 1                               | Released   |        |
| Current Adaptive Cell ID                     | 18         |        |
| Fuel Tank Pressure                           | 120.51     | inch   |
| Open Loop due to Driving Conditions - Bank 2 | False      |        |
| Ethanol Fine Tune Complete Prev              | No         |        |
| Closed Loop - Bank 2                         | False      |        |
| Potential Torque                             | 104.16     | Ft-Lbs |
| Ethanol Gas For Sure                         | No         |        |
| Vacuum                                       | 5          | PSI    |
| Fuel Rail Pressure                           | 414        | Volts  |
| TPS 2 Voltage                                | 4.1456     | Volts  |
| Calculated MAP                               | 9.0        | PSI    |
| Fuel Rail Pressure                           | 0          | PSI    |
| Ignition Run/Start Switch                    | On         |        |
| Open Loop due to Driving Conditions - Bank 1 | False      |        |
| Control Module Volts                         | 14.808     | Volts  |
| Catalyst Temp                                | 428        | °F     |
| EGR Error                                    | -100.0     | %      |
| Purge Duty Cycle                             | 0.0        | %      |
| Open Loop - Bank 2                           | False      |        |
| Closed Loop - Bank 1                         | False      |        |
| TPS 1 Voltage                                | 0.8308     | Volts  |
| Fuel Type Being Used                         | Gasoline   |        |
| Vehicle Speed                                | 0          | MPH    |
| Intake Air Charge Temp                       | 82         | °F     |
| Open Loop with DTC - Bank 1                  | False      |        |
| Alcohol Fuel Percent                         | 0.00       | %      |

|                               |      |    |
|-------------------------------|------|----|
| Air Charge Temp - Bank 1      | -40  | °F |
| Short Term Fuel Trim - Bank 1 | -0.0 | %  |

**Freeze Frame #3****CODE: P2311 | ECU: PCM**

| NAME                                         | VALUE      | UNITS   |
|----------------------------------------------|------------|---------|
| TPS 1 Voltage                                | 0.8308     | Volts   |
| Commanded EGR Duty Cycle                     | 0.00       | %       |
| Current Adaptive Cell ID                     | 18         |         |
| Ethanol Gas For Sure                         | No         |         |
| PCM Odometer                                 | 16441.3440 | miles   |
| Open Loop due to Driving Conditions - Bank 2 | False      |         |
| Air Charge Temp - Bank 2                     | -40        | °F      |
| Throttle Flow Adaptive                       | -0.507     | g/s     |
| Commanded Throttle Actuator Control          | 7.06       | %       |
| Fuel Rail Pressure                           | 414        | Volts   |
| ETC Motor Duty Cycle                         | 6.4        | %DC     |
| Brake Switch 1                               | Released   |         |
| Open Loop - Bank 1                           | True       |         |
| Throttle Flow Multiplicative Adaptive        | -0.00461   | Mult    |
| MAP Voltage                                  | 2.67       | Volts   |
| Open Loop due to Driving Conditions - Bank 1 | False      |         |
| Ignition Run/Start Switch                    | On         |         |
| Brake Switch Pressed                         | Yes        |         |
| AC Clutch                                    | Disengaged |         |
| Ambient Air Temperature                      | 41         | °F      |
| Vacuum                                       | 5          | PSI     |
| Control Module Volts                         | 14.808     | Volts   |
| AC Switch                                    | On         |         |
| Spark Advance                                | 4.5        | degrees |
| Fuel Tank Pressure                           | 120.51     | inch    |
| Relative Throttle Position                   | 6.67       | %       |
| Fuel Rail Pressure                           | 0          | PSI     |
| MAP - Bank 1                                 | 9          | PSI     |
| Purge Solenoid Current                       | 0.000      | mA      |
| Calculated MAP                               | 9.0        | PSI     |
| Purge Duty Cycle                             | 0.0        | %       |
| APP 2 Voltage                                | 0.1955     | Volts   |
| EGR Error                                    | -100.0     | %       |
| Closed Loop with DTC - Bank 2                | False      |         |
| Freeze Frame Caused by DTC                   | 23 11      |         |
| Mass Airflow Rate                            | 0.00       | g/s     |
| Engine RPM                                   | 1350.00    | rpm     |
| Battery Voltage                              | 14.7622    | Volts   |



|                                   |          |         |
|-----------------------------------|----------|---------|
| Closed Loop - Bank 1              | False    |         |
| Alcohol Fuel Percent              | 0.00     | %       |
| Potential Torque                  | 104.34   | Ft-Lbs  |
| Closed Loop - Bank 2              | False    |         |
| Brake Switch 2                    | Released |         |
| Actual Torque                     | 43.48    | Ft-Lbs  |
| Throttle Outlet Temp              | -40      | °F      |
| MAP                               | 9        | PSI     |
| Cooled EGR Temp                   | -40      | deg C/s |
| ETC Motor Directional Duty Cycle  | 6.4      | %DC     |
| Air Charge Temp - Bank 1          | -40      | °F      |
| Low Ethanol Therm Mgmnt Flag      | No       |         |
| Throttle Outlet Pressure          | 9        | PSI     |
| Low Ethanol PWR Enrich Flag       | No       |         |
| Ethanol Trigger On Fuel Vol Fault | No       |         |
| PCM Mileage Since MIL On          | 0.0000   | miles   |
| MAP - Bank 2                      | 9        | PSI     |
| Long Term Fuel Trim - Bank 1      | 1.6      | %       |
| Engine Load                       | 50.2     | %       |
| Engine Coolant Temperature        | 140      | °F      |
| Closed Loop with DTC - Bank 1     | False    |         |
| Open Loop - Bank 2                | False    |         |
| APP Pedal Percent                 | 0.00     | %       |
| Phi Adaption Value                | 0.00000  | Mult    |
| H-Bridge Circuit                  | Enable   |         |
| Open Loop with DTC - Bank 1       | False    |         |
| Short Term Fuel Trim - Bank 2     | -0.0     | %       |
| Fuel Level Percent                | 77.6     | %       |
| Fuel Type Being Used              | Gasoline |         |
| Vehicle Speed                     | 0        | MPH     |
| Freeze Frame DTC Priority         | 01       |         |
| Absolute Load Value               | 37       | %       |
| Barometric Pressure               | 14       | PSI     |
| TPS 2 Voltage                     | 4.1456   | Volts   |
| Ethanol Fine Tune Complete Prev   | No       |         |
| Open Loop with DTC - Bank 2       | False    |         |
| Intake Air Charge Temp            | 82       | °F      |
| Time Since Run / Start            | 4        | seconds |
| Long Term Fuel Trim - Bank 2      | 2.3      | %       |
| Intermediate MAP                  | 9        | PSI     |
| Short Term Fuel Trim - Bank 1     | -0.0     | %       |
| APP 1 Voltage                     | 0.3910   | Volts   |
| Commanded Equivalence Ratio       | 1.00     |         |
| Catalyst Temp                     | 428      | °F      |

## MisFire

CODE: P0300 | ECU: PCM

| NAME                                         | VALUE      | UNITS  |
|----------------------------------------------|------------|--------|
| Open Loop due to Driving Conditions - Bank 2 | False      |        |
| PCM Odometer                                 | 16441.3440 | miles  |
| Commanded EGR Duty Cycle                     | 0.0000     | %      |
| Potential Torque                             | 148.11     | Ft-Lbs |
| ETC Motor Duty Cycle                         | 20.3       | %DC    |
| TPS 1 Voltage                                | 0.9687     | Volts  |
| Freeze Frame Caused by DTC                   | 03 00      |        |
| Vehicle Speed                                | 0          | MPH    |
| Current Adaptive Cell ID                     | 19         |        |
| Brake Switch Pressed                         | Yes        |        |
| Throttle Flow Adaptive                       | -0.536     | g/s    |
| Phi Adaption Value                           | 0.00000    | Mult   |
| Air Charge Temp - Bank 1                     | -40        | °F     |
| Open Loop with DTC - Bank 2                  | False      |        |
| Throttle Outlet Temp                         | -40        | °F     |
| Fuel Tank Pressure                           | 2579.00    | Pa     |
| AC Clutch                                    | Disengaged |        |
| APP 1 Voltage                                | 0.3862     | Volts  |
| Ethanol Trigger On Fuel Vol Fault            | No         |        |
| Short Term Fuel Trim - Bank 2                | -0.0       | %      |
| Open Loop - Bank 2                           | False      |        |
| Short Term Fuel Trim - Bank 1                | -0.0       | %      |
| Long Term Fuel Trim - Bank 1                 | 2.3        | %      |
| Fuel Rail Pressure                           | 0          | PSI    |
| Fuel Rail Pressure                           | 57         | PSI    |
| Purge Solenoid Current                       | 0.000      | mA     |
| AC Switch                                    | On         |        |
| Throttle Outlet Pressure                     | 10         | PSI    |
| Ethanol Gas For Sure                         | No         |        |
| Commanded Throttle Actuator Control          | 9.4118     | %      |
| Open Loop - Bank 1                           | True       |        |
| APP 2 Voltage                                | 0.1955     | Volts  |
| Absolute Load Value                          | 51         | %      |
| Barometric Pressure                          | 14         | PSI    |
| Relative Throttle Position                   | 10.5882    | %      |
| Engine Load                                  | 71.4       | %      |
| Actual Torque                                | -28.26     | Ft-Lbs |
| MAP - Bank 1                                 | 10         | PSI    |
| Vacuum                                       | 4          | PSI    |
| Calculated MAP                               | 10.2       | PSI    |
| TPS 2 Voltage                                | 4.0089     | Volts  |

|                                              |            |         |
|----------------------------------------------|------------|---------|
| MAP Voltage                                  | 3.06       | Volts   |
| Ethanol Fine Tune Complete Prev              | No         |         |
| Purge Duty Cycle                             | 0.0        | %       |
| Closed Loop with DTC - Bank 2                | False      |         |
| Closed Loop - Bank 1                         | False      |         |
| ETC Motor Directional Duty Cycle             | 20.3       | %DC     |
| MAP                                          | 10         | PSI     |
| Open Loop due to Driving Conditions - Bank 1 | False      |         |
| Fuel Type Being Used                         | Gasoline   |         |
| Closed Loop - Bank 2                         | False      |         |
| Freeze Frame DTC Priority                    | 04         |         |
| Control Module Volts                         | 14.823     | V       |
| Engine RPM                                   | 1829.00    | rpm     |
| EGR Error                                    | -100.00000 | %       |
| MAP - Bank 2                                 | 10         | PSI     |
| Low Ethanol Therm Mgmnt Flag                 | No         |         |
| Low Ethanol PWR Enrich Flag                  | No         |         |
| Fuel Level Percent                           | 76.9       | %       |
| Commanded Equivalence Ratio                  | 0.999424   | Count   |
| Brake Switch 1                               | 12         | Counts  |
| Intake Air Charge Temp                       | 50         | °F      |
| Catalyst Temp                                | 606        | °F      |
| PCM Mileage Since MIL On                     | 0.0000     | miles   |
| Time Since Run / Start                       | 6          | seconds |
| Throttle Flow Multiplicative Adaptive        | 0.00168    | Mult    |
| Open Loop with DTC - Bank 1                  | False      |         |
| Air Charge Temp - Bank 2                     | -40        | °F      |
| Ambient Air Temperature                      | 48         | °F      |
| Intermediate MAP                             | 10         | PSI     |
| APP Pedal Percent                            | 0.00       | %       |
| Long Term Fuel Trim - Bank 2                 | 4.7        | %       |
| Closed Loop with DTC - Bank 1                | False      |         |
| Engine Coolant Temperature                   | 59         | °F      |
| Spark Advance                                | 29.0       | degrees |
| Battery Voltage                              | 14.8240    | Volts   |

### Most Recent DTC

CODE: P2314 | ECU: PCM

| NAME                   | VALUE    | UNITS |
|------------------------|----------|-------|
| Purge Duty Cycle       | 0.0      | %     |
| Brake Switch 2         | Released |       |
| APP Pedal Percent      | 0.00     | %     |
| Fuel Level Percent     | 76.9     | %     |
| Throttle Flow Adaptive | -0.536   | g/s   |

|                                       |            |         |
|---------------------------------------|------------|---------|
| Long Term Fuel Trim - Bank 2          | 2.3        | %       |
| Ethanol Trigger On Fuel Vol Fault     | No         |         |
| Brake Switch Pressed                  | Yes        |         |
| Fuel Tank Pressure                    | 101.14     | inch    |
| Ambient Air Temperature               | 54         | °F      |
| Throttle Flow Multiplicative Adaptive | 0.00168    | Mult    |
| Air Charge Temp - Bank 2              | -40        | °F      |
| Throttle Outlet Pressure              | 12         | PSI     |
| TPS 2 Voltage                         | 3.8967     | Volts   |
| Commanded EGR Duty Cycle              | 0          | %       |
| Intermediate MAP                      | 12         | PSI     |
| Ignition Run/Start Switch             | On         |         |
| Control Module Volts                  | 14.746     | Volts   |
| Engine Coolant Temperature            | 68         | °F      |
| Purge Solenoid Current                | 0.000      | mA      |
| Mass Airflow Rate                     | 0.00       | g/s     |
| Vehicle Speed                         | 0          | MPH     |
| MAP - Bank 2                          | 12         | PSI     |
| APP 2 Voltage                         | 0.1955     | Volts   |
| Ethanol Gas For Sure                  | No         |         |
| Short Term Fuel Trim - Bank 2         | -0.0       | %       |
| AC Clutch                             | Disengaged |         |
| Closed Loop - Bank 1                  | False      |         |
| Actual Torque                         | 118.17     | Ft-Lbs  |
| Phi Adaption Value                    | 0.00000    | Mult    |
| Closed Loop with DTC - Bank 2         | False      |         |
| Open Loop with DTC - Bank 2           | False      |         |
| Intake Air Charge Temp                | 54         | °F      |
| Commanded Throttle Actuator Control   | 12         | %       |
| MAP Voltage                           | 3.65       | Volts   |
| Cooled EGR Temp                       | -40        | deg C/s |
| H-Bridge Circuit                      | Enable     |         |
| Absolute Load Value                   | 58         | %       |
| Relative Throttle Position            | 12         | %       |
| Low Ethanol Therm Mgmnt Flag          | No         |         |
| Engine Load                           | 79.2       | %       |
| Throttle Outlet Temp                  | -40        | °F      |
| APP 1 Voltage                         | 0.3862     | Volts   |
| ETC Motor Duty Cycle                  | 10.0       | %DC     |
| PCM Mileage Since MIL On              | 0.0000     | miles   |
| TPS 1 Voltage                         | 1.0760     | Volts   |
| Open Loop - Bank 1                    | True       |         |
| Fuel Type Being Used                  | Gasoline   |         |
| Current Adaptive Cell ID              | 18         |         |

|                                              |            |         |
|----------------------------------------------|------------|---------|
| Calculated MAP                               | 12.1       | PSI     |
| Short Term Fuel Trim - Bank 1                | -0.0       | %       |
| Potential Torque                             | 165.58     | Ft-Lbs  |
| Freeze Frame DTC Priority                    | 03         |         |
| Battery Voltage                              | 14.7004    | Volts   |
| EGR Error                                    | 0.00000    |         |
| Alcohol Fuel Percent                         | 0.00       | %       |
| Long Term Fuel Trim - Bank 1                 | 1.6        | %       |
| MAP                                          | 12         | PSI     |
| Open Loop due to Driving Conditions - Bank 1 | False      |         |
| Ethanol Fine Tune Complete Prev              | No         |         |
| Spark Advance                                | 4.5        | degrees |
| Fuel Rail Pressure                           | 0          | PSI     |
| Catalyst Temp                                | 619        | °F      |
| PCM Odometer                                 | 16441.3440 | miles   |
| Vacuum                                       | 2          | PSI     |
| Brake Switch 1                               | Released   |         |
| Barometric Pressure                          | 14         | PSI     |
| Air Charge Temp - Bank 1                     | -40        | °F      |
| Closed Loop - Bank 2                         | False      |         |
| Engine RPM                                   | 1293.00    | rpm     |
| Closed Loop with DTC - Bank 1                | False      |         |
| Commanded Equivalence Ratio                  | 1.00       |         |
| Open Loop due to Driving Conditions - Bank 2 | False      |         |
| Open Loop - Bank 2                           | False      |         |
| Freeze Frame Caused by DTC                   | 23 14      |         |
| ETC Motor Directional Duty Cycle             | 10.0       | %DC     |
| Open Loop with DTC - Bank 1                  | False      |         |
| Time Since Run / Start                       | 4          | seconds |
| MAP - Bank 1                                 | 12         | PSI     |
| AC Switch                                    | On         |         |
| Fuel Rail Pressure                           | 61         | PSI     |
| Low Ethanol PWR Enrich Flag                  | No         |         |



