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## VEHICLE SCAN REPORT

**Vehicle** 2022 CHRYSLER PACIFICA/VOYAGER 3.6L V6 HYBRID ENGINE  
**VIN** [REDACTED]

**Odometer** 808.2 miles  
**Publication Date** Jun 30, 2022, 11:11:57 AM

## ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | CURRENT VIN | ORIGINAL VIN | PART #     |
|-------|--------------------------------|----------|--------------|-------------|--------------|------------|
| PCM   | Powertrain Control Module      | CAN-C    | 68526772AD   | [REDACTED]  | [REDACTED]   | 68526772AD |
| PLGM  | Power Liftgate                 | CAN-I    | 68466171AI   |             |              | 68466171AI |
| ICS   | Integrated Center Stack        | CAN-I    | 7AS341X8AA   |             |              | 7AS341X8AA |
| RFH   | Radio Frequency Hub            | CAN-C    | 68592117AA   |             |              | 68592117AA |
| ESM   | Electronic Shifter             | CAN-C    | 68240089AN   |             |              | 68240089AN |
| ORC   | Occupant Restraint             | CAN-C    | 68526665AB   |             |              | 68526665AB |
| EPS   | Electric Power Steering        | CAN-C    | 68525339AA   |             |              | 68525339AA |
| HVAC  | Heat, Ventilation and A/C      | CAN-I    | 52080480AB   |             |              | 52080480AB |
| DDM   | Driver Door Module             | CAN-I    | 68569329AA   |             |              | 68569329AA |
| PDM   | Passenger Door Module          | CAN-I    | 68569328AA   |             |              | 68569328AA |
| DMRL  | Door Module Rear Left          | CAN-I    | 68508894AB   |             |              | 68508894AB |
| DMRR  | Door Module Rear Right         | CAN-I    | 68508894AB   |             |              | 68508894AB |
| PSDML | Power Sliding Doors (Left)     | CAN-I    | 68369596AE   |             |              | 68369596AE |
| PSDMR | Power Sliding Doors (Right)    | CAN-I    | 68369596AE   |             |              | 68369596AE |
| MSM   | Memory Seat Module             | CAN-I    | 68321862AD   |             |              | 68321862AD |
| CSWM  | Comfort Seat Wheel Module      | CAN-I    | 68530192AB   |             |              | 68530192AB |
| AMP   | Amplifier                      | CAN-I    | 68547722AC   |             |              | 68547722AC |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68529064AB   |             |              | 68529064AB |
| PTS   | Parktronics                    | CAN-C    | 68485862AB   |             |              | 68485862AB |
| SCCM  | Steering Column Control Module | CAN-C    | 68531525AA   |             |              | 68531525AA |
| BCM   | Body Controller                | CAN-C    | 68529663AD   |             |              | 68529663AD |

|       |                                    |       |            |  |            |
|-------|------------------------------------|-------|------------|--|------------|
| ACC   | Adaptive Cruise Control            | CAN-C | 68540436AC |  | 68540436AC |
| RADIO | Radio                              | CAN-I | 68526170AD |  | 68526170AD |
| OCM   | Occupant Classification            | CAN-C | 68403127AA |  | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB |  | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AC |  | 04672786AC |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AC |  | 04672786AC |
| FFCM  | Forward Facing Camera Module       | CAN-C | 68551091AA |  | 68551091AA |
| BPCM  | Battery Pack Control Module        | CAN-C | 05193186AB |  | 05193186AB |
| HCP   | Hybrid Control Processor           | CAN-C | 68540977AH |  | 68540977AH |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AD |  | 68321862AD |
| DSM   | Display Screen Module              | CAN-I | 68437339AG |  | 68437339AG |
| VRM   | Video Routing Module               | CAN-I | 68494731AG |  | 68494731AG |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 6WL30PD2AA |  | 6WL30PD2AA |
| CVPM  | Central vision processing module   | CAN-I | 56029958AB |  | 56029958AB |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG |  | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 68540978AH |  | 68540978AH |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68461813AB |  | 68461813AB |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68471122AD |  | 68471122AD |
| SGW   | Security Gateway Module            | CAN-C | 68525871AB |  | 68525871AB |
| IDCM  | Integrated Dual Charge Module      | CAN-C | 05185094AF |  | 05185094AF |
| TBM2  | Telematic Box Module 2             | CAN-C | 68444865AH |  | 68444865AH |

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

| ECU  | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT        | CVNS |
|------|--------------|------------------|------------------|--------------|------|
| PCM  | USA          | 1B 47            | 78 02 00         | 4422         |      |
| PLGM | USA          | 0                | 5084             | 000200000034 |      |
| ICS  | USA          | 0F 0C 00         | 13 31 01         | 4700         |      |
| RFH  | USA / USA    | 10 17 00         | 15 22 00         | 4A00         |      |
| ESM  | USA / USA    | 13 02 00         | 14 23 FF         | 4402         |      |
| ORC  | USA / USA    | 14 06 00         | 14 12 00         | 4301         |      |
| EPS  | USA / USA    | 14 10 00         | 12 1E 01         | 4502         |      |