## VEHICLE SCAN REPORT

**Vehicle** 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE  
**VIN** 2C4RC1N7 [REDACTED]

**Odometer** 16483.2 miles  
**Publication Date** Mar 17, 2021, 3:25:46 PM

## ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | CURRENT             | ORIGINAL            | PART #     |
|-------|--------------------------------|----------|--------------|---------------------|---------------------|------------|
| PCM   | Powertrain Control Module      | CAN-C    | 68416680AF   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68416680AF |
| ICS   | Integrated Center Stack        | CAN-I    | 6EV321X8AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 6EV321X8AB |
| RFH   | Radio Frequency Hub            | CAN-C    | 68383680AC   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68383680AC |
| ESM   | Electronic Shifter             | CAN-C    | 68240089AL   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68240089AL |
| ORC   | Occupant Restraint             | CAN-C    | 68405567AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68405567AB |
| EPS   | Electric Power Steering        | CAN-C    | 68416741AA   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68416741AA |
| HVAC  | Heat, Ventilation and A/C      | CAN-I    | 68406613AA   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68406613AA |
| DDM   | Driver Door Module             | CAN-I    | 68316559AD   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68316559AD |
| PDM   | Passenger Door Module          | CAN-I    | 68316558AD   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68316558AD |
| DMRL  | Door Module Rear Left          | CAN-I    | 68225096AG   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68225096AG |
| DMRR  | Door Module Rear Right         | CAN-I    | 68225096AG   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68225096AG |
| PSDML | Power Sliding Doors (Left)     | CAN-I    | 68369596AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68369596AB |
| PSDMR | Power Sliding Doors (Right)    | CAN-I    | 68369596AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68369596AB |
| MSM   | Memory Seat Module             | CAN-I    | 68321862AC   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68321862AC |
| PLGM  | Power Liftgate                 | CAN-I    | 68316094AF   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68316094AF |
| AMP   | Amplifier                      | CAN-I    | 68440634AA   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68440634AA |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68405292AC   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68405292AC |
| PTS   | Parktronics                    | CAN-C    | 68193775AJ   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68193775AJ |
| SCCM  | Steering Column Control Module | CAN-C    | 68360889AC   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68360889AC |
| BCM   | Body Controller                | CAN-C    | 68402177AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68402177AB |
| ACC   | Adaptive Cruise Control        | CAN-C    | 04672758AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 04672758AB |

|       |                                    |       |            |         |  |         |  |            |
|-------|------------------------------------|-------|------------|---------|--|---------|--|------------|
| HSM   | Heated Seat Module                 | CAN-I | 68421106AA | 2C4RC1N |  | 2C4RC1N |  | 68421106AA |
| RADIO | Radio                              | CAN-I | 68429204AC | 2C4RC1  |  | 2C4RC1N |  | 68429204AC |
| OCM   | Occupant Classification            | CAN-C | 68403127AA | 2C4RC1N |  | 2C4RC1N |  | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB | 2C4RC1N |  | 2C4RC1N |  | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AB | 2C4RC1N |  | 2C4RC1N |  | 04672786AB |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AB | 2C4RC1N |  | 2C4RC1N |  | 04672786AB |
| FFCM  | Forward Facing Camera Module       | CAN-C | 04672776AA | 2C4RC1N |  | 2C4RC1N |  | 04672776AA |
| EDM   | External Disc Module               | CAN-I | 68378304AA | 2C4RC1N |  | 2C4RC1N |  | 68378304AA |
| APM   | Accessory Power Module             | CAN-C | 05185046AB | 2C4RC1N |  | 2C4RC1N |  | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 05193166AD | 2C4RC1N |  | 2C4RC1N |  | 05193166AD |
| HCP   | Hybrid Control Processor           | CAN-C | 05190240AP | 2C4RC1N |  | 2C4RC1N |  | 05190240AP |
| OBCM  | On Board Charging Module           | CAN-C | 05185047AD | 2C4RC1N |  | 2C4RC1N |  | 05185047AD |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC | 2C4RC1N |  | 2C4RC1N |  | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68316174AB | 2C4RC1N |  | 2C4RC1N |  | 68316174AB |
| VRM   | Video Routing Module               | CAN-I | 68376134AE | 2C4RC1N |  | 2C4RC1N |  | 68376134AE |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 68405948AA | 2C4RC1N |  | 2C4RC1N |  | 68405948AA |
| CVPM  | Central vision processing module   | CAN-I | 68375113AA | 2C4RC1N |  | 2C4RC1N |  | 68375113AA |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG | 2C4RC1N |  | 2C4RC1N |  | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05190241AP | 2C4RC1N |  | 2C4RC1N |  | 05190241AP |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68461813AB | 2C4RC1N |  | 2C4RC1N |  | 68461813AB |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68283578AD | 2C4RC1N |  | 2C4RC1N |  | 68283578AD |
| SGW   | Security Gateway Module            | CAN-C | 68420261AA |         |  | 2C4RC1N |  | 68420261AA |

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

| ECU | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT | CVNS     |
|-----|--------------|------------------|------------------|-------|----------|
| PCM | USA          | 1B 47            | 46 03 01         | 4419  | D36F6D84 |
| ICS | USA          | 0F 0C 00         | 11 16 00         | 4700  |          |
| RFH | USA / USA    | 10 17 00         | 12 18 00         | 4A00  |          |
| ESM | USA / USA    | 0F 24 00         | 12 02 FF         | 4402  |          |
| ORC | USA / USA    | 11 1F 00         | 11 27 00         | 4301  |          |
| EPS | USA / USA    | 12 02 03         | 11 15 01         | 4502  |          |

|       |           |          |          |      |                                  |
|-------|-----------|----------|----------|------|----------------------------------|
| HVAC  | USA       | 0E 09 00 | 11 29 01 | 4401 |                                  |
| DDM   | USA / USA | 11 30 00 | 17 42 00 | 4102 |                                  |
| PDM   | USA       | 11 30 00 | 17 42 00 | 4102 |                                  |
| 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 | 11 2D 10 | 4001 |                                  |
| PSDMR | USA / USA | 10 17 00 | 11 2D 10 | 4001 |                                  |
| MSM   | USA       | 0F 2B 00 | 10 27 03 | 4101 |                                  |
| PLGM  | USA       | 17 19 00 | 18 22 00 | 4202 |                                  |
| AMP   | USA       | 0F 05 01 | 12 1A 01 | 4021 |                                  |
| IPC   | USA / USA | 12 0A 00 | 12 10 00 | 4704 |                                  |
| PTS   | USA       | 0E 32 00 | 12 1F 00 | 4311 |                                  |
| SCCM  | USA       | 0E 30 00 | 10 2B 00 | 4301 |                                  |
| BCM   | USA       | 0D 11 00 | 12 0B 90 | 4415 |                                  |
| ACC   | USA / USA | 12 2F 00 | 11 0D 00 | 4201 |                                  |
| HSM   | USA / USA | 15 12 00 | 12 05 01 | 4003 |                                  |
| RADIO | USA       | 13 1A 1E | 13 1A 1E | 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 | 11 2B 00 | 4102 |                                  |
| EDM   | USA       | 12 0A 00 | 11 08 00 | 4000 |                                  |
| APM   | USA / USA | 11 32 00 | 11 32 00 | 4001 |                                  |
| BPCM  |           | 0E 03 00 | 13 18 03 | 4005 | F5BC8401                         |
| HCP   | USA       | 11 1D 07 | 14 08 01 | 4005 | E1481262<br>302EEFA0<br>31B4913E |
| OBCM  | USA       | 0F 0D 00 | 11 2B 00 | 4002 |                                  |
| MSMP  | USA       | 0F 2B 00 | 10 27 03 | 4001 |                                  |
| DSM   | USA / USA | 11 16 00 | 11 15 00 | 4000 |                                  |
| VRM   | USA / USA | 0F 1C 00 | 11 32 13 | 4001 |                                  |
| RCCC  | USA       | 0F 1D 00 | 11 25 00 | 4000 |                                  |
| CVPM  | USA / USA | 11 32 01 | 12 13 04 | 4003 |                                  |
| EAC   | USA       | 0E 34 00 | 12 0F 00 | 4102 |                                  |
| AHCP  | USA       | 11 1D 07 | 14 08 01 | 4000 |                                  |
| EBBM  | USA       | 0E 19 02 | 14 0D 18 | 4000 | E5898FA5                         |
| ABSO  | USA       | 0E 15 02 | 14 13 17 | 4201 | D6E2728F                         |
| SGW   |           | 5        | 564      | 4102 |                                  |

## DTC SUMMARY

| ECU | DTC CODE | DTC DESCRIPTION                                             | STATUS |
|-----|----------|-------------------------------------------------------------|--------|
| PCM | P2302    | Ignition Coil 1 Secondary Circuit - Insufficient Ionization | Stored |
| PCM | P2305    | Ignition Coil 2 Secondary Circuit - Insufficient Ionization | Stored |
| PCM | P2308    | Ignition Coil 3 Secondary Circuit - Insufficient Ionization | Stored |



|      |          |                                                             |         |
|------|----------|-------------------------------------------------------------|---------|
| PCM  | P2311    | Ignition Coil 4 Secondary Circuit - Insufficient Ionization | Stored  |
| PCM  | P2314    | Ignition Coil 5 Secondary Circuit - Insufficient Ionization | Stored  |
| PCM  | P2317    | Ignition Coil 6 Secondary Circuit - Insufficient Ionization | Stored  |
| PCM  | P0300    | Multiple Cylinder Misfire                                   | Pending |
| HVAC | B1107-12 | Cabin Temperature Sensor 1-Circuit Short to Battery         | Active  |
| HCP  | P061B-00 | Internal Control Module Torque Calculation Performance-     | Stored  |

## ENVIRONMENTAL DATA SUMMARY

### PCM | P2302 | Stored | Ignition Coil 1 Secondary Circuit - Insufficient Ionization

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| DTC                                   | 23 02        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Number of DTC                         | 1            |         |
| Odometer                              | 16440.0      | miles   |
| Accumulation Timer                    | 6            | minutes |
| Ignition Key Cycles                   | 0            |         |
| Starts Since Set Counter              | 0            |         |
| Key Cycles Since DTC Last Set Counter | 1            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

### PCM | P2305 | Stored | Ignition Coil 2 Secondary Circuit - Insufficient Ionization

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| DTC Readiness Flag                    | Not Complete |         |
| DTC                                   | 23 05        |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Number of DTC                         | 1            |         |
| Odometer                              | 16440.0      | miles   |
| Accumulation Timer                    | 6            | minutes |
| Ignition Key Cycles                   | 0            |         |
| Starts Since Set Counter              | 0            |         |
| Key Cycles Since DTC Last Set Counter | 1            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

### PCM | P2308 | Stored | Ignition Coil 3 Secondary Circuit - Insufficient Ionization

| NAME               | VALUE        | UNITS |
|--------------------|--------------|-------|
| DTC                | 23 08        |       |
| DTC Readiness Flag | Not Complete |       |
| DTC Storage State  | Stored       |       |

|                                       |         |         |
|---------------------------------------|---------|---------|
| Warning Indicator Request State       | On      |         |
| Number of DTC                         | 1       |         |
| Odometer                              | 16440.0 | miles   |
| Accumulation Timer                    | 6       | minutes |
| Ignition Key Cycles                   | 0       |         |
| Starts Since Set Counter              | 0       |         |
| Warm Up Cycles                        | 0       |         |
| Key Cycles Since DTC Last Set Counter | 1       |         |
| Good Trip Counter                     | 0       |         |

**PCM | P2311 | Stored | Ignition Coil 4 Secondary Circuit - Insufficient Ionization**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| DTC                                   | 23 11        |         |
| DTC Readiness Flag                    | Not Complete |         |
| Warning Indicator Request State       | On           |         |
| DTC Storage State                     | Stored       |         |
| Number of DTC                         | 1            |         |
| Odometer                              | 16440.0      | miles   |
| Accumulation Timer                    | 6            | minutes |
| Ignition Key Cycles                   | 0            |         |
| Starts Since Set Counter              | 0            |         |
| Key Cycles Since DTC Last Set Counter | 1            |         |
| Good Trip Counter                     | 0            |         |
| Warm Up Cycles                        | 0            |         |

**PCM | P2314 | Stored | Ignition Coil 5 Secondary Circuit - Insufficient Ionization**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| DTC                                   | 23 14        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Number of DTC                         | 1            |         |
| Odometer                              | 16440.0      | miles   |
| Accumulation Timer                    | 6            | minutes |
| Ignition Key Cycles                   | 0            |         |
| Starts Since Set Counter              | 0            |         |
| Key Cycles Since DTC Last Set Counter | 1            |         |
| Good Trip Counter                     | 0            |         |
| Warm Up Cycles                        | 0            |         |

**PCM | P2317 | Stored | Ignition Coil 6 Secondary Circuit - Insufficient Ionization**

| NAME               | VALUE        | UNITS |
|--------------------|--------------|-------|
| DTC                | 23 17        |       |
| DTC Readiness Flag | Not Complete |       |

|                                       |         |         |
|---------------------------------------|---------|---------|
| DTC Storage State                     | Stored  |         |
| Warning Indicator Request State       | On      |         |
| Number of DTC                         | 1       |         |
| Odometer                              | 16440.0 | miles   |
| Accumulation Timer                    | 6       | minutes |
| Ignition Key Cycles                   | 0       |         |
| Starts Since Set Counter              | 0       |         |
| Key Cycles Since DTC Last Set Counter | 1       |         |
| Warm Up Cycles                        | 0       |         |
| Good Trip Counter                     | 0       |         |

#### PCM | P0300 | Pending | Multiple Cylinder Misfire

| NAME                                  | VALUE | UNITS   |
|---------------------------------------|-------|---------|
| DTC                                   |       |         |
| DTC Readiness Flag                    |       |         |
| DTC Storage State                     |       |         |
| Warning Indicator Request State       |       |         |
| Number of DTC                         | 0     |         |
| Odometer                              |       | miles   |
| Accumulation Timer                    |       | minutes |
| Ignition Key Cycles                   |       |         |
| Starts Since Set Counter              |       |         |
| Key Cycles Since DTC Last Set Counter |       |         |
| Warm Up Cycles                        |       |         |
| Good Trip Counter                     |       |         |

#### HVAC | B1107-12 | Active | Cabin Temperature Sensor 1-Circuit Short to Battery

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | True  |       |
| Test Failed This Operation Cycle        | True  |       |
| Pending DTC                             | False |       |
| Test Failed Since Last Clear            | True  |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 16474 | miles |
| Ignition Cycle Counter                  | 0     |       |
| Most Recent Odometer Value              | 16474 | miles |
| Frequency Counter                       | 1     |       |

#### HCP | P061B-00 | Stored | Internal Control Module Torque Calculation Performance-

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

|                                         |                          |        |
|-----------------------------------------|--------------------------|--------|
| Test Failed                             | False                    |        |
| Test Not Completed Since Last Clear     | False                    |        |
| DTC                                     | 06 1B 00                 |        |
| Test Failed Since Last Clear            | True                     |        |
| Test Failed This Operation Cycle        | True                     |        |
| Pending DTC                             | True                     |        |
| Test Not Completed This Operation Cycle | False                    |        |
| Confirmed DTC                           | True                     |        |
| Occurrence flag                         | Occurrence               |        |
| Brake Switch Status                     | Not Applied              |        |
| Warning Indicator Requested             | True                     |        |
| Ignition State                          | Reserved                 |        |
| PRND Position Display                   | N                        |        |
| Propulsion System Active                | True                     |        |
| HCP ePT Wake-Up Output                  | On                       |        |
| CBC Wake-Up Input                       | Off                      |        |
| HCP System Shutdown Command             | Default                  |        |
| SW Build Release Version                | PIM_C19A_2003B0_RU_HCP__ |        |
| HCP SW Version                          | C19A                     |        |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |        |
| HV Contactor Status                     | Closed                   |        |
| Impact Event                            | False                    |        |
| APM Status                              | Buck CV                  |        |
| OBCM Operating Mode                     | UTC                      |        |
| J1772 Prox Detected State               | Prox Out                 |        |
| Hybrid System State                     | Propulsion System Active |        |
| PHEV Charging Status                    | No Charging              |        |
| Frequency Counter                       | 4                        |        |
| Most Recent Odometer Value              | 16483.2                  | miles  |
| RAM stamps keyOn                        | 15                       | sec    |
| Ignition Cycle Counter                  | 0                        |        |
| Accelerator Pedal Position              | 0                        | %      |
| Real time clock                         | 64750584                 | sec    |
| HV Battery SOC                          | 19                       | %      |
| Original Odometer Value                 | 16483.1                  | miles  |
| Motor B Temp Sensor                     | 52                       | °F     |
| Vehicle Speed                           | 0.0000                   | MPH    |
| Engine Speed                            | 1400                     | rpm    |
| Motor A Temp Sensor                     | 66                       | °F     |
| RAM Stamps                              | 182071                   | Min    |
| Engine Coolant Temperature              | 68                       | °F     |
| Barometric Pressure                     | 14                       | PSI    |
| Internal EPS Voltage Sense A            | 8.136                    | Volts  |
| Motor B Torque                          | -28.761                  | Ft-Lbs |

|                                         |          |         |
|-----------------------------------------|----------|---------|
| Internal EPS Voltage Sense B            | 8.064    | Volts   |
| Actual Torque - Motor A                 | 6.176    | Ft-Lbs  |
| Available Regen Torque - Motor B        | -234.974 | Ft-Lbs  |
| Motor A Torque                          | 6.176    | Ft-Lbs  |
| Available Motor Torque - Motor B        | 234.974  | Ft-Lbs  |
| Available Regen Torque - Motor A        | -85.730  | Ft-Lbs  |
| Commanded Torque - Motor A              | 6.176    | Ft-Lbs  |
| Available Motor Torque - Motor A        | 85.730   | Ft-Lbs  |
| Motor B - Inverter Current - phase A    | 20       | AMP     |
| Actual Torque - Motor B                 | -28.761  | Ft-Lbs  |
| Motor A - Inverter Current - phase B    | 0        | AMP     |
| Motor B Resolver Angle                  | 44       | Degree  |
| Commanded Torque - Motor B              | -27.655  | Ft-Lbs  |
| Motor A Resolver Angle                  | 318      | Degree  |
| Motor B - Inverter Current - phase B    | 0        | AMP     |
| Motor B - Inverter Current - phase C    | -24      | AMP     |
| Motor A - Inverter Current - phase A    | 0        | AMP     |
| PIM DC Link Voltage - B                 | 327      | Volts   |
| Motor A - Inverter Current - phase C    | -4       | AMP     |
| Electric Motor B Speed                  | 34.5     | rpm     |
| PIM DC Link Voltage - A                 | 322      | Volts   |
| Outside Air Temperature                 | 46.4     | °F      |
| Electric Motor A Speed                  | 5784.5   | rpm     |
| Battery Feed Voltage 2 Sense            | 14.616   | Volts   |
| HV Battery Voltage from BPCM            | 324.70   | Volts   |
| HV Battery Sleep Time                   | 0        | Days    |
| Battery Feed Voltage 3 Sense            | 14.472   | Volts   |
| Battery Feed Voltage 1 Sense            | 14.616   | Volts   |
| Inverter B IGBT Temperature for phase C | 57       | °F      |
| Inverter B IGBT Temperature for phase A | 57       | °F      |
| Inverter A IGBT Temperature for phase A | 59       | °F      |
| Inverter A IGBT Temperature for phase B | 57       | °F      |
| Inverter A IGBT Temperature for phase C | 57       | °F      |
| GPS Date - Year                         | 0        | Year    |
| Inverter B IGBT Temperature for phase B | 57       | °F      |
| UTC Time - Hours                        | 0        | Hours   |
| UTC Time - Minutes                      | 0        |         |
| GPS Date - Month                        | 1        |         |
| GPS Date - Day                          | 1        | Days    |
| Distance Travelled with Light ON        | 0        | miles   |
| ECU Time - Milliseconds                 | 0        | ms      |
| UTC Time - Seconds                      | 0        | seconds |