|       |                              |          |          |              |  |
|-------|------------------------------|----------|----------|--------------|--|
| HVAC  | USA                          | 0E 09 00 | 15 08 01 | 4401         |  |
| DDM   | USA                          | 11 07 00 | 14 2A 00 | 4202         |  |
| PDM   | USA                          | 11 07 00 | 14 2A 00 | 4202         |  |
| DMRL  | USA / USA                    | 10 0B 00 | 14 08 00 | 4201         |  |
| DMRR  | USA / USA                    | 10 0B 00 | 14 08 00 | 4201         |  |
| PSDML | USA / USA                    | 10 17 00 | 14 32 13 | 4001         |  |
| PSDMR | USA / USA                    | 10 17 00 | 14 32 13 | 4001         |  |
| MSM   | USA                          | 0F 2B 00 | 15 21 00 | 4101         |  |
| CSWM  | USA                          | 11 2A 00 | 14 27 00 | 4320         |  |
| AMP   | USA                          | 0F 06 01 | 15 31 02 | 4021         |  |
| IPC   | USA / USA                    | 12 06 00 | 15 01 00 | 4705         |  |
| PTS   | USA                          | 0E 32 00 | 15 05 00 | 4311         |  |
| SCCM  | USA                          | 13 28 00 | 13 29 00 | 4301         |  |
| BCM   | USA                          | 0D 11 00 | 15 20 90 | 4420         |  |
| ACC   | USA / USA                    | 15 21 01 | 15 23 02 | 4400         |  |
| RADIO |                              | 65       | 8629     | 000200000008 |  |
| OCM   | USA / USA                    | 11 1F 01 | 0E 2F 02 | 4030         |  |
| HVACR | USA                          | 0E 09 00 | 10 03 02 | 4301         |  |
| LBSS  | USA / USA                    | 11 30 02 | 15 08 00 | 4202         |  |
| RBSS  | USA / USA                    | 11 30 02 | 15 08 00 | 4202         |  |
| FFCM  | USA / USA                    | 11 06 00 | 15 0C 00 | 4102         |  |
| BPCM  | Not programmed / COUNTRY_SNA | 0E 03 00 | 15 19 00 | 4005         |  |
| HCP   | USA                          | 11 1F 04 | 0F 2D 00 | 4006         |  |
| MSMP  | USA                          | 0F 2B 00 | 15 21 00 | 4001         |  |
| DSM   | USA / USA                    | 14 0C 00 | 15 2D 00 | 4300         |  |
| VRM   |                              | 2        | 8224     | 000200000002 |  |
| RCCC  | USA                          | 0F 1D 00 | 13 04 00 | 4000         |  |
| CVPM  | USA / USA                    | 11 27 01 | 14 2A 00 | 4004         |  |
| EAC   | USA                          | 0E 34 00 | 12 0F 00 | 4102         |  |
| AHCP  | USA                          | 11 1F 04 | 0F 2D 00 | 4000         |  |
| EBBM  | USA                          | 0E 19 02 | 14 0D 18 | 4000         |  |
| ABSO  | USA                          | 0E 15 02 | 14 1B 26 | 4201         |  |
| SGW   |                              | 6        | 1137     | 4103         |  |
| IDCM  | USA                          | 14 2C 00 | 15 31 00 | 4000         |  |
| TBM2  | USA                          | 13 0E 02 | 14 2A 5F | 4104         |  |

## DTC SUMMARY

| ECU | DTC CODE | DTC DESCRIPTION                                         | STATUS |
|-----|----------|---------------------------------------------------------|--------|
| PCM | B2101    | Ignition Run/Start Input Circuit Low                    | Stored |
| RFH | U0100-00 | Lost Communication With ECM/PCM "A"-                    | Stored |
| ORC | B212C-13 | Ignition Run/Start Input-Circuit Open                   | Stored |
| ORC | U0154-00 | Lost Communication With Occupant Classification Module- | Stored |
| EPS | U0100-00 | Lost Communication With ECM/PCM "A"-                    | Stored |

|      |          |                                                                                      |        |
|------|----------|--------------------------------------------------------------------------------------|--------|
| EPS  | U0159-00 | Lost Communication With Parking Assist Control Module-                               | Stored |
| EPS  | U1215-00 | Lost Communication with Forward Facing Camera-                                       | Stored |
| HVAC | U0422-00 | Implausible Data Received From Body Control Module-                                  | Stored |
| IPC  | U0100-00 | Lost Communication With ECM/PCM "A"-                                                 | Stored |
| IPC  | U0159-00 | Lost Communication With Parking Assist Control Module-                               | Stored |
| IPC  | U1215-00 | Lost Communication with Forward Facing Camera-                                       | Stored |
| IPC  | U1216-00 | Lost Communication with Driver Assistance System Module-                             | Stored |
| BCM  | U151A-87 | Hybrid Control Processor Secret Code-Missing Message                                 | Stored |
| BCM  | U1514-87 | Engine Controller Secret Code-Missing Message                                        | Stored |
| BCM  | U1216-00 | Lost Communication with Driver Assistance System Module-                             | Stored |
| BCM  | U0100-00 | Lost Communication With ECM/PCM "A"-                                                 | Stored |
| BCM  | U0159-00 | Lost Communication With Parking Assist Control Module-                               | Stored |
| BCM  | U1215-00 | Lost Communication with Forward Facing Camera-                                       | Stored |
| LBSS | U0140-00 | Lost Communication With Body Control Module-                                         | Stored |
| RBSS | U0140-00 | Lost Communication With Body Control Module-                                         | Stored |
| BPCM | U0151-00 | Lost Communication with Occupant Restraint Controller (ORC)-                         | Stored |
| BPCM | U0100-00 | Lost Communication With ECM/PCM "A"-                                                 | Stored |
| HCP  | U0100-00 | Lost Communication With ECM/PCM "A"-                                                 | Stored |
| HCP  | U0151-00 | Lost Communication with Occupant Restraint Controller (ORC)-                         | Stored |
| HCP  | U1818-00 | Lost Communication With ECM/PCM on D-PT CAN-                                         | Stored |
| HCP  | U1830-00 | Lost Communication with ORC on D-PT-                                                 | Stored |
| DSM  | U0140-00 | Lost Communication With Body Control Module-                                         | Stored |
| EBBM | C211B-00 | Ignition Run/Start Input-                                                            | Stored |
| ABSO | C211B-00 | Ignition Run/Start Input-                                                            | Stored |
| IDCM | U0100-00 |                                                                                      | Stored |
| TBM2 | U0452-64 | Implausible Data Received From Restraints Control Module-Signal Plausibility Failure | Stored |