## SNAPSHOT DATA SUMMARY

No Snapshot Data available for P2302

No Snapshot Data available for P2305

No Snapshot Data available for P2308

No Snapshot Data available for P2311

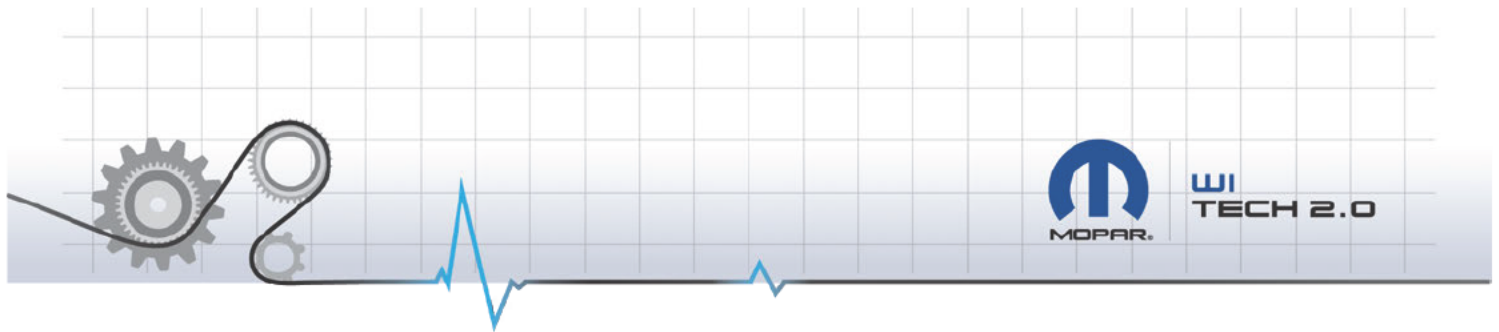
No Snapshot Data available for P2314

No Snapshot Data available for P2317

No Snapshot Data available for P0300

No Snapshot Data available for B1107-12

No Snapshot Data available for P061B-00



## VEHICLE SCAN REPORT

**Vehicle** 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE  
**VIN** 2C4RC1N7 [REDACTED]

**Odometer** 16691.0 miles  
**Publication Date** Apr 22, 2021, 7:47:05 AM

## ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | CURRENT             | ORIGINAL            | PART #     |
|-------|--------------------------------|----------|--------------|---------------------|---------------------|------------|
| PCM   | Powertrain Control Module      | CAN-C    | 68416680AF   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68416680AF |
| ICS   | Integrated Center Stack        | CAN-I    | 6EV321X8AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 6EV321X8AB |
| RFH   | Radio Frequency Hub            | CAN-C    | 68383680AC   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68383680AC |
| ESM   | Electronic Shifter             | CAN-C    | 68240089AL   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68240089AL |
| ORC   | Occupant Restraint             | CAN-C    | 68405567AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68405567AB |
| EPS   | Electric Power Steering        | CAN-C    | 68416741AA   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68416741AA |
| HVAC  | Heat, Ventilation and A/C      | CAN-I    | 68406613AA   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68406613AA |
| DDM   | Driver Door Module             | CAN-I    | 68316559AD   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68316559AD |
| PDM   | Passenger Door Module          | CAN-I    | 68316558AD   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68316558AD |
| DMRL  | Door Module Rear Left          | CAN-I    | 68225096AG   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68225096AG |
| DMRR  | Door Module Rear Right         | CAN-I    | 68225096AG   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68225096AG |
| PSDML | Power Sliding Doors (Left)     | CAN-I    | 68369596AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68369596AB |
| PSDMR | Power Sliding Doors (Right)    | CAN-I    | 68369596AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68369596AB |
| MSM   | Memory Seat Module             | CAN-I    | 68321862AC   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68321862AC |
| PLGM  | Power Liftgate                 | CAN-I    | 68316094AF   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68316094AF |
| AMP   | Amplifier                      | CAN-I    | 68440634AA   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68440634AA |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68405292AC   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68405292AC |
| PTS   | Parktronics                    | CAN-C    | 68193775AJ   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68193775AJ |
| SCCM  | Steering Column Control Module | CAN-C    | 68360889AC   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68360889AC |
| BCM   | Body Controller                | CAN-C    | 68402177AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68402177AB |
| ACC   | Adaptive Cruise Control        | CAN-C    | 04672758AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 04672758AB |

|       |                                    |       |            |          |          |            |
|-------|------------------------------------|-------|------------|----------|----------|------------|
| HSM   | Heated Seat Module                 | CAN-I | 68421106AA | 2C4RC1N7 | 2C4RC1N7 | 68421106AA |
| RADIO | Radio                              | CAN-I | 68429204AC | 2C4RC1   | 2C4RC1N7 | 68429204AC |
| OCM   | Occupant Classification            | CAN-C | 68403127AA | 2C4RC1N7 | 2C4RC1N7 | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB | 2C4RC1N7 | 2C4RC1N7 | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AB | 2C4RC1N7 | 2C4RC1N7 | 04672786AB |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AB | 2C4RC1N7 | 2C4RC1N7 | 04672786AB |
| FFCM  | Forward Facing Camera Module       | CAN-C | 04672776AA | 2C4RC1N7 | 2C4RC1N7 | 04672776AA |
| EDM   | External Disc Module               | CAN-I | 68378304AA | 2C4RC1N7 | 2C4RC1N7 | 68378304AA |
| APM   | Accessory Power Module             | CAN-C | 05185046AB | 2C4RC1N7 | 2C4RC1N7 | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 05193166AD | 2C4RC1N7 | 2C4RC1N7 | 05193166AD |
| HCP   | Hybrid Control Processor           | CAN-C | 05190240AP | 2C4RC1N7 | 2C4RC1N7 | 05190240AP |
| OBCM  | On Board Charging Module           | CAN-C | 05185047AD | 2C4RC1N7 | 2C4RC1N7 | 05185047AD |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC | 2C4RC1N7 | 2C4RC1N7 | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68316174AB | 2C4RC1N7 | 2C4RC1N7 | 68316174AB |
| VRM   | Video Routing Module               | CAN-I | 68376134AE | 2C4RC1N7 | 2C4RC1N7 | 68376134AE |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 68405948AA | 2C4RC1N7 | 2C4RC1N7 | 68405948AA |
| CVPM  | Central vision processing module   | CAN-I | 68375113AA | 2C4RC1N7 | 2C4RC1N7 | 68375113AA |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG | 2C4RC1N7 | 2C4RC1N7 | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05190241AP | 2C4RC1N7 | 2C4RC1N7 | 05190241AP |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68461813AB | 2C4RC1N7 | 2C4RC1N7 | 68461813AB |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68283578AD | 2C4RC1N7 | 2C4RC1N7 | 68283578AD |
| SGW   | Security Gateway Module            | CAN-C | 68420261AA |          | 2C4RC1N7 | 68420261AA |

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

| ECU | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT | CVNS     |
|-----|--------------|------------------|------------------|-------|----------|
| PCM | USA          | 1B 47            | 46 03 01         | 4419  | D36F6D84 |
| ICS | USA          | 0F 0C 00         | 11 16 00         | 4700  |          |
| RFH | USA / USA    | 10 17 00         | 12 18 00         | 4A00  |          |
| ESM | USA / USA    | 0F 24 00         | 12 02 FF         | 4402  |          |
| ORC | USA / USA    | 11 1F 00         | 11 27 00         | 4301  |          |
| EPS | USA / USA    | 12 02 03         | 11 15 01         | 4502  |          |



|       |           |          |          |      |                                  |
|-------|-----------|----------|----------|------|----------------------------------|
| HVAC  | USA       | 0E 09 00 | 11 29 01 | 4401 |                                  |
| DDM   | USA / USA | 11 30 00 | 17 42 00 | 4102 |                                  |
| PDM   | USA       | 11 30 00 | 17 42 00 | 4102 |                                  |
| 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 | 11 2D 10 | 4001 |                                  |
| PSDMR | USA / USA | 10 17 00 | 11 2D 10 | 4001 |                                  |
| MSM   | USA       | 0F 2B 00 | 10 27 03 | 4101 |                                  |
| PLGM  | USA       | 17 19 00 | 18 22 00 | 4202 |                                  |
| AMP   | USA       | 0F 05 01 | 12 1A 01 | 4021 |                                  |
| IPC   | USA / USA | 12 0A 00 | 12 10 00 | 4704 |                                  |
| PTS   | USA       | 0E 32 00 | 12 1F 00 | 4311 |                                  |
| SCCM  | USA       | 0E 30 00 | 10 2B 00 | 4301 |                                  |
| BCM   | USA       | 0D 11 00 | 12 0B 90 | 4415 |                                  |
| ACC   | USA / USA | 12 2F 00 | 11 0D 00 | 4201 |                                  |
| HSM   | USA / USA | 15 12 00 | 12 05 01 | 4003 |                                  |
| RADIO | USA       | 13 1A 1E | 13 1A 1E | 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 | 11 2B 00 | 4102 |                                  |
| EDM   | USA       | 12 0A 00 | 11 08 00 | 4000 |                                  |
| APM   | USA / USA | 11 32 00 | 11 32 00 | 4001 |                                  |
| BPCM  |           | 0E 03 00 | 13 18 03 | 4005 | F5BC8401                         |
| HCP   | USA       | 11 1D 07 | 14 08 01 | 4005 | E1481262<br>302EEFA0<br>31B4913E |
| OBCM  | USA       | 0F 0D 00 | 11 2B 00 | 4002 |                                  |
| MSMP  | USA       | 0F 2B 00 | 10 27 03 | 4001 |                                  |
| DSM   | USA / USA | 11 16 00 | 11 15 00 | 4000 |                                  |
| VRM   | USA / USA | 0F 1C 00 | 11 32 13 | 4001 |                                  |
| RCCC  | USA       | 0F 1D 00 | 11 25 00 | 4000 |                                  |
| CVPM  | USA / USA | 11 32 01 | 12 13 04 | 4003 |                                  |
| EAC   | USA       | 0E 34 00 | 12 0F 00 | 4102 |                                  |
| AHCP  | USA       | 11 1D 07 | 14 08 01 | 4000 |                                  |
| EBBM  | USA       | 0E 19 02 | 14 0D 18 | 4000 | E5898FA5                         |
| ABSO  | USA       | 0E 15 02 | 14 13 17 | 4201 | D6E2728F                         |
| SGW   |           | 5        | 564      | 4102 |                                  |

## DTC SUMMARY

| ECU | DTC CODE | DTC DESCRIPTION                                             | STATUS |
|-----|----------|-------------------------------------------------------------|--------|
| PCM | P2302    | Ignition Coil 1 Secondary Circuit - Insufficient Ionization | Stored |
| PCM | P2305    | Ignition Coil 2 Secondary Circuit - Insufficient Ionization | Stored |
| PCM | P2308    | Ignition Coil 3 Secondary Circuit - Insufficient Ionization | Stored |

|      |          |                                                             |        |
|------|----------|-------------------------------------------------------------|--------|
| PCM  | P2311    | Ignition Coil 4 Secondary Circuit - Insufficient Ionization | Stored |
| PCM  | P2314    | Ignition Coil 5 Secondary Circuit - Insufficient Ionization | Stored |
| PCM  | P2317    | Ignition Coil 6 Secondary Circuit - Insufficient Ionization | Stored |
| HVAC | B1107-12 | Cabin Temperature Sensor 1-Circuit Short to Battery         | Active |
| HCP  | P1625-00 | Park Pawl System Failure-                                   | Stored |
| HCP  | P061B-00 | Internal Control Module Torque Calculation Performance-     | Stored |
| HCP  | P0A7D-00 | Hybrid Battery Pack State of Charge Low-                    | Active |
| HCP  | P0C1A-00 | Drive Motor B Torque Delivered Performance-                 | Stored |
| HCP  | P1A26-00 | BPCM Hybrid Battery State of Charge Performance-            | Active |
| CVPM | B23C5-92 | Front Camera-Performance or Incorrect Operation             | Stored |

## ENVIRONMENTAL DATA SUMMARY

### PCM | P2302 | Stored | Ignition Coil 1 Secondary Circuit - Insufficient Ionization

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| DTC                                   | 23 02        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Number of DTC                         | 1            |         |
| Odometer                              | 16638.8      | miles   |
| Accumulation Timer                    | 5            | minutes |
| Ignition Key Cycles                   | 2            |         |
| Starts Since Set Counter              | 0            |         |
| Key Cycles Since DTC Last Set Counter | 3            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

### PCM | P2305 | Stored | Ignition Coil 2 Secondary Circuit - Insufficient Ionization

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| DTC                                   | 23 05        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Number of DTC                         | 1            |         |
| Accumulation Timer                    | 5            | minutes |
| Odometer                              | 16638.8      | miles   |
| Ignition Key Cycles                   | 2            |         |
| Starts Since Set Counter              | 0            |         |
| Key Cycles Since DTC Last Set Counter | 3            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

### PCM | P2308 | Stored | Ignition Coil 3 Secondary Circuit - Insufficient Ionization

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| DTC                                   | 23 08        |         |
| DTC Storage State                     | Stored       |         |
| DTC Readiness Flag                    | Not Complete |         |
| Warning Indicator Request State       | On           |         |
| Number of DTC                         | 1            |         |
| Odometer                              | 16638.8      | miles   |
| Accumulation Timer                    | 5            | minutes |
| Ignition Key Cycles                   | 2            |         |
| Key Cycles Since DTC Last Set Counter | 3            |         |
| Starts Since Set Counter              | 0            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

**PCM | P2311 | Stored | Ignition Coil 4 Secondary Circuit - Insufficient Ionization**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| DTC                                   | 23 11        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Number of DTC                         | 1            |         |
| Accumulation Timer                    | 5            | minutes |
| Ignition Key Cycles                   | 2            |         |
| Odometer                              | 16638.8      | miles   |
| Starts Since Set Counter              | 0            |         |
| Key Cycles Since DTC Last Set Counter | 3            |         |
| Good Trip Counter                     | 0            |         |
| Warm Up Cycles                        | 0            |         |

**PCM | P2314 | Stored | Ignition Coil 5 Secondary Circuit - Insufficient Ionization**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| DTC                                   | 23 14        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Number of DTC                         | 1            |         |
| Odometer                              | 16638.8      | miles   |
| Accumulation Timer                    | 5            | minutes |
| Ignition Key Cycles                   | 2            |         |
| Starts Since Set Counter              | 0            |         |
| Key Cycles Since DTC Last Set Counter | 3            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

**PCM | P2317 | Stored | Ignition Coil 6 Secondary Circuit - Insufficient Ionization**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| DTC                                   | 23 17        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Number of DTC                         | 1            |         |
| Accumulation Timer                    | 5            | minutes |
| Odometer                              | 16638.8      | miles   |
| Ignition Key Cycles                   | 2            |         |
| Starts Since Set Counter              | 0            |         |
| Key Cycles Since DTC Last Set Counter | 3            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

**HVAC | B1107-12 | Active | Cabin Temperature Sensor 1-Circuit Short to Battery**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Warning Indicator Requested             | False |       |
| Test Not Completed This Operation Cycle | False |       |
| Pending DTC                             | False |       |
| Test Failed                             | True  |       |
| Test Failed This Operation Cycle        | True  |       |
| Test Failed Since Last Clear            | True  |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Occurrence flag                         | ERROR |       |
| Most Recent Odometer Value              | 16613 | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 0     |       |
| Original Odometer Value                 | 16613 | miles |

**HCP | P1625-00 | Stored | Park Pawl System Failure-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | 16 25 00   |       |
| Test Not Completed Since Last Clear     | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Failed This Operation Cycle        | False      |       |
| Test Failed                             | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | Occurrence |       |
| Brake Switch Status                     | Applied    |       |

|                                     |                                    |        |
|-------------------------------------|------------------------------------|--------|
| PHEV Charging Status                | No Charging                        |        |
| Propulsion System Active            | True                               |        |
| Ignition State                      | Reserved                           |        |
| Shift Lock Status                   | Unlocked                           |        |
| PRND Position Display               | P                                  |        |
| PRND Blink                          | Released                           |        |
| Reverse Shift Lock Status           | Unlocked                           |        |
| Auto Correction Request             | APCM Off                           |        |
| Park Pawl Motor Direction           | Out of Park/Move Towards Disengage |        |
| Park Gated Switch                   | Out of Park                        |        |
| Park Pawl Status Feedback           | Engaging                           |        |
| Failure Reasons for Level 2 eShift  | Reserved                           |        |
| Park Pawl Motor Enable Feedback     | Enabled                            |        |
| Hybrid System State                 | Propulsion System Active           |        |
| CBC Wake-Up Input                   | On                                 |        |
| HV Contactor Status                 | Closed                             |        |
| EPT LOC Diag Enable                 | Enable LOC Diagnostic              |        |
| HCP ePT Wake-Up Output              | On                                 |        |
| HCP System Shutdown Command         | Default                            |        |
| APM Status                          | Buck CV                            |        |
| OBCM Operating Mode                 | UTC                                |        |
| J1772 Prox Detected State           | Prox Out                           |        |
| Impact Event                        | False                              |        |
| Most Recent Odometer Value          | 16690.8                            | miles  |
| Original Odometer Value             | 16690.8                            | miles  |
| Frequency Counter                   | 1                                  |        |
| Real time clock                     | 67262496                           | sec    |
| RAM Stamps                          | 182752                             | Min    |
| RAM stamps keyOn                    | 45                                 | sec    |
| Ignition Cycle Counter              | 0                                  |        |
| Accelerator Pedal Position          | 0                                  | %      |
| Engine Speed                        | 1868                               | rpm    |
| PP Actuator Position Sensor Voltage | 4.04                               | Volts  |
| Park Pawl Motor Current             | 0.3                                | AMP    |
| Barometric Pressure                 | 14                                 | PSI    |
| HV Battery SOC                      | 16                                 | %      |
| Vehicle Speed                       | 0.0000                             | MPH    |
| Engine Coolant Temperature          | 171                                | °F     |
| Park Pawl Motor Counts              | 401                                | Counts |
| Battery Feed Voltage 2 Sense        | 14.688                             | Volts  |
| Internal EPS Voltage Sense A        | 8.064                              | Volts  |
| Park Pawl Motor PWM1                | 26                                 | %      |
| Battery Feed Voltage 3 Sense        | 14.616                             | Volts  |
| Internal EPS Voltage Sense B        | 8.064                              | Volts  |