## ENVIRONMENTAL DATA SUMMARY

### PCM | B2101 | Stored | Ignition Run/Start Input Circuit Low

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | A1 01        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | Off          |         |
| Odometer                              | 811.3        | miles   |
| Accumulation Timer                    | 1            | minutes |
| Ignition Key Cycles                   | 6            |         |
| Starts Since Set Counter              | 5            |         |
| Key Cycles Since DTC Last Set Counter | 6            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

### RFH | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | False |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 8     |       |

#### ORC | B212C-13 | Stored | Ignition Run/Start Input-Circuit Open

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Operation Cycle Counter                 | 5     |       |
| DTC Extended Data Record Number - All   | FF    |       |

#### ORC | U0154-00 | Stored | Lost Communication With Occupant Classification Module-

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |

|                                       |     |       |
|---------------------------------------|-----|-------|
| Original Odometer Value               | 805 | miles |
| Most Recent Odometer Value            | 805 | miles |
| Frequency Counter                     | 1   |       |
| Operation Cycle Counter               | 6   |       |
| DTC Extended Data Record Number - All | FF  |       |

#### EPS | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

| NAME                                                                                             | VALUE    | UNITS  |
|--------------------------------------------------------------------------------------------------|----------|--------|
| DTC                                                                                              | C1 00 00 |        |
| Test Failed                                                                                      | False    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 805      | miles  |
| Most Recent Odometer Value                                                                       | 805      | miles  |
| Frequency Counter                                                                                | 7        |        |
| Ignition Cycle Counter                                                                           | 7        |        |
| Supplier Internal Fault Code                                                                     | 01 29 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 0.000    | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -29.31   | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.00    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 12.16    | V      |
| EPS Steering Wheel Torque                                                                        | -0.0691  | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 141.0    | °F     |
| CAN Battery Voltage                                                                              | 12.2     | Volts  |

#### EPS | U0159-00 | Stored | Lost Communication With Parking Assist Control Module-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 59 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| Occurrence flag                         | ERROR    |       |

|                                                                                                  |          |        |
|--------------------------------------------------------------------------------------------------|----------|--------|
| Original Odometer Value                                                                          | 805      | miles  |
| Most Recent Odometer Value                                                                       | 805      | miles  |
| Frequency Counter                                                                                | 1        |        |
| Ignition Cycle Counter                                                                           | 7        |        |
| Supplier Internal Fault Code                                                                     | 01 99 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 0.451    | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -142.22  | Deg    |
| EPS Steering Wheel Velocity                                                                      | -7.60    | deg/s  |
| EPS System Current Draw                                                                          | 37       | A      |
| EPS Measured Module Voltage                                                                      | 13.68    | V      |
| EPS Steering Wheel Torque                                                                        | 2.3968   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 145.4    | °F     |
| CAN Battery Voltage                                                                              | 14.2     | Volts  |

#### EPS | U1215-00 | Stored | Lost Communication with Forward Facing Camera-

| NAME                                                                                             | VALUE    | UNITS  |
|--------------------------------------------------------------------------------------------------|----------|--------|
| DTC                                                                                              | D2 15 00 |        |
| Test Failed                                                                                      | False    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 805      | miles  |
| Most Recent Odometer Value                                                                       | 805      | miles  |
| Frequency Counter                                                                                | 1        |        |
| Ignition Cycle Counter                                                                           | 7        |        |
| Supplier Internal Fault Code                                                                     | 01 91 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 0.524    | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -105.88  | Deg    |
| EPS Steering Wheel Velocity                                                                      | -5.76    | deg/s  |
| EPS System Current Draw                                                                          | 25       | A      |
| EPS Measured Module Voltage                                                                      | 13.84    | V      |
| EPS Steering Wheel Torque                                                                        | 2.0684   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 145.3    | °F     |
| CAN Battery Voltage                                                                              | 14.2     | Volts  |

#### HVAC | U0422-00 | Stored | Implausible Data Received From Body Control Module-

| NAME                             | VALUE | UNITS |
|----------------------------------|-------|-------|
| Test Failed                      | False |       |
| Test Failed This Operation Cycle | False |       |

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 8     |       |

#### IPC | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | FF         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 805        | miles |
| Most Recent Odometer Value              | 805        | miles |
| Frequency Counter                       | 1          |       |
| Ignition Cycle Counter                  | 6          |       |

#### IPC | U0159-00 | Stored | Lost Communication With Parking Assist Control Module-

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | FF    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |

Ignition Cycle Counter

6

**IPC | U1215-00 | Stored | Lost Communication with Forward Facing Camera-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | FF    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 6     |       |

**IPC | U1216-00 | Stored | Lost Communication with Driver Assistance System Module-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | FF    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 6     |       |

**BCM | U151A-87 | Stored | Hybrid Control Processor Secret Code-Missing Message**

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

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 7     |       |

#### BCM | U1514-87 | Stored | Engine Controller Secret Code-Missing Message

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 7     |       |

#### BCM | U1216-00 | Stored | Lost Communication with Driver Assistance System Module-

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 7     |       |

#### BCM | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 8     |       |

**BCM | U0159-00 | Stored | Lost Communication With Parking Assist Control Module-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 7     |       |

**BCM | U1215-00 | Stored | Lost Communication with Forward Facing Camera-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |

|                            |       |       |
|----------------------------|-------|-------|
| Occurrence flag            | ERROR |       |
| Original Odometer Value    | 805   | miles |
| Most Recent Odometer Value | 805   | miles |
| Frequency Counter          | 1     |       |
| Ignition Cycle Counter     | 7     |       |

**LBSS | U0140-00 | Stored | Lost Communication With Body Control Module-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 01         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 775        | miles |
| Most Recent Odometer Value              | 805        | miles |
| Frequency Counter                       | 59         |       |
| Operation Cycle Counter                 | 6          |       |

**RBSS | U0140-00 | Stored | Lost Communication With Body Control Module-**

| NAME                                        | VALUE      | UNITS |
|---------------------------------------------|------------|-------|
| DTC                                         | C1 40 00   |       |
| Test Failed                                 | False      |       |
| Test Failed This Operation Cycle            | False      |       |
| Pending DTC                                 | False      |       |
| Confirmed DTC                               | True       |       |
| Test Not Completed Since Last Clear         | False      |       |
| Test Failed Since Last Clear                | True       |       |
| Test Not Completed This Operation Cycle     | False      |       |
| Warning Indicator Requested                 | False      |       |
| DTC Extended Data Record Number - All       | 01         |       |
| Occurrence flag                             | Occurrence |       |
| Original Odometer Value                     | 775        | miles |
| Most Recent Odometer Value                  | 805        | miles |
| Frequency Counter                           | 59         |       |
| Operation Cycle Counter                     | 6          |       |
| DTC Extended Data Record Number - Record #2 | 02         |       |
| Vehicle Line                                | Correct    |       |
| Vehicle Config Stat                         | OK         |       |
| Model Year                                  | Correct    |       |

|                            |         |  |
|----------------------------|---------|--|
| Country Code               | Correct |  |
| BSS Desired Operating Mode | Init    |  |
| BSS Current Operating Mode | BSM     |  |

**BPCM | U0151-00 | Stored | Lost Communication with Occupant Restraint Controller (ORC)-**

| NAME                                                           | VALUE                  | UNITS   |
|----------------------------------------------------------------|------------------------|---------|
| Frequency Counter                                              | 2                      |         |
| Ignition Cycle Counter                                         | 2                      |         |
| FoM - for this DTC (lifetime fails)                            | 8                      | events  |
| FoM - for this DTC (lifetime fails counts on pass)             | 0.0000                 | seconds |
| FoM - for this DTC (lifetime longest fail on pass)             | 0.000                  | seconds |
| Battery Total Time Awake                                       | 7260467                | seconds |
| Key in Ignition                                                | Key_Def                |         |
| Key Position                                                   | Ign_ Start             |         |
| EPT -WakeUp                                                    | Sourced                |         |
| HCP Contactor Command                                          | Closed                 |         |
| Qualified Contactor Command - QCC                              | Closed                 |         |
| Verified Contactor Command - VCC                               | Closed Restricted      |         |
| Contactor Status                                               | Closed                 |         |
| Plug in Status                                                 | Not plugged in         |         |
| ChargingLevel                                                  | Plug in, but no charge |         |
| Balance Mode                                                   | False                  |         |
| Battery in Periodic wake up (Just battery ) at time of Fault   | False                  |         |
| Battery in Periodic wake up (Wake up vehicle) at time of Fault | False                  |         |
| Vehicle mileage at time of fault (ODO signal in \$3D2)         | 807.94                 | miles   |
| Battery Lifetime Miles                                         | 667AC4                 | miles   |
| Vehicle Speed                                                  | 0.0                    | MPH     |
| System (12) Volts at time of fault                             | 12.400                 | Volts   |
| Battery Lifetime AmpHrs of Charge                              | 576.5                  | AHr     |
| Battery Lifetime AmpHrs of DisCharge                           | 562.7                  | AHr     |
| SOC at time of Fault                                           | 58.4                   | %       |
| Power Up SOC at time of Fault                                  | 74.5                   | %       |
| HVIL Status -Vehicle                                           | PASS                   |         |
| HVIL Status - Battery pack                                     | PASS                   |         |
| HVIL PWM Duty Cycle - Vehicle                                  | 50.2                   | %       |
| HVIL PWM Frequency - Vehicle                                   | 87.9                   | Hz      |
| HVIL PWM peak voltage Sourced - Vehicle                        | 11.219                 | Volts   |
| HVIL PWM peak voltage Sensed - Vehicle                         | 11.173                 | Volts   |
| HVIL Source Voltage- Battery                                   | 1.392                  | Volts   |
| HVIL Returned current - Battery                                | 30.60                  | mA      |
| HV Battery Current Sensor 1 Hall High                          | -0.60                  | Amps    |
| HV Battery Current Sensor 2 Hall Low                           | 0.20                   | Amps    |
| HV Battery Current HVBatCrnt                                   | 0.25                   | Amps    |
| HV Cooling Speed Pump 1 Target                                 | 0                      | rpm     |