|                                         |          |         |
|-----------------------------------------|----------|---------|
| Actual Torque - Motor B                 | -9.034   | Ft-Lbs  |
| Available Motor Torque - Motor A        | 79.554   | Ft-Lbs  |
| Battery Feed Voltage 1 Sense            | 14.760   | Volts   |
| Actual Torque - Motor A                 | -6.822   | Ft-Lbs  |
| Motor A - Inverter Current - phase B    | 36       | AMP     |
| Motor A - Inverter Current - phase C    | -16      | AMP     |
| Motor B - Inverter Current - phase A    | 8        | AMP     |
| Motor A - Inverter Current - phase A    | -28      | AMP     |
| Available Regen Torque - Motor B        | -235.988 | Ft-Lbs  |
| Commanded Torque - Motor B              | 3.134    | Ft-Lbs  |
| Motor B - Inverter Current - phase B    | -12      | AMP     |
| Available Motor Torque - Motor B        | 235.988  | Ft-Lbs  |
| Commanded Torque - Motor A              | 2.028    | Ft-Lbs  |
| Available Regen Torque - Motor A        | -79.554  | Ft-Lbs  |
| Motor B - Inverter Current - phase C    | -4       | AMP     |
| Motor B Resolver Angle                  | 210      | Degree  |
| Motor A Temp Sensor                     | 144      | °F      |
| Motor B Temp Sensor                     | 142      | °F      |
| Outside Air Temperature                 | 55.4     | °F      |
| HV Battery Voltage from BPCM            | 329.10   | Volts   |
| Electric Motor A Speed                  | 6992.5   | rpm     |
| Electric Motor B Speed                  | 297.0    | rpm     |
| Inverter A IGBT Temperature for phase A | 95       | °F      |
| PIM DC Link Voltage - A                 | 329      | Volts   |
| Inverter A IGBT Temperature for phase B | 93       | °F      |
| Inverter A IGBT Temperature for phase C | 95       | °F      |
| Inverter B IGBT Temperature for phase A | 93       | °F      |
| Motor A Resolver Angle                  | 20       | Degree  |
| PIM DC Link Voltage - B                 | 334      | Volts   |
| Inverter B IGBT Temperature for phase B | 93       | °F      |
| Distance Travelled with Light ON        | 0        | miles   |
| Motor A Torque                          | -6.822   | Ft-Lbs  |
| Inverter B IGBT Temperature for phase C | 95       | °F      |
| Motor B Torque                          | -9.034   | Ft-Lbs  |
| HV Battery Sleep Time                   | 0        | Days    |
| GPS Date - Year                         | 0        | Year    |
| GPS Date - Month                        | 1        |         |
| GPS Date - Day                          | 1        | Days    |
| UTC Time - Seconds                      | 0        | seconds |
| ECU Time - Milliseconds                 | 0        | ms      |
| UTC Time - Hours                        | 0        | Hours   |
| UTC Time - Minutes                      | 0        |         |

| NAME                                    | VALUE                    | UNITS |
|-----------------------------------------|--------------------------|-------|
| DTC                                     | 06 1B 00                 |       |
| Test Failed                             | False                    |       |
| Test Failed This Operation Cycle        | False                    |       |
| Pending DTC                             | False                    |       |
| Confirmed DTC                           | True                     |       |
| Test Failed Since Last Clear            | True                     |       |
| Test Not Completed This Operation Cycle | False                    |       |
| Test Not Completed Since Last Clear     | False                    |       |
| Warning Indicator Requested             | True                     |       |
| Occurrence flag                         | Occurrence               |       |
| Brake Switch Status                     | Applied                  |       |
| PRND Position Display                   | N                        |       |
| Ignition State                          | Reserved                 |       |
| Propulsion System Active                | True                     |       |
| HCP ePT Wake-Up Output                  | On                       |       |
| CBC Wake-Up Input                       | On                       |       |
| HCP System Shutdown Command             | Default                  |       |
| SW Build Release Version                | PIM_C19A_2003B0_RU_HCP__ |       |
| HCP SW Version                          | C19A                     |       |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |       |
| HV Contactor Status                     | Closed                   |       |
| APM Status                              | Buck CV                  |       |
| Impact Event                            | False                    |       |
| OBCM Operating Mode                     | UTC                      |       |
| J1772 Prox Detected State               | Prox Out                 |       |
| Hybrid System State                     | Propulsion System Active |       |
| PHEV Charging Status                    | No Charging              |       |
| Original Odometer Value                 | 16690.8                  | miles |
| Real time clock                         | 67262496                 | sec   |
| Ignition Cycle Counter                  | 0                        |       |
| Most Recent Odometer Value              | 16690.8                  | miles |
| RAM stamps keyOn                        | 45                       | sec   |
| RAM Stamps                              | 182752                   | Min   |
| Accelerator Pedal Position              | 0                        | %     |
| Engine Speed                            | 1811                     | rpm   |
| HV Battery SOC                          | 16                       | %     |
| Frequency Counter                       | 1                        |       |
| Vehicle Speed                           | 0.0000                   | MPH   |
| Motor A Temp Sensor                     | 144                      | °F    |
| Motor B Temp Sensor                     | 142                      | °F    |
| Engine Coolant Temperature              | 171                      | °F    |
| Barometric Pressure                     | 14                       | PSI   |
| Internal EPS Voltage Sense A            | 8.064                    | Volts |

|                                         |          |         |
|-----------------------------------------|----------|---------|
| Motor A Torque                          | 15.026   | Ft-Lbs  |
| Internal EPS Voltage Sense B            | 8.064    | Volts   |
| Motor B Torque                          | -6.545   | Ft-Lbs  |
| Actual Torque - Motor A                 | 15.026   | Ft-Lbs  |
| Actual Torque - Motor B                 | -6.545   | Ft-Lbs  |
| Available Motor Torque - Motor A        | 72.824   | Ft-Lbs  |
| Available Regen Torque - Motor B        | -235.988 | Ft-Lbs  |
| Available Regen Torque - Motor A        | -72.824  | Ft-Lbs  |
| Available Motor Torque - Motor B        | 235.988  | Ft-Lbs  |
| Commanded Torque - Motor B              | 235.988  | Ft-Lbs  |
| Commanded Torque - Motor A              | 16.869   | Ft-Lbs  |
| Motor A - Inverter Current - phase B    | 0        | AMP     |
| Motor A - Inverter Current - phase A    | -4       | AMP     |
| Motor B - Inverter Current - phase B    | 0        | AMP     |
| Motor B Resolver Angle                  | 80       | Degree  |
| Motor B - Inverter Current - phase C    | 0        | AMP     |
| Motor B - Inverter Current - phase A    | 0        | AMP     |
| Motor A Resolver Angle                  | 2        | Degree  |
| Motor A - Inverter Current - phase C    | -4       | AMP     |
| Electric Motor B Speed                  | -367.5   | rpm     |
| PIM DC Link Voltage - B                 | 329      | Volts   |
| PIM DC Link Voltage - A                 | 324      | Volts   |
| Electric Motor A Speed                  | 7045.0   | rpm     |
| HV Battery Voltage from BPCM            | 326.60   | Volts   |
| Outside Air Temperature                 | 55.4     | °F      |
| HV Battery Sleep Time                   | 0        | Days    |
| Battery Feed Voltage 1 Sense            | 14.760   | Volts   |
| Battery Feed Voltage 2 Sense            | 14.688   | Volts   |
| Battery Feed Voltage 3 Sense            | 14.616   | Volts   |
| Inverter A IGBT Temperature for phase C | 95       | °F      |
| Inverter A IGBT Temperature for phase B | 93       | °F      |
| Inverter B IGBT Temperature for phase A | 95       | °F      |
| Inverter A IGBT Temperature for phase A | 95       | °F      |
| Inverter B IGBT Temperature for phase B | 95       | °F      |
| Inverter B IGBT Temperature for phase C | 95       | °F      |
| GPS Date - Month                        | 1        |         |
| Distance Travelled with Light ON        | 0        | miles   |
| GPS Date - Year                         | 0        | Year    |
| UTC Time - Hours                        | 0        | Hours   |
| GPS Date - Day                          | 1        | Days    |
| UTC Time - Minutes                      | 0        |         |
| ECU Time - Milliseconds                 | 0        | ms      |
| UTC Time - Seconds                      | 0        | seconds |



## HCP | POA7D-00 | Active | Hybrid Battery Pack State of Charge Low-

| NAME                                    | VALUE                    | UNITS |
|-----------------------------------------|--------------------------|-------|
| DTC                                     | 0A 7D 00                 |       |
| Test Failed This Operation Cycle        | True                     |       |
| Test Failed                             | True                     |       |
| Pending DTC                             | True                     |       |
| Test Not Completed Since Last Clear     | False                    |       |
| Confirmed DTC                           | True                     |       |
| Test Failed Since Last Clear            | True                     |       |
| Test Not Completed This Operation Cycle | False                    |       |
| Warning Indicator Requested             | True                     |       |
| Occurrence flag                         | Occurrence               |       |
| Brake Switch Status                     | Not Applied              |       |
| Ignition State                          | Reserved                 |       |
| PRND Position Display                   | P                        |       |
| Propulsion System Active                | False                    |       |
| HCP ePT Wake-Up Output                  | On                       |       |
| HCP System Shutdown Command             | Default                  |       |
| CBC Wake-Up Input                       | Off                      |       |
| HCP SW Version                          | C19A                     |       |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |       |
| SW Build Release Version                | PIM_C19A_2003B0_RU_HCP__ |       |
| HV Contactor Status                     | Closed                   |       |
| APM Status                              | Off                      |       |
| Impact Event                            | False                    |       |
| J1772 Prox Detected State               | Prox Out                 |       |
| OBCM Operating Mode                     | UTC                      |       |
| Hybrid System State                     | Inverters Enabled        |       |
| PHEV Charging Status                    | No Charging              |       |
| Original Odometer Value                 | 16690.8                  | miles |
| Most Recent Odometer Value              | 16691.0                  | miles |
| Frequency Counter                       | 11                       |       |
| Real time clock                         | 67270752                 | sec   |
| Ignition Cycle Counter                  | 0                        |       |
| RAM Stamps                              | 182771                   | Min   |
| RAM stamps keyOn                        | 495                      | sec   |
| Accelerator Pedal Position              | 0                        | %     |
| HV Battery SOC                          | 15                       | %     |
| Engine Speed                            | 0                        | rpm   |
| Vehicle Speed                           | 0.0000                   | MPH   |
| Motor A Temp Sensor                     | 115                      | °F    |
| Motor B Temp Sensor                     | 118                      | °F    |
| Barometric Pressure                     | 14                       | PSI   |
| Engine Coolant Temperature              | 127                      | °F    |

|                                         |          |         |
|-----------------------------------------|----------|---------|
| Internal EPS Voltage Sense B            | 8.064    | Volts   |
| Motor B Torque                          | 0.000    | Ft-Lbs  |
| Internal EPS Voltage Sense A            | 7.992    | Volts   |
| Motor A Torque                          | 0.000    | Ft-Lbs  |
| Actual Torque - Motor A                 | 0.000    | Ft-Lbs  |
| Actual Torque - Motor B                 | 0.000    | Ft-Lbs  |
| Available Motor Torque - Motor B        | 232.301  | Ft-Lbs  |
| Available Motor Torque - Motor A        | 87.205   | Ft-Lbs  |
| Available Regen Torque - Motor A        | -87.205  | Ft-Lbs  |
| Available Regen Torque - Motor B        | -232.301 | Ft-Lbs  |
| Commanded Torque - Motor A              | 0.000    | Ft-Lbs  |
| Motor A - Inverter Current - phase A    | -4       | AMP     |
| Commanded Torque - Motor B              | 0.000    | Ft-Lbs  |
| Motor A - Inverter Current - phase C    | -4       | AMP     |
| Motor A - Inverter Current - phase B    | -4       | AMP     |
| Motor B - Inverter Current - phase A    | 0        | AMP     |
| Motor B - Inverter Current - phase C    | 0        | AMP     |
| Motor B - Inverter Current - phase B    | -4       | AMP     |
| PIM DC Link Voltage - A                 | 332      | Volts   |
| Electric Motor A Speed                  | 0.0      | rpm     |
| Motor A Resolver Angle                  | 342      | Degree  |
| Electric Motor B Speed                  | 0.0      | rpm     |
| Motor B Resolver Angle                  | 72       | Degree  |
| PIM DC Link Voltage - B                 | 337      | Volts   |
| HV Battery Voltage from BPCM            | 334.40   | Volts   |
| Outside Air Temperature                 | 68.0     | °F      |
| HV Battery Sleep Time                   | 0        | Days    |
| Battery Feed Voltage 1 Sense            | 12.168   | Volts   |
| Inverter A IGBT Temperature for phase A | 93       | °F      |
| Battery Feed Voltage 2 Sense            | 12.168   | Volts   |
| Battery Feed Voltage 3 Sense            | 12.024   | Volts   |
| Inverter A IGBT Temperature for phase B | 93       | °F      |
| Inverter B IGBT Temperature for phase A | 93       | °F      |
| Inverter A IGBT Temperature for phase C | 93       | °F      |
| Inverter B IGBT Temperature for phase B | 93       | °F      |
| Distance Travelled with Light ON        | 0        | miles   |
| Inverter B IGBT Temperature for phase C | 93       | °F      |
| GPS Date - Year                         | 0        | Year    |
| GPS Date - Month                        | 1        |         |
| GPS Date - Day                          | 1        | Days    |
| UTC Time - Seconds                      | 0        | seconds |
| UTC Time - Minutes                      | 0        |         |
| UTC Time - Hours                        | 0        | Hours   |
| ECU Time - Milliseconds                 | 0        | ms      |

## HCP | POC1A-00 | Stored | Drive Motor B Torque Delivered Performance-

| NAME                                                                | VALUE            | UNITS |
|---------------------------------------------------------------------|------------------|-------|
| Confirmed DTC                                                       | True             |       |
| DTC                                                                 | 0C 1A 00         |       |
| Test Failed                                                         | False            |       |
| Test Not Completed Since Last Clear                                 | False            |       |
| Pending DTC                                                         | False            |       |
| Test Failed This Operation Cycle                                    | False            |       |
| Test Not Completed This Operation Cycle                             | False            |       |
| Occurrence flag                                                     | Occurrence       |       |
| Test Failed Since Last Clear                                        | True             |       |
| Warning Indicator Requested                                         | True             |       |
| Brake Switch Status                                                 | Applied          |       |
| PHEV Charging Status                                                | No Charging      |       |
| Ignition State                                                      | Reserved         |       |
| PRND Position Display                                               | P                |       |
| Propulsion System Active                                            | False            |       |
| Commanded Inverter B State                                          | Torque Control   |       |
| 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 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 U Thermal Warning Fault - Low-Side                    | False            |       |
| Motor B Phase U Thermal Shutdown Fault - Low-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 Cross Conduction Fault - High-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 Cross Conduction Fault - Low-Side                   | False                 |  |
| Motor B Phase V Short Fault - Low-Side                              | False                 |  |
| Motor B Phase V Comm Error High Voltage Regulator Fault - Low-Side  | False                 |  |
| Motor B Phase V SPI Error Fault - Low-Side                          | False                 |  |
| Motor B Phase W Over Current Fault - High-Side                      | False                 |  |
| Motor B Phase V Comm Error Low Voltage Regulator Fault - Low-Side   | False                 |  |
| Motor B Phase W SPI Error 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 Short Fault - High-Side                             | False                 |  |
| Motor B Phase W Short Fault - Low-Side                              | False                 |  |
| Motor B Phase W Hardware Error Fault - High-Side                    | False                 |  |
| Motor B Phase V Hardware Error 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 Cross Conduction Fault - Low-Side                   | False                 |  |
| Motor B Phase W Cross Conduction Fault - High-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 Thermal Warning Fault - High-Side                   | False                 |  |
| Motor B Phase W Hardware Error Fault - Low-Side                     | False                 |  |
| Hybrid System State                                                 | Reserved              |  |
| HCP ePT Wake-Up Output                                              | On                    |  |
| CBC Wake-Up Input                                                   | On                    |  |
| EPT LOC Diag Enable                                                 | Enable LOC Diagnostic |  |
| HV Contactor Status                                                 | Closed                |  |
| APM Status                                                          | Off                   |  |
| Impact Event                                                        | False                 |  |
| HCP System Shutdown Command                                         | Default               |  |
| OBCM Operating Mode                                                 | UTC                   |  |
| J1772 Prox Detected State                                           | Prox Out              |  |
| 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 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 VH - High-Side   | False    |       |
| Motor B Phase V Under Voltage Fault VH - High-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    |       |
| Most Recent Odometer Value                          | 16690.8  | miles |
| Frequency Counter                                   | 1        |       |
| RAM Stamps                                          | 182752   | Min   |
| Accelerator Pedal Position                          | 0        | %     |
| Original Odometer Value                             | 16690.8  | miles |
| Ignition Cycle Counter                              | 0        |       |
| Engine Speed                                        | 1529     | rpm   |
| Barometric Pressure                                 | 14       | PSI   |
| Inverter B Input DC Current                         | 0.0      | AMP   |
| RAM stamps keyOn                                    | 45       | sec   |
| HV Battery SOC                                      | 16       | %     |
| Real time clock                                     | 67262496 | sec   |
| Engine Coolant Temperature                          | 171      | °F    |

|                                         |         |        |
|-----------------------------------------|---------|--------|
| Vehicle Speed                           | 0.0000  | MPH    |
| Actual Torque - Motor B                 | 0.000   | Ft-Lbs |
| Motor B - Inverter Current - phase A    | -4      | AMP    |
| Motor B - Inverter Current - phase B    | 0       | AMP    |
| Electric Motor B Speed                  | 94.0    | rpm    |
| Available Motor Torque - Motor B        | 36.597  | Ft-Lbs |
| Internal EPS Voltage Sense A            | 7.992   | Volts  |
| Internal EPS Voltage Sense B            | 8.064   | Volts  |
| Motor B - Inverter Current - phase C    | 0       | AMP    |
| Motor B Resolver Supply Voltage Value   | 15.75   | Volts  |
| Battery Feed Voltage 2 Sense            | 14.616  | Volts  |
| Battery Feed Voltage 1 Sense            | 14.616  | Volts  |
| Battery Feed Voltage 3 Sense            | 14.544  | Volts  |
| Actual Torque - Motor A                 | 0.000   | Ft-Lbs |
| Available Motor Torque - Motor A        | 85.269  | Ft-Lbs |
| Commanded Torque - Motor B              | 0.000   | Ft-Lbs |
| Motor A - Inverter Current - phase A    | 0       | AMP    |
| Available Regen Torque - Motor B        | 0.000   | Ft-Lbs |
| Available Regen Torque - Motor A        | -85.269 | Ft-Lbs |
| Motor A Resolver Angle                  | 334     | Degree |
| Motor A Temp Sensor                     | 144     | °F     |
| Motor A - Inverter Current - phase B    | 0       | AMP    |
| Motor A - Inverter Current - phase C    | -4      | AMP    |
| Commanded Torque - Motor A              | -21.479 | Ft-Lbs |
| Outside Air Temperature                 | 55.4    | °F     |
| HV Battery Voltage from BPCM            | 332.20  | Volts  |
| Inverter A IGBT Temperature for phase A | 95      | °F     |
| Inverter A IGBT Temperature for phase B | 93      | °F     |
| Electric Motor A Speed                  | 6364.0  | rpm    |
| PIM DC Link Voltage - A                 | 329     | Volts  |
| Inverter A IGBT Temperature for phase C | 93      | °F     |
| Inverter B IGBT Temperature for phase A | 95      | °F     |
| Inverter B IGBT Temperature for phase B | 93      | °F     |
| Inverter B IGBT Temperature for phase C | 95      | °F     |
| Distance Travelled with Light ON        | 0       | miles  |
| PIM DC Link Voltage - B                 | 335     | Volts  |
| Motor A Torque                          | 0.000   | Ft-Lbs |
| HV Battery Sleep Time                   | 0       | Days   |
| Motor B Torque                          | 0.000   | Ft-Lbs |
| UTC Time - Hours                        | 0       | Hours  |
| GPS Date - Year                         | 0       | Year   |
| GPS Date - Month                        | 1       |        |
| GPS Date - Day                          | 1       | Days   |
| UTC Time - Minutes                      | 0       |        |

|                         |   |         |
|-------------------------|---|---------|
| ECU Time - Milliseconds | 0 | ms      |
| UTC Time - Seconds      | 0 | seconds |