|                                                                  |        |         |
|------------------------------------------------------------------|--------|---------|
| HV Cooling Speed pump 1 Speed                                    | 0      | rpm     |
| Charge indicator Temp                                            | 99     | °F      |
| BPCM temperature max                                             | 99     | °F      |
| BPCM temperature min                                             | 97     | °F      |
| Pump - Wire Open\Short to Gnd                                    | PASS   |         |
| Pump - Dry Run Detection                                         | PASS   |         |
| Pump - Overcurrent                                               | PASS   |         |
| Pump - Overtemperature                                           | PASS   |         |
| Pump - Switch Power Shorted                                      | PASS   |         |
| Isolation Circuitry Va                                           | 2.498  | Volts   |
| Isolation Circuitry Vb                                           | 2.452  | Volts   |
| Isolation Circuitry Vd                                           | 0.000  | Volts   |
| WC and Circuitry 2.5V Reference Voltage                          | 2.501  | Volts   |
| WC and Circuitry Vcc Voltage                                     | 5.014  | Volts   |
| WC and CircuitryISO 8V Reference Voltage                         | 7.976  | Volts   |
| WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage | 0.4    | Volts   |
| Cycles left to self heal                                         | 40     | No Unit |
| Fault trigger level 1                                            | False  |         |
| Fault trigger level 2                                            | False  |         |
| Fault trigger level 3                                            | False  |         |
| Fault Path                                                       | 01     |         |
| HV Battery Charge Power 2sec                                     | 98934  | watts   |
| HV Battery Charge Power 10sec                                    | 97407  | watts   |
| HV Battery Discharge Power 2sec                                  | 98919  | watts   |
| HV Battery Discharge Power 10sec                                 | 97059  | watts   |
| HV Battery Power                                                 | 00753A | watts   |
| Key - DriveRdy (CAN)                                             | True   |         |
| Battery Lifetime Number Of Closes                                | 223    |         |
| Battery Full AmpHr Capacity                                      | 49     | AmpHrs  |
| Cell Impedance Max Discharge                                     | 0      | mOhms   |
| Cell Impedance Mim Discharge                                     | 0      | mOhms   |
| Battery Cell Voltage Maximum                                     | 3716   | mV      |
| Battery Cell Voltage Minimum                                     | 3702   | mV      |
| Battery Cell Voltage Average                                     | 3707   | mV      |
| Battery Cell Highest Cell number                                 | 31     |         |
| Battery Cell Lowest Cell number                                  | 14     |         |
| HV Battery Voltage (cell sum)                                    | 355.90 | Volts   |
| HV Battery Voltage (Module Sum)                                  | 355.50 | Volts   |
| HV Sensor A Pack Voltage                                         | 355.80 | Volts   |
| HV Sensor B Bus\Link (Pre-Fuse) Voltage                          | 355.80 | Volts   |
| HV Sensor C OBCM (HVOBC Fuse) Voltage                            | 355.80 | Volts   |
| HV Sensor D Heater (HVHTR Fuse) Voltage                          | 355.80 | Volts   |
| HV Sensor G Weld Contactor(Pack Negative) Voltage                | 0.4    | Volts   |
| Battery Temperature Maximum Module                               | 99     | °F      |

|                                               |                         |           |
|-----------------------------------------------|-------------------------|-----------|
| Battery Temperature Minimum Module            | 97                      | °F        |
| Battery Temperature Average Module            | 97                      | °F        |
| Battery Temperature Highest Sensor number     | 01                      |           |
| Battery Temperature Lowest Sensor number      | 03                      |           |
| Battery Temperature Number of Failing Sensors | 00                      |           |
| HV Cooling Pump Relay Drive                   | Not Sourced             |           |
| HV Cooling Battery coolant inlet temp         | 84                      | °F        |
| HV Cooling Battery coolant outlet temp        | 86                      | °F        |
| HV Cooling OBCM temp inlet Temp               | 127                     | °F        |
| Pump - Battery Coolant Level Low              | False                   |           |
| Isolation Vehicle Diagnostic Status           | Run and Passed          |           |
| Isolation Vehicle Impedance                   | 7.5005                  | Mega Ohms |
| Isolation Battery Diagnostic Status           | Run and Passed          |           |
| Isolation Battery Impedance                   | 0.8480                  | Mega Ohms |
| HV Bat SOH-R                                  | 0.8                     | %         |
| HV Bat SOH-C                                  | 94.1                    | %         |
| BPCM Sec Asic Reset Req                       | Not active              |           |
| BPCM Sec QA Error Counter                     | 0                       | cnts      |
| BPCM Sec MM Hw Reset Error Counter            | 0                       | cnts      |
| BPCM Sec Asic Fault Input                     | Not active              |           |
| BPCM Sec CC Path Test Active                  | Not active              |           |
| BPCM L2 General Monitoring Flt Rsn            | L2L1_CELL_MAX_V_CMP_FLT |           |
| BPCM L2 CC Path Test Req                      | Undetermined            |           |
| BPCM L2 Contactor Dslb Req                    | Undetermined            |           |
| BPCM L2 ASIC Diagnostic Flt Rsn               | ADCTest                 |           |
| BPCM Sec HW Timer Status                      | Not active              |           |
| BPCM Sec Contactor State                      | Close                   |           |
| BPCM Main HW Timer Status                     | Not active              |           |
| BPCM Sec Asic Fault State                     | NOTASSERTED             |           |
| BPCM L2 SM Hw Reset Error Counter             | 0                       | No Unit   |
| Engine Speed                                  | 0                       | rpm       |
| Accelerator position                          | 7.5                     | %         |
| Real time clock                               | 429496.7295             | seconds   |
| Real time clock-OS Task Delay Timer           | 1                       |           |
| Real Time Clock Validity                      | True                    |           |
| DTC                                           | C1 51 00                |           |
| Test Failed                                   | False                   |           |
| Test Failed This Operation Cycle              | False                   |           |
| Pending DTC                                   | False                   |           |
| Confirmed DTC                                 | True                    |           |
| Test Not Completed Since Last Clear           | False                   |           |
| Test Failed Since Last Clear                  | True                    |           |
| Test Not Completed This Operation Cycle       | False                   |           |
| Warning Indicator Requested                   | False                   |           |

|                                       |       |       |
|---------------------------------------|-------|-------|
| DTC Extended Data Record Number - All | 01    |       |
| Occurrence flag                       | ERROR |       |
| Original Odometer Value               | 805   | miles |
| Most Recent Odometer Value            | 805   | miles |
| DTC Extended Data Record Number - 2   | A7    |       |

#### BPCM | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

| NAME                                                           | VALUE                  | UNITS   |
|----------------------------------------------------------------|------------------------|---------|
| Frequency Counter                                              | 3                      |         |
| Ignition Cycle Counter                                         | 2                      |         |
| FoM - for this DTC (lifetime fails)                            | 11                     | events  |
| FoM - for this DTC (lifetime fails counts on pass)             | 0.0000                 | seconds |
| FoM - for this DTC (lifetime longest fail on pass)             | 0.000                  | seconds |
| Battery Total Time Awake                                       | 7260354                | seconds |
| Key in Ignition                                                | Key_Def                |         |
| Key Position                                                   | Ign_Run                |         |
| EPT -WakeUp                                                    | Sourced                |         |
| HCP Contactor Command                                          | Open                   |         |
| Qualified Contactor Command - QCC                              | Open                   |         |
| Verified Contactor Command - VCC                               | Open                   |         |
| Contactor Status                                               | Open                   |         |
| Plug in Status                                                 | Not plugged in         |         |
| ChargingLevel                                                  | Plug in, but no charge |         |
| Balance Mode                                                   | False                  |         |
| Battery in Periodic wake up (Just battery ) at time of Fault   | False                  |         |
| Battery in Periodic wake up (Wake up vehicle) at time of Fault | False                  |         |
| Vehicle mileage at time of fault (ODO signal in \$3D2)         | 807.94                 | miles   |
| Battery Lifetime Miles                                         | 667AC4                 | miles   |
| Vehicle Speed                                                  | 0.0                    | MPH     |
| System (12) Volts at time of fault                             | 12.340                 | Volts   |
| Battery Lifetime AmpHrs of Charge                              | 576.5                  | AHr     |
| Battery Lifetime AmpHrs of DisCharge                           | 562.7                  | AHr     |
| SOC at time of Fault                                           | 58.4                   | %       |
| Power Up SOC at time of Fault                                  | 74.5                   | %       |
| HVIL Status -Vehicle                                           | PASS                   |         |
| HVIL Status - Battery pack                                     | PASS                   |         |
| HVIL PWM Duty Cycle - Vehicle                                  | 50.2                   | %       |
| HVIL PWM Frequency - Vehicle                                   | 87.9                   | Hz      |
| HVIL PWM peak voltage Sourced - Vehicle                        | 11.152                 | Volts   |
| HVIL PWM peak voltage Sensed - Vehicle                         | 11.102                 | Volts   |
| HVIL Source Voltage- Battery                                   | 1.392                  | Volts   |
| HVIL Returned current - Battery                                | 30.70                  | mA      |
| HV Battery Current Sensor 1 Hall High                          | -0.60                  | Amps    |
| HV Battery Current Sensor 2 Hall Low                           | -0.05                  | Amps    |

|                                                                  |        |         |
|------------------------------------------------------------------|--------|---------|
| HV Battery Current HVBatCrnt                                     | 0.00   | Amps    |
| HV Cooling Speed Pump 1 Target                                   | 2375   | rpm     |
| HV Cooling Speed pump 1 Speed                                    | 2500   | rpm     |
| Charge indicator Temp                                            | 99     | °F      |
| BPCM temperature max                                             | 99     | °F      |
| BPCM temperature min                                             | 97     | °F      |
| Pump - Wire Open\Short to Gnd                                    | PASS   |         |
| Pump - Dry Run Detection                                         | PASS   |         |
| Pump - Overcurrent                                               | PASS   |         |
| Pump - Overtemperature                                           | PASS   |         |
| Pump - Switch Power Shorted                                      | PASS   |         |
| Isolation Circuitry Va                                           | 2.500  | Volts   |
| Isolation Circuitry Vb                                           | 2.501  | Volts   |
| Isolation Circuitry Vd                                           | 0.000  | Volts   |
| WC and Circuitry 2.5V Reference Voltage                          | 2.501  | Volts   |
| WC and Circuitry Vcc Voltage                                     | 5.014  | Volts   |
| WC and CircuitryISO 8V Reference Voltage                         | 7.976  | Volts   |
| WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage | -21.8  | Volts   |
| Cycles left to self heal                                         | 40     | No Unit |
| Fault trigger level 1                                            | False  |         |
| Fault trigger level 2                                            | False  |         |
| Fault trigger level 3                                            | False  |         |
| Fault Path                                                       | 01     |         |
| HV Battery Charge Power 2sec                                     | 99009  | watts   |
| HV Battery Charge Power 10sec                                    | 97482  | watts   |
| HV Battery Discharge Power 2sec                                  | 98988  | watts   |
| HV Battery Discharge Power 10sec                                 | 97134  | watts   |
| HV Battery Power                                                 | 007530 | watts   |
| Key - DriveRdy (CAN)                                             | True   |         |
| Battery Lifetime Number Of Closes                                | 222    |         |
| Battery Full AmpHr Capacity                                      | 49     | AmpHrs  |
| Cell Impedance Max Discharge                                     | 0      | mOhms   |
| Cell Impedance Mim Discharge                                     | 0      | mOhms   |
| Battery Cell Voltage Maximum                                     | 3707   | mV      |
| Battery Cell Voltage Minimum                                     | 3693   | mV      |
| Battery Cell Voltage Average                                     | 3698   | mV      |
| Battery Cell Highest Cell number                                 | 31     |         |
| Battery Cell Lowest Cell number                                  | 14     |         |
| HV Battery Voltage (cell sum)                                    | 355.00 | Volts   |
| HV Battery Voltage (Module Sum)                                  | 354.60 | Volts   |
| HV Sensor A Pack Voltage                                         | 354.90 | Volts   |
| HV Sensor B Bus\Link (Pre-Fuse) Voltage                          | 8.50   | Volts   |
| HV Sensor C OBCM (HVOBC Fuse) Voltage                            | 8.30   | Volts   |
| HV Sensor D Heater (HVHTR Fuse) Voltage                          | 8.20   | Volts   |