### HCP | P1A26-00 | Active | BPCM Hybrid Battery State of Charge Performance-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| Test Failed                             | True     |       |
| Pending DTC                             | True     |       |
| DTC                                     | 1A 26 00 |       |
| Test Failed This Operation Cycle        | False    |       |
| Confirmed DTC                           | False    |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Not Completed This Operation Cycle | True     |       |
| Warning Indicator Requested             | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Occurrence flag                         |          |       |
| Brake Switch Status                     |          |       |
| Ignition State                          |          |       |
| PRND Position Display                   |          |       |
| Propulsion System Active                |          |       |
| HCP ePT Wake-Up Output                  |          |       |
| CBC Wake-Up Input                       |          |       |
| SW Build Release Version                |          |       |
| HCP System Shutdown Command             |          |       |
| HCP SW Version                          |          |       |
| Impact Event                            |          |       |
| APM Status                              |          |       |
| HV Contactor Status                     |          |       |
| OBCM Operating Mode                     |          |       |
| EPT LOC Diag Enable                     |          |       |
| J1772 Prox Detected State               |          |       |
| Hybrid System State                     |          |       |
| PHEV Charging Status                    |          |       |
| Frequency Counter                       |          |       |
| Most Recent Odometer Value              |          | miles |
| Ignition Cycle Counter                  |          |       |
| Real time clock                         |          | sec   |
| RAM stamps keyOn                        |          | sec   |
| RAM Stamps                              |          | Min   |
| Engine Speed                            |          | rpm   |
| Accelerator Pedal Position              |          | %     |
| Original Odometer Value                 |          | miles |
| HV Battery SOC                          |          | %     |
| Vehicle Speed                           |          | MPH   |
| Motor B Temp Sensor                     |          | °F    |

|                                         |  |        |
|-----------------------------------------|--|--------|
| Motor A Temp Sensor                     |  | °F     |
| Engine Coolant Temperature              |  | °F     |
| Barometric Pressure                     |  | PSI    |
| Internal EPS Voltage Sense B            |  | Volts  |
| Internal EPS Voltage Sense A            |  | Volts  |
| Actual Torque - Motor A                 |  | Ft-Lbs |
| Motor B Torque                          |  | Ft-Lbs |
| Motor A Torque                          |  | Ft-Lbs |
| Actual Torque - Motor B                 |  | Ft-Lbs |
| Available Motor Torque - Motor A        |  | Ft-Lbs |
| Available Regen Torque - Motor A        |  | Ft-Lbs |
| Available Motor Torque - Motor B        |  | Ft-Lbs |
| Commanded Torque - Motor A              |  | Ft-Lbs |
| Available Regen Torque - Motor B        |  | Ft-Lbs |
| Commanded Torque - Motor B              |  | Ft-Lbs |
| Motor A - Inverter Current - phase A    |  | AMP    |
| Motor A - Inverter Current - phase C    |  | AMP    |
| Motor A - Inverter Current - phase B    |  | AMP    |
| Motor B - Inverter Current - phase A    |  | AMP    |
| Motor B Resolver Angle                  |  | Degree |
| Motor B - Inverter Current - phase C    |  | AMP    |
| Motor A Resolver Angle                  |  | Degree |
| Motor B - Inverter Current - phase B    |  | AMP    |
| Electric Motor A Speed                  |  | rpm    |
| PIM DC Link Voltage - A                 |  | Volts  |
| Electric Motor B Speed                  |  | rpm    |
| PIM DC Link Voltage - B                 |  | Volts  |
| HV Battery Voltage from BPCM            |  | Volts  |
| Outside Air Temperature                 |  | °F     |
| HV Battery Sleep Time                   |  | Days   |
| Battery Feed Voltage 3 Sense            |  | Volts  |
| Battery Feed Voltage 2 Sense            |  | Volts  |
| Battery Feed Voltage 1 Sense            |  | Volts  |
| Inverter A IGBT Temperature for phase A |  | °F     |
| Inverter A IGBT Temperature for phase B |  | °F     |
| Inverter B IGBT Temperature for phase B |  | °F     |
| Inverter A IGBT Temperature for phase C |  | °F     |
| Inverter B IGBT Temperature for phase A |  | °F     |
| Inverter B IGBT Temperature for phase C |  | °F     |
| Distance Travelled with Light ON        |  | miles  |
| GPS Date - Month                        |  |        |
| GPS Date - Year                         |  | Year   |
| UTC Time - Hours                        |  | Hours  |
| GPS Date - Day                          |  | Days   |



|                         |  |         |
|-------------------------|--|---------|
| UTC Time - Seconds      |  | seconds |
| UTC Time - Minutes      |  |         |
| ECU Time - Milliseconds |  | ms      |

**CVPM | B23C5-92 | Stored | Front Camera-Performance or Incorrect Operation**

| NAME                                                | VALUE                            | UNITS |
|-----------------------------------------------------|----------------------------------|-------|
| DTC                                                 | A3 C5 92                         |       |
| Test Failed                                         | False                            |       |
| Test Failed This Operation Cycle                    | False                            |       |
| Pending DTC                                         | False                            |       |
| Confirmed DTC                                       | True                             |       |
| Test Not Completed Since Last Clear                 | False                            |       |
| Test Failed Since Last Clear                        | True                             |       |
| Test Not Completed This Operation Cycle             | False                            |       |
| Warning Indicator Requested                         | False                            |       |
| DTC Extended Data Record Number - All               | 01                               |       |
| Occurrence flag                                     | ERROR                            |       |
| ECU Failure – Internal Voltage                      | Off                              |       |
| ECU Failure – ECU Memory                            | Off                              |       |
| ECU Failure – Internal Communication Error          | Off                              |       |
| ECU Failure – Video Subsystem Error                 | Off                              |       |
| Calibration Failure - Calibration not Executed      | Off                              |       |
| Calibration Failure - Calibration Data Inconsistent | Off                              |       |
| ECU Failure – Watchdog Error                        | Off                              |       |
| Ignition Status                                     | Ignition Status: Running         |       |
| Steering Wheel Angle Status                         | Steering Wheel Status: Okay      |       |
| Driver Door Ajar                                    | Active                           |       |
| Rear Left Door Ajar                                 | Inactive                         |       |
| Passenger Door Ajar                                 | Inactive                         |       |
| Rear Right Door Ajar                                | Inactive                         |       |
| Reverse Gear                                        | Inactive                         |       |
| Liftgate Ajar                                       | Inactive                         |       |
| Touch Screen Status                                 | Touch Screen Status: Not Pressed |       |
| Touch Screen X Coordinate                           | 0000                             |       |
| Touch Screen Y Coordinate                           | 0000                             |       |
| Radio Display Status                                | Display Status: Normal           |       |
| Original Odometer Value                             | 16623                            | miles |
| Most Recent Odometer Value                          | 16633                            | miles |
| Frequency Counter                                   | 2                                |       |
| DTC Extended Data Record Number 2                   | 2                                |       |
| Ignition Cycle Counter                              | 19                               |       |
| Battery Voltage                                     | 14.3                             | V     |
| Steering Wheel Angle                                | 5.5                              | Deg   |
| ECU Voltage                                         | 14.1                             | V     |

Vehicle Speed

0.000000

MPH

**SNAPSHOT DATA SUMMARY**

No Snapshot Data available for P2302

No Snapshot Data available for P2305

No Snapshot Data available for P2308

No Snapshot Data available for P2311

No Snapshot Data available for P2314

No Snapshot Data available for P2317

No Snapshot Data available for B1107-12

No Snapshot Data available for P1625-00

No Snapshot Data available for P061B-00

No Snapshot Data available for P0A7D-00

No Snapshot Data available for P0C1A-00

No Snapshot Data available for P1A26-00

No Snapshot Data available for B23C5-92



## CONFIGURATION REPORT

**Vehicle** 2019 RAM 2500 PICKUP 6.7L I6 CUMMINS TURBO DIESEL ENGINE  
**VIN** 3C6UR5M [REDACTED]

**Odometer** 5656.2 miles  
**Publication Date** Mar 16, 2021, 10:42:14 AM

## ECU SUMMARY INFO

| ECU   | NAME                            | BUS TYPE | FLASH PART # | CURRENT            | ORIGINAL           | PART #     |
|-------|---------------------------------|----------|--------------|--------------------|--------------------|------------|
| PCM   | Powertrain Control Module       | CAN-C    | 52370931AL   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 52370931AL |
| ICS   | Integrated Center Stack         | CAN-I    | 68370127AB   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68370127AB |
| RFH   | Radio Frequency Hub             | CAN-C    | 68365298AH   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68365298AH |
| ABS   | Anti Lock Brakes                | CAN-C    | 68334977AG   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68334977AG |
| DTCM  | Drive Train Control Module      | CAN-C    | 68250127AB   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68250127AB |
| ORC   | Occupant Restraint              | CAN-C    | 68399790AE   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68399790AE |
| HVAC  | Heat, Ventilation and A/C       | CAN-I    | 68367350AF   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68367350AF |
| DDM   | Driver Door Module              | CAN-I    | 68374091AE   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68374091AE |
| PDM   | Passenger Door Module           | CAN-I    | 68374090AE   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68374090AE |
| CSWM  | Comfort Seat Wheel Module       | CAN-I    | 68388904AB   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68388904AB |
| AMP   | Amplifier                       | CAN-I    | 68381738AD   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68381738AD |
| IPC   | Instrument Panel Cluster        | CAN-C    | 68361598AH   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68361598AH |
| PTS   | Parktronics                     | CAN-C    | 68366715AF   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68366715AF |
| SCCM  | Steering Column Control Module  | CAN-C    | 68425689AA   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68425689AA |
| BCM   | Body Controller                 | CAN-C    | 68372340AF   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68372337AF |
| DCU   | Dosing Control Unit             | CAN-C    | 68353830AC   | —                  | —                  | 68353830AC |
| RADIO | Radio                           | CAN-I    | 68399198AF   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68399198AF |
| ITBM  | Integrated Trailer Brake Module | CAN-C    | 68413389AC   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68413389AC |
| LBSS  | Left Blind Spot Sensor          | CAN-I    | 68358104AE   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68358104AE |
| RBSS  | Right Blind Spot Sensor         | CAN-I    | 68358104AE   | 3C6UR5M [REDACTED] | 3C6UR5M [REDACTED] | 68358104AE |
| VGT   | Variable Geometry Turbo         | CAN-C    | 68213171AE   |                    |                    | 68213171AE |

|     |                         |       |            |  |                   |            |
|-----|-------------------------|-------|------------|--|-------------------|------------|
| SGW | Security Gateway Module | CAN-C | 68416597AB |  | 3C6UR5ML3KG624714 | 68416597AB |
|-----|-------------------------|-------|------------|--|-------------------|------------|

## ECU SUMMARY INFO (CONT...)

| ECU   | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT | CVNS                                                                             |
|-------|--------------|------------------|------------------|-------|----------------------------------------------------------------------------------|
| PCM   | USA          | 12 04 00         | 10 01 00         | 1900  | 2AEC4040<br>138973A8<br>C9F94B8C<br>246C153C<br>1166CE8F<br>A90FBFD2<br>03A23973 |
| ICS   | USA          | 13 07 00         | 13 07 00         | 4903  |                                                                                  |
| RFH   | USA          | 11 22 01         | 13 09 01         | 4111  |                                                                                  |
| ABS   | USA          | 11 26 00         | 13 04 01         | 4700  |                                                                                  |
| DTCM  | USA          | 10 11            | 05 01 09         | 4002  |                                                                                  |
| ORC   | USA          | 0C 25 02         | 12 2A 00         | 4220  |                                                                                  |
| HVAC  | USA          | 12 22 04         | 13 14 01         | 4502  |                                                                                  |
| DDM   | USA          | 12 32 00         | 13 03 00         | 4202  |                                                                                  |
| PDM   | USA          | 12 32 00         | 13 03 00         | 4202  |                                                                                  |
| CSWM  | USA          | 10 2B 00         | 12 16 00         | 4202  |                                                                                  |
| AMP   | USA          | 18 2E 01         | 12 29 00         | 4030  |                                                                                  |
| IPC   | USA          | 19 28 06         | 13 0F 00         | 4904  |                                                                                  |
| PTS   | USA          | 10 32 01         | 13 08 01         | 4401  |                                                                                  |
| SCCM  | USA          | 0A 2E 04         | 0B 26 00         | 4101  |                                                                                  |
| BCM   | USA          | 0D 11 00         | 13 11 70         | 4330  |                                                                                  |
| DCU   | —            | 0C 18 00         | 0E 21 00         | 0200  |                                                                                  |
| RADIO | USA          | 13 1D 00         | 12 30 22         | 8240  |                                                                                  |
| ITBM  | USA          | 10 0E 03         | 12 1F 30         | 4000  |                                                                                  |
| LBSS  | USA          | 12 07 00         | 12 19 02         | 4000  |                                                                                  |
| RBSS  | USA          | 12 07 00         | 12 19 02         | 4000  |                                                                                  |
| VGT   |              | 0D 2B 00         | 11 0A 00         | 0100  |                                                                                  |
| SGW   |              | 5                | 716              | 4103  |                                                                                  |

## CONFIGURATION

### PCM CONFIGURATION

| NAME                            | VALUE      | UNITS |
|---------------------------------|------------|-------|
| Fuel Tank Type                  | All Others |       |
| Automatic Transmission Equipped | True       |       |
| PTO Equipped                    | False      |       |
| 6.7 L Engine                    | True       |       |
| Transmission Software Included  | True       |       |
| Idle Shutdown Equipped          | False      |       |
| EVR Idle Up Equipped            | False      |       |
| Remote Throttle Equipped        | False      |       |
| Fan Config                      | True       |       |

|                                       |       |  |
|---------------------------------------|-------|--|
| 40TE / 41TE / 41TEA                   | False |  |
| Accelerator Interlock Equipped        | False |  |
| Switched Max Operating Speed Equipped | False |  |
| 62TE                                  | False |  |
| PTO Single Speed Equipped             | False |  |
| Air Conditioning Equipped             | True  |  |
| Engine Software In Package            | True  |  |
| 45RFE / 545RFE                        | False |  |
| Manual Transmission Equipped          | False |  |
| Emergency Vehicle                     | False |  |
| 42RLE                                 | False |  |
| Remote PTO Auto Resume Equipped       | False |  |
| Cruise Control Equipped               | False |  |
| Auxiliary Fuel Tank Equipped          | False |  |
| Stationary Desoot Available           | True  |  |
| Vehicle Type                          | PU    |  |
| Mobile PTO Equipped                   | False |  |
| 2nd Alternator Equipped               | False |  |
| 68RFE                                 | True  |  |
| Remote PTO Equipped                   | False |  |
| PTO In Cab Equipped                   | False |  |

## ICS CONFIGURATION

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

## RFH CONFIGURATION

| NAME                                                    | VALUE | UNITS |
|---------------------------------------------------------|-------|-------|
| IAC                                                     | —     |       |
| Back Up ECU Configuration 10 Programmed                 | True  |       |
| Back Up ECU Configuration 13 Programmed                 | True  |       |
| Back Up ECU Configuration 8 Programmed                  | True  |       |
| Back Up ECU Configuration 7 Programmed                  | True  |       |
| Back Up ECU Configuration 17 Programmed                 | True  |       |
| Back Up Vehicle Config CSM 2 Programmed                 | True  |       |
| Back Up Vehicle Config 2 Programmed                     | True  |       |
| Back Up Programmed ECUs: P/T Chassis Network Programmed | True  |       |
| Back Up ECU Configuration 2 Programmed                  | True  |       |
| Back Up ECU Configuration 5 Programmed                  | True  |       |
| Back Up Programmed ECUs: Cabin Network Programmed       | True  |       |
| Back Up ECU Configuration 15 Programmed                 | True  |       |
| Back Up ECU Configuration 4 Programmed                  | True  |       |

|                                         |                |  |
|-----------------------------------------|----------------|--|
| Back Up ECU Configuration 11 Programmed | True           |  |
| Back Up ECU Configuration 12 Programmed | True           |  |
| Back Up Vehicle Config 1 Programmed     | True           |  |
| Back Up Vehicle Config 6 Programmed     | True           |  |
| Back Up ECU Configuration 14 Programmed | True           |  |
| Back Up ECU Configuration 16 Programmed | True           |  |
| Back Up Vehicle Config 4 Programmed     | True           |  |
| Back Up ECU Configuration 3 Programmed  | True           |  |
| Back Up ECU Configuration 9 Programmed  | True           |  |
| Back Up Vehicle Config 3 Programmed     | True           |  |
| Back Up Vehicle Config CSM 1 Programmed | True           |  |
| Back Up Vehicle Config CSM 3 Programmed | True           |  |
| Back Up ECU Configuration 1 Programmed  | True           |  |
| Back Up Vehicle Config 8 Programmed     | True           |  |
| Back Up Vehicle Config 7 Programmed     | True           |  |
| Back Up Vehicle Config 5 Programmed     | True           |  |
| Back Up ECU Configuration 6 Programmed  | True           |  |
| RKE                                     | True           |  |
| Dually                                  | False          |  |
| Module Configuration Status             | True           |  |
| Premium TPM                             | True           |  |
| 4/5 Tire System                         | 4 Tire System  |  |
| Type of TPMS Sensor                     | Type 2 Sensor  |  |
| Passive Entry                           | False          |  |
| Base TPM                                | False          |  |
| Dual Placard Vehicle                    | False          |  |
| Full Spare Present                      | Not Set        |  |
| Police Lighting Feature                 | Not Set        |  |
| ELV System Present                      | Not Set        |  |
| Passive Entry System present            | Not Set        |  |
| Auto Park Present                       | Not Set        |  |
| Shifter Type                            | Not Applicable |  |
| Model Year                              | 2019           |  |
| ESCL system present                     | Not Set        |  |
| SKIM System Present                     | Set            |  |
| Rear Dually Present                     | Not Set        |  |
| Remote Start Present                    | Set            |  |
| Wait To Start Feature                   | Set            |  |
| Run Flat Present                        | Not Set        |  |
| Vehicle Line                            | DJ             |  |
| Thatcham Present                        | Not Set        |  |
| TPMS VARIANT                            | Premium        |  |
| Non Regulatory TPIS Present             | Not Set        |  |
| RKE System Present                      | Set            |  |

|                                            |                              |  |
|--------------------------------------------|------------------------------|--|
| Tire Pressure System                       | Present                      |  |
| Body Style                                 | 4-Door Mega Pickup           |  |
| FOBIK safe feature                         | Set                          |  |
| TPMS Configuration                         | Logic_1 NHTSA enable warning |  |
| Keyless Go feature present                 | Set                          |  |
| T-Case Type                                | Analog Tranfer case 244      |  |
| Left/Right Hand Drive                      | Left Hand Drive              |  |
| Configuration Status                       | Configured                   |  |
| Backup Configuration Programmed            | Yes                          |  |
| Passive Entry User Config Enabled          | Yes                          |  |
| Codes Locked                               | Yes                          |  |
| WRSS User Config Enabled                   | No                           |  |
| Auto-park Present                          | No                           |  |
| Selectable TFA Present                     | Yes                          |  |
| WRSS Present                               | No                           |  |
| Key Location #1 Successfully Programmed    | Yes                          |  |
| TFA User Config Enabled                    | No                           |  |
| eShifter Present                           | No                           |  |
| TFA Present                                | Yes                          |  |
| VIN Successfully Programmed                | Yes                          |  |
| Local Configuration Programmed             | Yes                          |  |
| Manual Transmission                        | No                           |  |
| Key Location #2 Successfully Programmed    | Yes                          |  |
| Hardware Configuration: Left Front Handle  | Serial AP                    |  |
| Hardware Configuration: Right Front Handle | Serial AP                    |  |
| Hardware Configuration: Ignition Module    | KIN                          |  |

## ABS CONFIGURATION

| NAME | VALUE | UNITS |
|------|-------|-------|
| ACC  | False |       |

## DTCM CONFIGURATION

| NAME                   | VALUE | UNITS |
|------------------------|-------|-------|
| Analog Encoder         | False |       |
| Digital Encoder        | True  |       |
| Solenoid Clutch Driver | True  |       |
| FAD                    | True  |       |
| Thermistor             | False |       |
| H-Bridge               | True  |       |

## ORC CONFIGURATION

| NAME                                                        | VALUE | UNITS |
|-------------------------------------------------------------|-------|-------|
| Third Row Left Retractor Pretensioner (C-Pillar) Configured | False |       |
| Passenger Kneebag configured                                | False |       |

|                                                                    |            |  |
|--------------------------------------------------------------------|------------|--|
| Driver Airbag Squib 3 configured                                   | False      |  |
| Passenger Occupant Detection Sensor Status                         | Unoccupied |  |
| First Row Side / Thorax Bag Right ( D-Platforms Only ) Configured  | True       |  |
| Second Row Side / Thorax Bag Left ( D-Platforms Only ) Configured  | False      |  |
| Driver Kneebag configured                                          | False      |  |
| Door Head Airbag Right ( ZD Only ) Configured                      | False      |  |
| Passenger Retractor Pretensioner (B-Pillar) Configured             | True       |  |
| Second Row Left Retractor Pretensioner (C-Pillar) Configured       | False      |  |
| Seatbelt Switch 3rd Row Center Configured                          | False      |  |
| Passenger Seatbelt Sensor Configured                               | True       |  |
| Internal Low G (X Axis)                                            | True       |  |
| Door Thorax Airbag Left ( ZD Only ) Configured                     | False      |  |
| Seat Pelvic Airbag Right ( ZD Only ) Configured                    | False      |  |
| Driver Seatbelt Sensor Configured                                  | True       |  |
| Curtain/Windowbag right ( D-Platforms Only ) Configured            | True       |  |
| Driver Airbag Squib 1 Configured                                   | True       |  |
| First Row Side / Thorax Bag Left ( D-Platforms Only ) Configured   | True       |  |
| Driver Belt Adaptive Pretensioner (buckle Side) Configured         | False      |  |
| Active Hood (Bus)                                                  | False      |  |
| Passenger Airbag Squib 1 Configured                                | True       |  |
| Passenger Airbag Squib 2 Configured                                | True       |  |
| Driver Airbag Squib 2 Configured                                   | True       |  |
| Door Thorax Airbag Right ( ZD Only ) Configured                    | False      |  |
| Second Row Side / Thorax Bag Right ( D-Platforms Only ) Configured | False      |  |
| Curtain/Windowbag left ( D-Platforms Only ) Configured             | True       |  |
| Internal Roll sensor                                               | True       |  |
| Third Row Right Retractor Pretensioner (C-Pillar) Configured       | False      |  |
| Door Head Airbag Left ( ZD Only ) Configured                       | False      |  |
| VipSecond Row Right Retractor Pretensioner (C-Pillar) Configured   | False      |  |
| First Row Center Pretensioner (buckle Side) Configured             | False      |  |
| Seatbelt Switch 3rd Row Left Configured                            | False      |  |
| Seatbelt Switch 3rd Row Right Configured                           | False      |  |
| Passenger Airbag Squib 3 configured                                | True       |  |
| Passenger Seat Track Position Sensor                               | True       |  |
| Internal Low G (Y Axis)                                            | True       |  |
| Driver Belt Buckle Pretensioner (buckle Side) Configured           | True       |  |
| Seatbelt Switch 2nd Row Left Configured                            | False      |  |
| Internal yaw rate                                                  | True       |  |
| Seatbelt Switch 2nd Row Center Configured                          | False      |  |
| Third Row Center Pretensioner (buckle Side) Configured             | False      |  |
| Seatbelt Switch 2nd Row Right Configured                           | False      |  |
| Passenger Belt Buckle Pretensioner (buckle Side) Configured        | True       |  |
| Driver Seat Track Position Sensor                                  | False      |  |
| Passenger Airbag Disable Feature (Bus)                             | False      |  |



|                                                          |       |  |
|----------------------------------------------------------|-------|--|
| Internal Low G (Z Axis)                                  | True  |  |
| Seat Pelvic Airbag Left ( ZD Only ) Configured           | False |  |
| Driver Retractor Pretensioner (B-Pillar) Configured      | True  |  |
| Pass Belt Adaptive Pretensioner (buckle Side) Configured | True  |  |
| Second Row Center Pretensioner (buckle Side) Configured  | False |  |

## PDM CONFIGURATION

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

## AMP CONFIGURATION

| NAME                                 | VALUE                                          | UNITS |
|--------------------------------------|------------------------------------------------|-------|
| Premuim - 3                          | False                                          |       |
| Non -ANC                             | False                                          |       |
| No HALF Chimes                       | True                                           |       |
| Premuim - 2                          | True                                           |       |
| Premuim - 1                          | False                                          |       |
| No Rear Doors                        | True                                           |       |
| Door Module - Right Front            | Present                                        |       |
| Door Module - Left Front             | Present                                        |       |
| Current ANC Calibration ID - Service | DJ D2 6.7L 68RFE: Mega & Alpine Premium II AMP |       |
| ANC Status                           | Off - Window Mute                              |       |
| Surround Sound Activated             | Set                                            |       |
| ANC Calibration Date - Year          | 18                                             |       |
| ANC Calibration Date - Patch Level   | 0                                              |       |
| ANC Calibration Date - Week          | 26                                             |       |

## IPC CONFIGURATION

| NAME          | VALUE | UNITS |
|---------------|-------|-------|
| Rear Fog Lamp | True  |       |
| Base/Mid-Line | False |       |
| Diesel        | True  |       |

## PTS CONFIGURATION

| NAME                             | VALUE | UNITS |
|----------------------------------|-------|-------|
| Rear System with 6 Front Sensors | True  |       |
| Front System with 6 Rear Sensors | False |       |

## BCM CONFIGURATION

| NAME                                          | VALUE         | UNITS |
|-----------------------------------------------|---------------|-------|
| Number of Reprogramming Attempts - Counter #0 | 0             |       |
| Vehicle Configuration Programmed Status       | True          |       |
| Last Programmed Status                        | Manufacturing |       |

|                                                               |                                |       |
|---------------------------------------------------------------|--------------------------------|-------|
| Vehicle Configuration 1 - Write Counter                       | 1                              |       |
| Vehicle Configuration 6 - Write Counter                       | 1                              |       |
| ECU Configuration 5 (Memory)                                  | 1                              |       |
| Vehicle Configuration 7 - Write Counter                       | 1                              |       |
| Programmed Network Configuration - Audio / Telematics Network | 0                              |       |
| ECU Configuration 14                                          | 1                              |       |
| ECU Configuration 6 (Suspension)                              | 1                              |       |
| Programmed ECUs: Cabin Network                                | 1                              |       |
| ECU Configuration 2 (CBC Features)                            | 1                              |       |
| Last Configuration Odometer                                   | 0                              | miles |
| Vehicle Config CSM2                                           | 1                              |       |
| ECU Configuration 6 (Powertrain)                              | 1                              |       |
| ECU Configuration 8 (LIN and Miscellaneous )                  | 1                              |       |
| ECU Configuration 15 (CBC Features)                           | 1                              |       |
| Vehicle Configuration 3 - Write Counter                       | 1                              |       |
| Vehicle Configuration 2 - Write Counter                       | 1                              |       |
| ECU Configuration 6 (Brake)                                   | 1                              |       |
| Vehicle Configuration 5 - Write Counter                       | 1                              |       |
| ECU Configuration 6 (Safety)                                  | 1                              |       |
| ECU Configuration 1 (CBC Configurable Inputs and Outputs)     | 1                              |       |
| ECU Configuration 7 (CBC Exterior Lighting Calibrations)      | 1                              |       |
| ECU Configuration 12                                          | 1                              |       |
| ECU Configuration 9A                                          | 1                              |       |
| ECU Configuration 4                                           | 1                              |       |
| ECU Configuration 10                                          | 1                              |       |
| ECU Configuration 15 (Suspension)                             | 1                              |       |
| ECU Configuration 5 (Doors)                                   | 1                              |       |
| ECU Configuration 13                                          | 1                              |       |
| Vehicle Config CSM1                                           | 1                              |       |
| Vehicle Configuration Auto Write Counter                      | 1                              |       |
| ECU Configuration 11                                          | 1                              |       |
| ECU Configuration 9 (ITM)                                     | 1                              |       |
| ECU Configuration 3                                           | 1                              |       |
| Programmed ECUs: Hybrid LAN Network                           | 0                              |       |
| Programmed ECUs: P/T Chassis Network                          | 1                              |       |
| ECU Configuration 5 (Wireless)                                | 1                              |       |
| Vehicle Configuration 4 - Write Counter                       | 1                              |       |
| Special Packages                                              | DT Base                        |       |
| Maximum Vehicle Speed                                         | 99                             | MPH   |
| PTS Configuration                                             | Front And Rear /Front And Rear |       |
| Country Code                                                  | USA                            |       |
| Hill Descent Feature Present                                  | Set                            |       |
| Select Speed Control Feature Present                          | Not Set                        |       |
| Shifter Type                                                  | Not applicable / TYPE_NA       |       |

|                                               |                            |         |
|-----------------------------------------------|----------------------------|---------|
| Auto Highbeam                                 | Not Set                    |         |
| Model Year                                    | 2019                       |         |
| Body Style                                    | 4-Door Mega Pickup         |         |
| Emode Present                                 | Not Set                    |         |
| Performance Pages Present                     | Not Present                |         |
| Remote Start Present                          | Set                        |         |
| Vehicle Line                                  | DJ                         |         |
| Drive Configuration                           | Selectable 4WD             |         |
| Left/Right Hand Drive                         | Left Hand Drive            |         |
| Rain Sensor Present                           | Not Set                    |         |
| Light Load Inflation Pressure Rear Tire       | 0.0                        | PSI     |
| Full Size Spare                               | Not Set                    |         |
| SKIM System Present                           | Set                        |         |
| Thatcham Present                              | Not Set                    |         |
| Max Load Inflation Pressure Front Tire        | 65.0                       | PSI     |
| Light Load Inflation Pressure Front Tire      | 0.0                        | PSI     |
| Max Load Inflation Pressure Rear Tire         | 65.0                       | PSI     |
| Special Packages                              | Bighorn / BIGHORN          |         |
| Flipper Glass Present                         | Not Set                    |         |
| Power Inverter Type                           | No Power Inverter          |         |
| Air Conditioning Present                      | Set                        |         |
| Cruise Feature is Present                     | Set                        |         |
| Off Road Capable                              | Not Set                    |         |
| Power Lift Gate Present                       | Not Set                    |         |
| ELV Present                                   | Not Set                    |         |
| Window Express Feature Configuration          | Front windows express only |         |
| Disable Display of Radio Clock                | Not Set                    |         |
| Auto Headlamp Feature Present                 | Set                        |         |
| High Intensity Discharge Head Lamps           | Not Set                    |         |
| Display Compass Heading Present               | Set                        |         |
| Power Right Sliding Door Present              | Not Set                    |         |
| Premium TPM system present                    | Set                        |         |
| Two Fuel Sending Units Present                | Not Set                    |         |
| Power Left Sliding Door Present               | Not Set                    |         |
| Base TPM system present                       | Not Set                    |         |
| Forward Collision Warning present             | Not Set                    |         |
| Secondary Lock Present                        | Not Set                    |         |
| Vehicle is an SRT                             | Not Set                    |         |
| Paddle Shift Feature Present                  | Not Set                    |         |
| Adjustable Pedal Feature Present (non-Memory) | Set                        |         |
| Interior EC Mirror Present                    | Set                        |         |
| ESCL system present                           | Not Set                    |         |
| HVAC Configuration                            | Dual Zone ATC              |         |
| Fuel Capacity                                 | 31                         | gallons |

|                                                               |                                                     |         |
|---------------------------------------------------------------|-----------------------------------------------------|---------|
| T-Case Type                                                   | 44-45, 44-46 w/Sync, 44-48 w/Sync / BW4445 46 48 WS |         |
| Vehicle Brand                                                 | Ram                                                 |         |
| Chassis Type                                                  | Type 18                                             |         |
| Passive Entry Present                                         | Not Set                                             |         |
| Liftgate/Trunk Type                                           | Trunk                                               |         |
| Sunshade Present                                              | Not Set                                             |         |
| Sport Mode Present                                            | Not Set                                             |         |
| Collision Mitigation System present                           | Not Set                                             |         |
| Auto Park Present                                             | Not Set                                             |         |
| FOBIK Safe Enable                                             | Set                                                 |         |
| RKE System Present                                            | Set                                                 |         |
| Wheel Base                                                    | Short wheel base (120" Ram Truck) / SHORT           |         |
| Keyless Go Present                                            | Set                                                 |         |
| Display Outside Temperature Present                           | Set                                                 |         |
| Door Alert Feature Present                                    | Not Set                                             |         |
| Transfer Case High Ratio                                      | 3.304                                               | No Unit |
| Transfer Case Low Range Reduction Ratio                       | 2.640                                               |         |
| Axle Ratio                                                    | 3.730                                               |         |
| Dynamic Tire Circumference (All or Rear)                      | 104                                                 | inch    |
| Non-Regulated Tire Pressure Information System (TPIS) Present | Not Set                                             |         |
| Dual Rear Wheel (DRW) Vehicle Present                         | Not Set                                             |         |
| Steering Ratio at zero                                        | 0.0                                                 | No Unit |
| Air Quality System Present                                    | Not Set                                             |         |
| Analog Door Sensor Configuration                              | No Doors with Analog Sensors                        |         |
| Wired Remote Start/Stop                                       | Not Set                                             |         |
| DBL                                                           | Not Set                                             |         |
| Steering C Factor                                             | type 1                                              |         |
| Overtaking Ban                                                | Not Set                                             |         |
| Linelock Present                                              | Not Set                                             |         |
| Digital CHMSL Camera                                          | Not Set                                             |         |
| Tire Fill Alert                                               | Set                                                 |         |
| Transmission Brake                                            | Not Set                                             |         |
| ARC Present                                                   | Not Set                                             |         |
| Trailer TPM                                                   | Not Set                                             |         |
| Auxiliary Trailer Camera                                      | Not Set                                             |         |
| AVAC                                                          | Not Set                                             |         |
| High Octane Present                                           | Not Set                                             |         |
| Reserved                                                      | Reserved                                            |         |
| Increasing speed constant                                     | Increasing 0 KPH                                    |         |
| Off Road Camera                                               | Not Set                                             |         |
| Trailer Reverse Guidance                                      | Not Set                                             |         |
| Beam Shaping                                                  | Not Set                                             |         |
| Speedometer Tolerance                                         | 0 Percent Tolerance                                 |         |
| Off Road Mode                                                 | Not Set                                             |         |