|                                                   |                         |           |
|---------------------------------------------------|-------------------------|-----------|
| HV Sensor G Weld Contactor(Pack Negative) Voltage | -21.8                   | Volts     |
| Battery Temperature Maximum Module                | 99                      | °F        |
| Battery Temperature Minimum Module                | 97                      | °F        |
| Battery Temperature Average Module                | 99                      | °F        |
| Battery Temperature Highest Sensor number         | 01                      |           |
| Battery Temperature Lowest Sensor number          | 03                      |           |
| Battery Temperature Number of Failing Sensors     | 00                      |           |
| HV Cooling Pump Relay Drive                       | Not Sourced             |           |
| HV Cooling Battery coolant inlet temp             | 82                      | °F        |
| HV Cooling Battery coolant outlet temp            | 86                      | °F        |
| HV Cooling OBCM temp inlet Temp                   | 127                     | °F        |
| Pump - Battery Coolant Level Low                  | False                   |           |
| Isolation Vehicle Diagnostic Status               | Run and Passed          |           |
| Isolation Vehicle Impedance                       | 7.5005                  | Mega Ohms |
| Isolation Battery Diagnostic Status               | Run and Passed          |           |
| Isolation Battery Impedance                       | 0.8480                  | Mega Ohms |
| HV Bat SOH-R                                      | 0.8                     | %         |
| HV Bat SOH-C                                      | 94.1                    | %         |
| BPCM Sec Asic Reset Req                           | Not active              |           |
| BPCM Sec QA Error Counter                         | 0                       | cnts      |
| BPCM Sec MM Hw Reset Error Counter                | 0                       | cnts      |
| BPCM Sec Asic Fault Input                         | Not active              |           |
| BPCM Sec CC Path Test Active                      | Not active              |           |
| BPCM L2 General Monitoring Flt Rsn                | L2L1_CELL_MAX_V_CMP_FLT |           |
| BPCM L2 CC Path Test Req                          | Undetermined            |           |
| BPCM L2 Contactor Dslb Req                        | Undetermined            |           |
| BPCM L2 ASIC Diagnostic Flt Rsn                   | ADCTest                 |           |
| BPCM Sec HW Timer Status                          | Not active              |           |
| BPCM Sec Contactor State                          | Open                    |           |
| BPCM Main HW Timer Status                         | Not active              |           |
| BPCM Sec Asic Fault State                         | NOTASSERTED             |           |
| BPCM L2 SM Hw Reset Error Counter                 | 0                       | No Unit   |
| Engine Speed                                      | 0                       | rpm       |
| Accelerator position                              | 7.5                     | %         |
| Real time clock                                   | 429496.7295             | seconds   |
| Real time clock-OS Task Delay Timer               | 1                       |           |
| Real Time Clock Validity                          | True                    |           |
| DTC                                               | C1 00 00                |           |
| Test Failed                                       | False                   |           |
| Test Failed This Operation Cycle                  | False                   |           |
| Pending DTC                                       | False                   |           |
| Confirmed DTC                                     | True                    |           |
| Test Not Completed Since Last Clear               | False                   |           |
| Test Failed Since Last Clear                      | True                    |           |

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| DTC Extended Data Record Number - 2     | A6    |       |

#### HCP | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

| NAME                                    | VALUE            | UNITS  |
|-----------------------------------------|------------------|--------|
| DTC                                     | C1 00 00         |        |
| Test Failed                             | False            |        |
| Test Failed This Operation Cycle        | False            |        |
| Pending DTC                             | False            |        |
| Confirmed DTC                           | True             |        |
| Test Not Completed Since Last Clear     | False            |        |
| Test Failed Since Last Clear            | True             |        |
| Test Not Completed This Operation Cycle | False            |        |
| Warning Indicator Requested             | False            |        |
| Occurrence flag                         | Occurrence       |        |
| Original Odometer Value                 | 808.0            | miles  |
| Most Recent Odometer Value              | 808.0            | miles  |
| Frequency Counter                       | 8                |        |
| Ignition Cycle Counter                  | 0                |        |
| Real time clock                         | 7260466          | sec    |
| RAM stamps keyOn                        | 1260             | sec    |
| RAM Stamps                              | 5570             | Min    |
| Accelerator Pedal Position              | 0                | %      |
| Brake Switch Status                     | Not Applied      |        |
| Engine Speed                            | 0                | rpm    |
| HV Battery SOC                          | 58               | %      |
| Ignition State                          | Ignition Off/ACC |        |
| PRND Position Display                   | P                |        |
| Propulsion System Active                | False            |        |
| Vehicle Speed                           | 0.0000           | MPH    |
| Motor A Temp Sensor                     | 158              | °F     |
| Motor B Temp Sensor                     | 178              | °F     |
| Barometric Pressure                     | 15               | PSI    |
| Engine Coolant Temperature              | 176              | °F     |
| Internal EPS Voltage Sense A            | 8.136            | Volts  |
| Internal EPS Voltage Sense B            | 8.064            | Volts  |
| Motor A Torque                          | 0.000            | Ft-Lbs |
| Motor B Torque                          | 0.000            | Ft-Lbs |
| Actual Torque - Motor A                 | 0.000            | Ft-Lbs |