|                                                                      |                                      |  |
|----------------------------------------------------------------------|--------------------------------------|--|
| Overhead Console Type                                                | Base OHC                             |  |
| PEB                                                                  | Not Set                              |  |
| PPPA Hard Button                                                     | Not Set                              |  |
| Selectable Tire Fill Alert                                           | Set                                  |  |
| Chiller Present                                                      | Not Set                              |  |
| SBL FBL Cornering                                                    | Not Present                          |  |
| Headlamp LED Intensity Configuration Referred to Market Homologation | Configuration Not Defined / CONF_SNA |  |
| Pickup Box Delete                                                    | Not Set                              |  |
| Tachometer Type                                                      | Tachometer Type 1 / TYP 1            |  |
| Wheel Base Length                                                    | 7                                    |  |
| Right Rear Door Ajar Present - Pin E5                                | Set                                  |  |
| Front Fog Lamps Output Present - Pin A1 & D13                        | Set                                  |  |
| Inverter On/Off Switch Present - Pin G12                             | Not Set                              |  |
| Stop Lamp CHMSL Feed Present - Pin E31                               | Set                                  |  |
| Trunk/Flipper Glass Release Present - Pin F4                         | Set                                  |  |
| Reserved - Pin E29                                                   | Set                                  |  |
| Rear Fog Lamps Output Present - Pin E39 & F5                         | Not Set                              |  |
| Ambient Temperature Sensor Present - Pin D22                         | Set                                  |  |
| Front Passenger Analog Door Ajar Present - Pin F23                   | Set                                  |  |
| Diesel Cabin Heater #2 Output Present - Pin D9                       | Set                                  |  |
| Reserved - Pin E34                                                   | Not Set                              |  |
| Rear Turn Lamps Output Present - Pin E3 & F42                        | Set                                  |  |
| VTA Warning LED Output Present - Pin G22                             | Set                                  |  |
| Trailer Backup Lamps Output Present - Pin E23                        | Set                                  |  |
| Cargo Lamp Output Present - Pin F6                                   | Set                                  |  |
| Left Ram Box Release Present - Pin E41                               | Not Set                              |  |
| UGDO Feed Output Present - Pin G15                                   | Set                                  |  |
| Ambient Light Dimmer Wheel Input Present Pin G9                      | Set                                  |  |
| Diesel Cabin Heater #1 Output Present - Pin D7                       | Set                                  |  |
| Horn Switch Input Present - Pin F29                                  | Not Set                              |  |
| Low Beam Output Present - Pin A3, D2                                 | Set                                  |  |
| Rear Park Lamps Output Present - Pin E4 & F32                        | Set                                  |  |
| Front Driver Analog Door Ajar Present - Pin F9                       | Set                                  |  |
| Left Rear Door Ajar Signal Present - Pin G18                         | Set                                  |  |
| Adjustable Pedal Motor Relay Present - Pin E35                       | Set                                  |  |
| Hood Ajar Switch Input Present - Pin A11                             | Set                                  |  |
| Reserved - Pin E48                                                   | Not Set                              |  |
| IRC Heater Relay Control Present - Pin D11                           | Not Set                              |  |
| Diesel Cabin Heater #3 Output Present - Pin D10                      | Set                                  |  |
| Right Ram Box Release Present - Pin E42                              | Not Set                              |  |
| Bed Light Switch Input Present - Pin G16                             | Not Set                              |  |
| Front Wiper Wipes After Wash                                         | 2 Wipes                              |  |
| LED Low Beam Lamps Present                                           | Set                                  |  |

| Hazard Lamp Configuration                          | Latching Switch                       |  |
|----------------------------------------------------|---------------------------------------|--|
| Tunnel Detection                                   | Not Set                               |  |
| Reversible Washer Pump Enable                      | Not Set                               |  |
| LED Rear Turn Lamps Present                        | Set                                   |  |
| Horn Chirp Allowed                                 | Set                                   |  |
| LED Reverse Lamps Present                          | Set                                   |  |
| Bi Xenon Headlamps Enable                          | Not Set                               |  |
| DRL Dropout Enable                                 | Not Set                               |  |
| Front Wiper Park Enable                            | Set                                   |  |
| DRL Configuration                                  | Optional DRL                          |  |
| Headlamp Wash Spray Duration (at 100 ms intervals) | 2000ms                                |  |
| VTA Hood Ajar Monitoring                           | Set                                   |  |
| LED Stop Lamps Present                             | Set                                   |  |
| LED License Lamps Present                          | Set                                   |  |
| Dual Start Relay System Present                    | Not Set                               |  |
| Trailer Tow Present                                | Set                                   |  |
| Door Lock Switch Signal Front Right Usage          | Not used                              |  |
| LED Front Park/Marker Lamps Present                | Set                                   |  |
| Exterior Light Loadshed Enable                     | Set                                   |  |
| Door Lock Switch Signal Front Left Usage           | Analog Door Ajar Switch Signal Driver |  |
| Side Repeaters Enable                              | Not Set                               |  |
| Wiper Service Position Enabled                     | Not Set                               |  |
| AUX High Beam Present                              | Not Set                               |  |
| Rear Lighting DTC Disable                          | Not Set                               |  |
| Rear Wiper Park Enable                             | Not Set                               |  |
| LED High Beam Lamps Present                        | Set                                   |  |
| Tip Start Enabled                                  | Set                                   |  |
| TCSM Present                                       | Set                                   |  |
| Intermittent Wiper States                          | 5 Intermittent Wiper position Switch  |  |
| LED Front Fog Lamps Present                        | Set                                   |  |
| LED CHMSL Lamp Present                             | Not Set                               |  |
| Headlamp Washer Low Fluid Shut-Off Enable          | Set                                   |  |
| LED Front Turn Lamps Present                       | Not Set                               |  |
| DRL Lamp Location                                  | Low Beam DRL                          |  |
| LED Rear Fog Lamps Present                         | Not Set                               |  |
| Park Lamp Loadshed Enable                          | Set                                   |  |
| Headlamp Wash Interval                             | wash cycle#11                         |  |
| Front Fog Lamp Dropout Enable                      | Set                                   |  |
| One Touch Lane Change                              | Set                                   |  |
| Combined Rear Lighting Enable                      | Not Set                               |  |
| LED Tail Lamps Present                             | Set                                   |  |
| Single Element Tail Lamp                           | Not Set                               |  |
| Quad Headlamps Enable                              | Set                                   |  |
| LED Dedicated DRL Present                          | Not Set                               |  |

| Splashscreen Type                                 | Vehicle Brand                           |  |
|---------------------------------------------------|-----------------------------------------|--|
| Heated Steering Wheel Present                     | Set                                     |  |
| SDAR Travel Link Present                          | Not Set                                 |  |
| Rear Camera Present                               | Set                                     |  |
| DTV Side Camera Present                           | Not Set                                 |  |
| DTV Front Camera Present                          | Not Set                                 |  |
| CTP Easy Entry Enable                             | Not Set                                 |  |
| Surround Sound Feature Present                    | Set                                     |  |
| Front Ventilated Seats Present                    | Not Set                                 |  |
| VIN Check Digit Diabie                            | Not Set                                 |  |
| Hill Descent Control Present                      | Set                                     |  |
| Audio Steering Wheel Switch Configuration         | Brand Focus Steering Wheel              |  |
| CTP NAV Haptic Speller Enabled                    | Not Set                                 |  |
| APPS Present                                      | Not Set                                 |  |
| Microphone Tuning Parameter                       | absent                                  |  |
| Microphone Configuration                          | 2 Microphones                           |  |
| Radio Display On/Off Softkey Present              | Not Set                                 |  |
| Hill Start Assist Customer Setting Option Present | Set                                     |  |
| Hybrid Electric Powertrain Present                | Not Set                                 |  |
| External Port Type                                | AUX + USB + SD + extra USB + extra USB  |  |
| DAB Present                                       | Not Set                                 |  |
| Tow Haul Present                                  | Not Set                                 |  |
| Power Inverter Present                            | Not Set                                 |  |
| Antenna Type                                      | Active Primary and no secondary antenna |  |
| CTP Auto Lock Disable                             | Not Set                                 |  |
| Destination                                       | United States of America                |  |
| Microphone Type                                   | Peiker 300 mv                           |  |
| CTP Passive Entry Present                         | Not Set                                 |  |
| CTP Max AC Present                                | Not Set                                 |  |
| Disable CD Eject                                  | Not Set                                 |  |
| Vehicle Theft Alarm Present                       | Not Set                                 |  |
| Cabin Equilization Curve Number                   | Mega Cab Premium (Alpine 12-ch) (Ds)    |  |
| Front Heated Seats Present                        | Set                                     |  |
| Power Door Locks Present                          | Set                                     |  |
| AMB Dimmer                                        | NOT AVAILABLE                           |  |
| Vehicle Class                                     | Reserved                                |  |
| Temperature Celsius for UK                        | Not Set                                 |  |
| Fleet Vehicle Content                             | Not Set                                 |  |
| ERS Available                                     | NOT AVAILABLE                           |  |
| Type of Gallons                                   | U.K. Gallons                            |  |
| Service Interval                                  | 20000 km and 730 days                   |  |
| Stop Start Menu Present                           | Not Set                                 |  |
| Rear Wheel Dually                                 | NOT AVAILABLE                           |  |
| Manual Headlamp Leveling                          | NOT AVAILABLE                           |  |

|                                          |                        |  |
|------------------------------------------|------------------------|--|
| Gear Shift Indicator                     | Not Set                |  |
| Max Gear                                 | Six gear               |  |
| Actual Gear For Display                  | 00                     |  |
| Heated Seat Present                      | available              |  |
| Tailgate Ajar Indication                 | Not Set                |  |
| IC Config Feature                        | NOT AVAILABLE          |  |
| PTO Present                              | NOT AVAILABLE          |  |
| Split Shaft Present                      | NOT AVAILABLE          |  |
| AP5 Trunk                                | Not Present            |  |
| AP2 Right Front                          | Not Present            |  |
| AP3 Left Rear                            | Not Present            |  |
| AP4 Right Rear                           | Not Present            |  |
| AP1 Left Front                           | Not Present            |  |
| Tip Start Present                        | Set                    |  |
| Airport Scenario Trunk Set               | Not Set                |  |
| Sun Shade                                | Not Set                |  |
| Passenger Window Lockout                 | Set                    |  |
| Frameless Window Present                 | Not Set                |  |
| Puddle Lamp Present                      | Not Set                |  |
| Heated Mirrors Present                   | Set                    |  |
| Driver Memory Mirrors Present            | Not Set                |  |
| Mirror turn signals present              | Set                    |  |
| Global Down                              | Not Set                |  |
| Global Up                                | Not Set                |  |
| Blindspot Mirror Present                 | Set                    |  |
| Tow Mirror Present                       | Set                    |  |
| Passenger Memory Mirror Present          | Not Set                |  |
| Window Motor Type                        | Not Set                |  |
| Heated Wheel Material Type               | Wood/Leather           |  |
| Heated Seat Material Type                | Default                |  |
| Front Vented Seats Present               | Not Present            |  |
| Tilt/Telescope Steering Present          | Not Set                |  |
| Driver Memory Seat Present               | Not Set                |  |
| Memory Adjustable Pedals Present         | Not Set                |  |
| Heated Steering Wheel Present            | Present                |  |
| Rear Heated Seats Present                | Not Present            |  |
| Rear Axle Thermal Valve Module Present   | Not Set                |  |
| Active Air Dam Present                   | Set                    |  |
| ECO Mode Configuration                   | Eco Mode not available |  |
| Dual Alternator Present                  | Not Set                |  |
| Auto High Beam OFF Threshold             | 20 km/hr               |  |
| Rain Sensor Module #2 Present            | Not Set                |  |
| Inverter On/Off Switch Present - Pin G12 | Not Set                |  |
| Right Ram Box Release - Pin F14          | Not Set                |  |



|                                                   |                                             |      |
|---------------------------------------------------|---------------------------------------------|------|
| Secondary Door Ajar Present - Pin E28             | Not Set                                     |      |
| Power Inverter Status Indicator Present - Pin F34 | Not Set                                     |      |
| Humidity Sensor Long Present                      | Set                                         |      |
| Left Ram Box Release - Pin F13                    | Not Set                                     |      |
| Auto High Beam Module Location                    | CRVMM                                       |      |
| Auto High Beam ON Threshold                       | 25 km/hr                                    |      |
| Manual Door Locks Present                         | Not Set                                     |      |
| Fog Lamp Switch - Pin G2                          | Set                                         |      |
| Brake Smoothing Factor                            | Filter Off                                  |      |
| Excess Longitudinal Acceleration Factor           | Filter Off                                  |      |
| Maximum Lateral Change                            | Filter Off                                  |      |
| Average Last Longitudinal Acceleration Values     | No Averaging                                |      |
| Excess Lateral Acceleration Factor                | Filter Off                                  |      |
| Average Last Lateral Acceleration Values          | No Averaging                                |      |
| Acceleration Factor                               | Filter Off                                  |      |
| Steering Smoothing Threshold                      | Filter Off                                  |      |
| Nose Dive Factor                                  | Filter Off                                  |      |
| Brake Smoothing Threshold                         | Filter Off                                  |      |
| Brake Smoothing Duration                          | Filter Off                                  |      |
| Nose Dive Threshold                               | Filter Off                                  |      |
| Maximum Longitudinal Change                       | Filter Off                                  |      |
| Acceleration Threshold                            | Filter Off                                  |      |
| Steering Smoothing Factor                         | Filter Off                                  |      |
| Steering Smoothing Duration                       | Filter Off                                  |      |
| Interior Lighting Day Threshold                   | 4.27498                                     | Volt |
| VTA Hood Ajar Monitoring                          | Not Set                                     |      |
| ASBM Minimum Voltage Time                         | 2 seconds                                   |      |
| Horn Chirp Duration                               | Short                                       |      |
| Interior Lighting Night Threshold                 | 4.45147                                     | Volt |
| ASBM Battery Minimum Voltage                      | 10.0 Volts                                  |      |
| Air Suspension Functionality                      | NOT AVAILABLE                               |      |
| Traffic Sign Information Feature Present          | Not Present                                 |      |
| AGS Feature Present                               | Not Present                                 |      |
| Transmission Equipped                             | Automatic transmission / AUTOMATIC          |      |
| Glovebox Control Present                          | Not Present                                 |      |
| Glare Free Present                                | Not Present                                 |      |
| Suspension Type                                   | SNA                                         |      |
| TSBM LIN Slave Present                            | Not Present                                 |      |
| ECU Controlling PAD Lamp                          | Cluster                                     |      |
| Park Brake Type                                   | Mechanical park brake - hand or foot / MECH |      |
| TPMS Configuration                                | Logic 1 NHTSA Enable Warning                |      |
| Identify Kind of Hybrid Vehicle                   | None                                        |      |
| ADR feature Present                               | Not Present                                 |      |
| Sunroof Present                                   | Not Present                                 |      |

|                                                    |                                             |      |
|----------------------------------------------------|---------------------------------------------|------|
| Smart Alternator Present                           | Not Present                                 |      |
| TeenKey Feature Present                            | Not Set                                     |      |
| Axle Locker Configuration                          | No Axle Locker / NONE                       |      |
| Temperature Display Resolution                     | Present                                     |      |
| Motor on Caliper Type                              | MOC Not Present                             |      |
| PTC Present                                        | Present                                     |      |
| Brake Type                                         | SNA                                         |      |
| Vehicle Package Content                            | Increasing 0 KPH                            |      |
| Park assist customer settings menu                 | Feature 1 - 2 Option / Feature 1 - 2 Option |      |
| Fuel Saver Settings Menu                           | Not Set                                     |      |
| LDW On/Off Customer Setting Menu                   | Not Set                                     |      |
| Temperature Unit Settings Menu                     | Set                                         |      |
| Park Assist Type                                   | Not Set                                     |      |
| FCW Switch Customer Setting Menu                   | Not Set                                     |      |
| Passenger Airbag On/Off Customer Settings Menu     | Not Set                                     |      |
| EPB On/Off Customer Settings Menu                  | Not Set                                     |      |
| Rear Defrost and Heated Mirrors Present            | Both                                        |      |
| Radio Speaker Open Circuit Disable (RR)            | Not Set                                     |      |
| ANC Calibration Parameter Data Set                 | DJ_D2_6.7L_68RFE_Mega_Alpine_Premium_ILAMP  |      |
| Radio Speaker Open Circuit Disable (LR)            | Not Set                                     |      |
| Tri-State Comfort Climate Softkey Function Present | Set                                         |      |
| Drive Mode Version                                 | Version 1                                   |      |
| Surround View Camera On/Off Softkey Present        | Not Set                                     |      |
| Radio Speaker Open Circuit Disable (LF)            | Not Set                                     |      |
| Show Phone Information in Cluster                  | Set                                         |      |
| Radio Speaker Open Circuit Disable (RF)            | Not Set                                     |      |
| Auto Dimming Mirror Hard Button Present            | Not Set                                     |      |
| Trailer Hitch Camera Present                       | Set                                         |      |
| Park Assist Tuning Set                             | Summit                                      |      |
| Trailer Length Blind Spot Enable/Disable           | Not Set                                     |      |
| Tire Fill Alert Enable/Disable                     | Set                                         |      |
| Power Side Step Enable/Disable                     | Not Set                                     |      |
| Left Rear Corner Voltage                           | 13.2 Volts                                  |      |
| Left High Beam Voltage Regulation                  | 13.6 Volts                                  |      |
| Left Front Corner Voltage                          | 13 Volts                                    |      |
| Right Rear Corner Voltage                          | 13.2 Volts                                  |      |
| Right Front Corner Voltage                         | 13 Volts                                    |      |
| Auto Headlamp On Threshold                         | 3.31409                                     | Volt |
| Right High Beam Voltage Regulation                 | 13.6 Volts                                  |      |
| Left Low Beam Voltage Regulation                   | 13.8 Volts                                  |      |
| Signature Light Present                            | Present                                     |      |
| Auto Headlamp Off Threshold                        | 2.54930                                     | Volt |
| Right Low Beam Voltage Regulation                  | 13.8 Volts                                  |      |
| Auto Unlock                                        | Set                                         |      |

|                                |                          |         |
|--------------------------------|--------------------------|---------|
| Auto Highbeam                  | Not Set                  |         |
| Auto Wipers                    | Not Set                  |         |
| Static Gridlines Enabled       | Not Set                  |         |
| Auto Lock                      | Set                      |         |
| Daytime Running Lamps          | Set                      |         |
| Sound Horn on Remote Start     | Set                      |         |
| Accessory Delay Time           | 45                       | seconds |
| EC Mirror Auto Dim Enabled     | Set                      |         |
| Auto Relock Enabled            | Set                      |         |
| Dynamic Gridlines Enabled      | Not Set                  |         |
| Sound Horn On Lock Status      | Chirp on 1st press/FIRST |         |
| Sound Horn on Lock             | Set                      |         |
| Remote lowering horn enabled   | Not Set                  |         |
| Remote lowering lights enabled | Not Set                  |         |
| Headlamp Delay Time            | 30                       | seconds |
| Flash Lamps on Lock            | Set                      |         |
| Illuminated Approach Time      | 30                       | seconds |
| ETM                            | Not Set                  |         |
| CRSM                           | Not Set                  |         |
| HSM                            | Set                      |         |
| MSM                            | Not Set                  |         |
| Radio                          | Set                      |         |
| AMP                            | Set                      |         |
| ICS                            | Set                      |         |
| DCSD                           | Not Set                  |         |
| CVPM                           | Not Set                  |         |
| ANC                            | Not Set                  |         |
| ITM                            | Not Set                  |         |
| HVAC                           | Set                      |         |
| VTM                            | Not Set                  |         |
| HVAC R                         | Not Set                  |         |
| PDM                            | Set                      |         |
| BCM (Interior Bus)             | Set                      |         |
| VES2                           | Not Set                  |         |
| PSSM                           | Not Set                  |         |
| VES3                           | Not Set                  |         |
| ABS                            | Set                      |         |
| PCM                            | Set                      |         |
| HCP                            | Not Set                  |         |
| EPS                            | Not Set                  |         |
| ELSD                           | Not Set                  |         |
| ATMM                           | Not Set                  |         |
| AFLS                           | Not Set                  |         |
| DTCM                           | Set                      |         |

|                                                          |               |         |
|----------------------------------------------------------|---------------|---------|
| OCM                                                      | Not Set       |         |
| VSIM                                                     | Not Set       |         |
| ACC                                                      | Not Set       |         |
| CBC PT                                                   | Set           |         |
| TCM                                                      | Not Set       |         |
| SCCM                                                     | Set           |         |
| RFH                                                      | Set           |         |
| FDCM                                                     | Not Set       |         |
| ASCM                                                     | Not Set       |         |
| FFCM                                                     | Not Set       |         |
| ITBM                                                     | Set           |         |
| PTS                                                      | Set           |         |
| IPC                                                      | Set           |         |
| SGW                                                      | Set           |         |
| ANC                                                      | Set           |         |
| ESM                                                      | Not Set       |         |
| TPM                                                      | Not Set       |         |
| ORC                                                      | Set           |         |
| AHLM/AFLS                                                | Not Set       |         |
| Fobik Safe Alert on Search Timeout                       | Set           |         |
| CRVMM Present                                            | Set           |         |
| RCM Present                                              | Not Set       |         |
| VTA System Present                                       | VTA           |         |
| Compass Mounting Orientation                             | Upside Down   |         |
| Illuminated Approach Headlamp Target Percentage          | 125 (62.5%)   |         |
| ASBM Present                                             | Not Set       |         |
| T-Case Switch Module Present                             | Set           |         |
| Auto Relock Time                                         | 60            | seconds |
| Illuminated Approach Interior Lighting Target Percentage | 100 (50%)     |         |
| Illuminated Approach Interior Lighting Ramp Up Time      | 130 (2600 ms) |         |
| Illuminated Approach Taillamp Target Percentage          | 125 (62.5%)   |         |
| Fobik Safe Alert No Reply                                | Set           |         |
| Snow Plow Enable                                         | Set           |         |
| Fobik Safe Alert on System Fault                         | Set           |         |
| Fobik Safe Alert Counter                                 | 2             |         |
| IBS Present                                              | Set           |         |
| Washer Fluid Level Voltage Threshold                     | 4.46 volts    |         |
| Compass Mounting Angle                                   | 0             | Degree  |
| Humidity Rain Light Sensor Present                       | Set           |         |
| Panic Enable                                             | Set           |         |
| Ultrasonics                                              | Not Set       |         |
| Tilt                                                     | Not Set       |         |
| Siren                                                    | Not Set       |         |
| Integrated EPP Present                                   | Not Set       |         |

|                                                    |                            |         |
|----------------------------------------------------|----------------------------|---------|
| ODS Present                                        | Set                        |         |
| BUX Market                                         | Not Set                    |         |
| RLS Windshield 880nm Transmission                  | 04                         |         |
| RLS Windshield 550nm Transmission                  | 0B                         |         |
| Heated Mirrors Present                             | Present                    |         |
| Engine Displacement                                | Signal Not Available / SNA |         |
| Rear Defrost Presence                              | Present                    |         |
| Backup Reverse Lamp Left Present - Pin F41         | Set                        |         |
| Heatsoak Flush Time                                | 105                        | Time    |
| Sunroof Vehicle Speed Output Present - Pin F48     | Not Set                    |         |
| Right Rear Turn Lamp Diagnostics Present - Pin F31 | Set                        |         |
| Heatsoak Speed                                     | 15                         | MPH     |
| Right Front Lamp Diagnostics Present - Pin F28     | Not Set                    |         |
| Ambient Stable Counter Limit                       | 40                         | Counter |
| Stop/Turn Lamp or Stop Lamp Present Pin E2 & F40   | Stop Lamp                  |         |
| Brake Fluid Level Switch Signal Present - Pin D21  | 10K parallel resistor      |         |
| Engine Off Clear Time                              | 180                        | Time    |
| Max Engine Off Time                                | 220                        | Time    |
| Backup Reverse Lamp Right Present - Pin E1         | Set                        |         |
| Left Front Lamp Diagnostics Present - Pin F25      | Not Set                    |         |
| Left Rear Turn Lamp Diagnostics Present - Pin F27  | Set                        |         |
| Heatsoak Set Time                                  | 10                         | Time    |
| Rear View Camera Static Grid Lines Enabled         | Not Set                    |         |

## RADIO CONFIGURATION

| NAME                                          | VALUE        | UNITS |
|-----------------------------------------------|--------------|-------|
| Cabin EQ Major/Minor Version                  | 04 00        |       |
| Satellite Subscription Suspend Day            | FF           |       |
| Satellite Subscription Reason Code            | 00           |       |
| Satellite Subscription Suspend Month          | FF           |       |
| Satellite Subscription ID                     | 6JB07DH6     |       |
| Satellite Subscription Status                 | Subscribed   |       |
| Satellite Subscription Suspend Year           | FF           |       |
| NAV Activation Request Code                   | —            |       |
| Anti-Theft Enable Status                      | On           |       |
| 12/24 Time Selection                          | 12 Hour Time |       |
| Cabin EQ Curve Number Currently Used by Radio | 59           |       |
| Clock Defeat                                  | On           |       |
| Front Seat Video Playback                     | Enabled      |       |
| Automated Loudness                            | On           |       |
| Market Selection Configuration                | 02           |       |
| Application Framework                         | False        |       |
| SDARS                                         | True         |       |
| Bluetooth                                     | True         |       |

|                    |       |  |
|--------------------|-------|--|
| FM Diversity       | False |  |
| Navigation Active  | False |  |
| Wi-Fi              | False |  |
| Cellular           | False |  |
| Internal CD Player | False |  |
| Splash Screen      | Ram   |  |



## FREEZE FRAME REPORT

**Vehicle** 2019 RAM 2500 PICKUP 6.7L I6 CUMMINS TURBO DIESEL ENGINE  
**VIN** 3C6UR5ML [REDACTED]

**Odometer** 5656.4 miles  
**Publication Date** Mar 16, 2021, 2:53:53 PM

## FREEZE FRAME DATA

### Freeze Frame #1

**CODE:** P203E | **ECU:** PCM

| NAME                                                           | VALUE                        | UNITS   |
|----------------------------------------------------------------|------------------------------|---------|
| EGR Valve Position                                             | 13.13                        | %       |
| AFT Intake O2                                                  | 9.85938                      | %       |
| Exhaust Gas Temperature Sensor 2 (Cat Outlet Temp)             | 631.06                       | °F      |
| Water In Fuel Sensor Voltage                                   | 3.13                         | V       |
| Battery Voltage                                                | 14.06                        | V       |
| Water In Fuel State                                            | NO WATER DETECTED            |         |
| Exhaust Gas Temperature Sensor 5 (SCR Cat Outlet Temp)         | 559.97656                    | °F      |
| Calibration Type                                               | 52                           | No Unit |
| Catalyst Soot Filter Delta Pressure                            | 0.349                        | PSI     |
| Fueling Control State                                          | FUELING CRUISE CONTROL STATE |         |
| Exhaust Gas Temperature Sensor 3 (Cat Soot Filter Outlet Temp) | 609.24                       | °F      |
| Intake Manifold Temperature                                    | 113.13                       | °F      |
| Fuel Rail Pressure Commanded                                   | 18095.27                     | PSI     |
| Calibration Model Year                                         | 19                           | No Unit |
| EGR Orifice Temperature                                        | 492.012                      | °F      |
| EGR Cooler Bypass Valve Actuator Position                      | 16.22                        | %       |
| VGT Actuator Position                                          | 73.094                       | %       |
| AFT DEF Dosing Rate                                            | 624.25781                    | g/hr    |
| PT Operating Mode                                              | Normal                       |         |
| Water In Fuel Total Time                                       | 0                            | sec     |
| Instantaneous Percent Load                                     | 33.98                        | %       |
| Ambient Air Pressure                                           | 13.75                        | PSI     |
| VGT Actuator Position Commanded                                | 73.25                        | %       |
| Ambient Air Temperature                                        | 41.67                        | °F      |
| AFT Diesel Exhaust Fluid Quality Sensor                        | 33.75000                     | %       |
| Commanded Accelerator Position                                 | 0.00                         | %       |
| Road Speed                                                     | 71.19                        | MPH     |
| Calibration Phase                                              | 9                            | No Unit |

|                                                        |                  |         |
|--------------------------------------------------------|------------------|---------|
| Coolant Temperature                                    | 191.27           | °F      |
| SCR Pump State                                         | SCR DOSER DOSING |         |
| Calibration Version                                    | 2                | No Unit |
| Key Switch                                             | On               |         |
| ECM Run Time                                           | 2086967.25       | S       |
| Turbocharger Speed                                     | 53.98            | KRPM    |
| Vehicle Distance                                       | 5630.12          | miles   |
| DEF (Reductant) Tank Temperature                       | 55.00625         | °F      |
| AFT Outlet NOx                                         | 6.09375          | ppm     |
| Exhaust Pressure 2                                     | 000028B8         | in Hg   |
| Boost Pressure                                         | 6.01             | PSI     |
| Mass Air Flow                                          | 14.115           | LB/Min  |
| Fuel Rail Pressure                                     | 17787.07         | PSI     |
| PCode                                                  | 20 3E            |         |
| AFT Combined Soot Load Estimate                        | 1.25781          | g/l     |
| Engine Speed                                           | 1685.63          | rpm     |
| Exhaust Gas Temperature Sensor 4 (SCR Cat Midbed Temp) | 564.95469        | °F      |
| After Treatment Ammonia Sensor                         | 0.00000          | ppm     |
| Exhaust Gas Temperature Sensor 1 (Cat Inlet Temp)      | 640.63           | °F      |
| Intake Air Throttle Position                           | 90.10            | %       |
| AFT Intake NOx                                         | 444.87500        | ppm     |

No Freeze Frame #2 data available

No Freeze Frame #3 data available

No Freeze Frame #4 data available

No Freeze Frame #5 data available

No Freeze Frame #6 data available

No Freeze Frame #7 data available

No Freeze Frame #8 data available





## VEHICLE SCAN REPORT

**Vehicle** 2019 RAM 2500 PICKUP 6.7L I6 CUMMINS TURBO DIESEL ENGINE  
**VIN** 3C6UR5ML3 [REDACTED]

**Odometer** 5656.2 miles  
**Publication Date** Mar 16, 2021, 10:42:50 AM

## ECU SUMMARY INFO

| ECU   | NAME                            | BUS TYPE | FLASH PART # | CURRENT | [REDACTED] | ORIGINAL V | PART #     |
|-------|---------------------------------|----------|--------------|---------|------------|------------|------------|
| PCM   | Powertrain Control Module       | CAN-C    | 52370931AL   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 52370931AL |
| ICS   | Integrated Center Stack         | CAN-I    | 68370127AB   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68370127AB |
| RFH   | Radio Frequency Hub             | CAN-C    | 68365298AH   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68365298AH |
| ABS   | Anti Lock Brakes                | CAN-C    | 68334977AG   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68334977AG |
| DTCM  | Drive Train Control Module      | CAN-C    | 68250127AB   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68250127AB |
| ORC   | Occupant Restraint              | CAN-C    | 68399790AE   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68399790AE |
| HVAC  | Heat, Ventilation and A/C       | CAN-I    | 68367350AF   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68367350AF |
| DDM   | Driver Door Module              | CAN-I    | 68374091AE   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68374091AE |
| PDM   | Passenger Door Module           | CAN-I    | 68374090AE   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68374090AE |
| CSWM  | Comfort Seat Wheel Module       | CAN-I    | 68388904AB   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68388904AB |
| AMP   | Amplifier                       | CAN-I    | 68381738AD   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68381738AD |
| IPC   | Instrument Panel Cluster        | CAN-C    | 68361598AH   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68361598AH |
| PTS   | Parktronics                     | CAN-C    | 68366715AF   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68366715AF |
| SCCM  | Steering Column Control Module  | CAN-C    | 68425689AA   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68425689AA |
| BCM   | Body Controller                 | CAN-C    | 68372340AF   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68372337AF |
| DCU   | Dosing Control Unit             | CAN-C    | 68353830AC   | —       | [REDACTED] | —          | 68353830AC |
| RADIO | Radio                           | CAN-I    | 68399198AF   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68399198AF |
| ITBM  | Integrated Trailer Brake Module | CAN-C    | 68413389AC   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68413389AC |
| LBSS  | Left Blind Spot Sensor          | CAN-I    | 68358104AE   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68358104AE |
| RBSS  | Right Blind Spot Sensor         | CAN-I    | 68358104AE   | 3C6UR5M | [REDACTED] | 3C6UR5ML3  | 68358104AE |
| VGT   | Variable Geometry Turbo         | CAN-C    | 68213171AE   |         | [REDACTED] |            | 68213171AE |

|     |                         |       |            |  |                   |            |
|-----|-------------------------|-------|------------|--|-------------------|------------|
| SGW | Security Gateway Module | CAN-C | 68416597AB |  | 3C6UR5ML3KG624714 | 68416597AB |
|-----|-------------------------|-------|------------|--|-------------------|------------|

## ECU SUMMARY INFO (CONT...)

| ECU   | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT | CVNS                                                                             |
|-------|--------------|------------------|------------------|-------|----------------------------------------------------------------------------------|
| PCM   | USA          | 12 04 00         | 10 01 00         | 1900  | 2AEC4040<br>138973A8<br>C9F94B8C<br>246C153C<br>1166CE8F<br>A90FBFD2<br>03A23973 |
| ICS   | USA          | 13 07 00         | 13 07 00         | 4903  |                                                                                  |
| RFH   | USA          | 11 22 01         | 13 09 01         | 4111  |                                                                                  |
| ABS   | USA          | 11 26 00         | 13 04 01         | 4700  |                                                                                  |
| DTCM  | USA          | 10 11            | 05 01 09         | 4002  |                                                                                  |
| ORC   | USA          | 0C 25 02         | 12 2A 00         | 4220  |                                                                                  |
| HVAC  | USA          | 12 22 04         | 13 14 01         | 4502  |                                                                                  |
| DDM   | USA          | 12 32 00         | 13 03 00         | 4202  |                                                                                  |
| PDM   | USA          | 12 32 00         | 13 03 00         | 4202  |                                                                                  |
| CSWM  | USA          | 10 2B 00         | 12 16 00         | 4202  |                                                                                  |
| AMP   | USA          | 18 2E 01         | 12 29 00         | 4030  |                                                                                  |
| IPC   | USA          | 19 28 06         | 13 0F 00         | 4904  |                                                                                  |
| PTS   | USA          | 10 32 01         | 13 08 01         | 4401  |                                                                                  |
| SCCM  | USA          | 0A 2E 04         | 0B 26 00         | 4101  |                                                                                  |
| BCM   | USA          | 0D 11 00         | 13 11 70         | 4330  |                                                                                  |
| DCU   | —            | 0C 18 00         | 0E 21 00         | 0200  |                                                                                  |
| RADIO | USA          | 13 1D 00         | 12 30 22         | 8240  |                                                                                  |
| ITBM  | USA          | 10 0E 03         | 12 1F 30         | 4000  |                                                                                  |
| LBSS  | USA          | 12 07 00         | 12 19 02         | 4000  |                                                                                  |
| RBSS  | USA          | 12 07 00         | 12 19 02         | 4000  |                                                                                  |
| VGT   |              | 0D 2B 00         | 11 0A 00         | 0100  |                                                                                  |
| SGW   |              | 5                | 716              | 4103  |                                                                                  |

## DTC SUMMARY

| ECU | DTC CODE | DTC DESCRIPTION                                        | STATUS |
|-----|----------|--------------------------------------------------------|--------|
| PCM | P203E-00 | Reductant Level Sensor 1 Circuit Intermittent/Erratic- | Active |

## ENVIRONMENTAL DATA SUMMARY

**PCM | P203E-00 | Active | Reductant Level Sensor 1 Circuit Intermittent/Erratic-**

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| Test Failed                             | True     |       |
| Test Not Completed This Operation Cycle | True     |       |
| DTC Extended Data Record Number - All   | 01       |       |
| Test Not Completed Since Last Clear     | False    |       |
| DTC                                     | 20 3E 00 |       |

|                                  |       |       |
|----------------------------------|-------|-------|
| Occurrence flag                  | ERROR |       |
| Warning Indicator Requested      | False |       |
| Test Failed This Operation Cycle | False |       |
| Test Failed Since Last Clear     | True  |       |
| Pending DTC                      | True  |       |
| Confirmed DTC                    | False |       |
| Most Recent Odometer Value       | 5627  | miles |
| Ignition Cycle Counter           | 3     |       |
| Frequency Counter                | 1     |       |
| Original Odometer Value          | 5627  | miles |

## SNAPSHOT DATA SUMMARY

No Snapshot Data available for P203E-00