|                                         |                          |        |
|-----------------------------------------|--------------------------|--------|
| Actual Torque - Motor B                 | 0.000                    | Ft-Lbs |
| Available Motor Torque - Motor A        | 87.205                   | Ft-Lbs |
| Available Motor Torque - Motor B        | 232.393                  | Ft-Lbs |
| Available Regen Torque - Motor A        | -87.205                  | Ft-Lbs |
| Available Regen Torque - Motor B        | -232.393                 | Ft-Lbs |
| Commanded Torque - Motor A              | 0.000                    | Ft-Lbs |
| Commanded Torque - Motor B              | 0.000                    | Ft-Lbs |
| Motor A - Inverter Current - phase A    | 0                        | AMP    |
| Motor A - Inverter Current - phase B    | -4                       | AMP    |
| Motor A - Inverter Current - phase C    | 0                        | AMP    |
| Motor B - Inverter Current - phase A    | -4                       | AMP    |
| Motor B - Inverter Current - phase B    | -4                       | AMP    |
| Motor B - Inverter Current - phase C    | -4                       | AMP    |
| Motor B Resolver Angle                  | 124                      | Degree |
| Motor A Resolver Angle                  | 222                      | Degree |
| Electric Motor A Speed                  | 0.5                      | rpm    |
| Electric Motor B Speed                  | 1.0                      | rpm    |
| PIM DC Link Voltage - A                 | 358                      | Volts  |
| PIM DC Link Voltage - B                 | 360                      | Volts  |
| HCP ePT Wake-Up Output                  | On                       |        |
| CBC Wake-Up Input                       | Off                      |        |
| HCP System Shutdown Command             | Default                  |        |
| HV Battery Voltage from BPCM            | 358.60                   | Volts  |
| SW Build Release Version                | PIM_21C_2107B0_RU_HCP___ |        |
| HCP SW Version                          | 21C                      |        |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |        |
| HV Contactor Status                     | Closed                   |        |
| APM Status                              | Idle                     |        |
| Impact Event                            | False                    |        |
| Outside Air Temperature                 | 118.4                    | °F     |
| OBCM Operating Mode                     | UTC                      |        |
| J1772 Prox Detected State               | Prox Out                 |        |
| HV Battery Sleep Time                   | 0                        | Days   |
| Battery Feed Voltage 1 Sense            | 12.384                   | Volts  |
| Battery Feed Voltage 2 Sense            | 12.312                   | Volts  |
| Battery Feed Voltage 3 Sense            | 12.384                   | Volts  |
| Hybrid System State                     | Inverters Enabled        |        |
| Inverter A IGBT Temperature for phase A | 131                      | °F     |
| Inverter A IGBT Temperature for phase B | 129                      | °F     |
| Inverter A IGBT Temperature for phase C | 131                      | °F     |
| Inverter B IGBT Temperature for phase A | 129                      | °F     |
| Inverter B IGBT Temperature for phase B | 129                      | °F     |
| Inverter B IGBT Temperature for phase C | 131                      | °F     |
| PHEV Charging Status                    | No Charging              |        |

|                                  |      |         |
|----------------------------------|------|---------|
| Distance Travelled with Light ON | 0    | miles   |
| GPS Date - Year                  | 2022 | Year    |
| GPS Date - Month                 | 6    |         |
| GPS Date - Day                   | 27   | Days    |
| UTC Time - Hours                 | 22   | Hours   |
| UTC Time - Minutes               | 45   |         |
| UTC Time - Seconds               | 0    | seconds |
| ECU Time - Milliseconds          | 275  | ms      |

#### HCP | U0151-00 | Stored | Lost Communication with Occupant Restraint Controller (ORC)-

| NAME                                    | VALUE            | UNITS  |
|-----------------------------------------|------------------|--------|
| DTC                                     | C1 51 00         |        |
| Test Failed                             | False            |        |
| Test Failed This Operation Cycle        | False            |        |
| Pending DTC                             | False            |        |
| Confirmed DTC                           | True             |        |
| Test Not Completed Since Last Clear     | False            |        |
| Test Failed Since Last Clear            | True             |        |
| Test Not Completed This Operation Cycle | False            |        |
| Warning Indicator Requested             | False            |        |
| Occurrence flag                         | Occurrence       |        |
| Original Odometer Value                 | 808.0            | miles  |
| Most Recent Odometer Value              | 808.0            | miles  |
| Frequency Counter                       | 3                |        |
| Ignition Cycle Counter                  | 0                |        |
| Real time clock                         | 7260472          | sec    |
| RAM stamps keyOn                        | 1260             | sec    |
| RAM Stamps                              | 5571             | Min    |
| Accelerator Pedal Position              | 0                | %      |
| Brake Switch Status                     | Not Applied      |        |
| Engine Speed                            | 0                | rpm    |
| HV Battery SOC                          | 58               | %      |
| Ignition State                          | Ignition Off/ACC |        |
| PRND Position Display                   | P                |        |
| Propulsion System Active                | False            |        |
| Vehicle Speed                           | 0.0000           | MPH    |
| Motor A Temp Sensor                     | 158              | °F     |
| Motor B Temp Sensor                     | 178              | °F     |
| Barometric Pressure                     | 15               | PSI    |
| Engine Coolant Temperature              | 176              | °F     |
| Internal EPS Voltage Sense A            | 8.136            | Volts  |
| Internal EPS Voltage Sense B            | 8.064            | Volts  |
| Motor A Torque                          | 0.000            | Ft-Lbs |
| Motor B Torque                          | 0.000            | Ft-Lbs |

|                                         |                         |        |
|-----------------------------------------|-------------------------|--------|
| Actual Torque - Motor A                 | 0.000                   | Ft-Lbs |
| Actual Torque - Motor B                 | 0.000                   | Ft-Lbs |
| Available Motor Torque - Motor A        | 87.205                  | Ft-Lbs |
| Available Motor Torque - Motor B        | 232.393                 | Ft-Lbs |
| Available Regen Torque - Motor A        | -87.205                 | Ft-Lbs |
| Available Regen Torque - Motor B        | -232.393                | Ft-Lbs |
| Commanded Torque - Motor A              | 0.000                   | Ft-Lbs |
| Commanded Torque - Motor B              | 0.000                   | Ft-Lbs |
| Motor A - Inverter Current - phase A    | -4                      | AMP    |
| Motor A - Inverter Current - phase B    | -4                      | AMP    |
| Motor A - Inverter Current - phase C    | -4                      | AMP    |
| Motor B - Inverter Current - phase A    | 0                       | AMP    |
| Motor B - Inverter Current - phase B    | -4                      | AMP    |
| Motor B - Inverter Current - phase C    | 0                       | AMP    |
| Motor B Resolver Angle                  | 124                     | Degree |
| Motor A Resolver Angle                  | 224                     | Degree |
| Electric Motor A Speed                  | 1.5                     | rpm    |
| Electric Motor B Speed                  | 1.0                     | rpm    |
| PIM DC Link Voltage - A                 | 358                     | Volts  |
| PIM DC Link Voltage - B                 | 360                     | Volts  |
| HCP ePT Wake-Up Output                  | On                      |        |
| CBC Wake-Up Input                       | On                      |        |
| HCP System Shutdown Command             | Default                 |        |
| HV Battery Voltage from BPCM            | 358.60                  | Volts  |
| SW Build Release Version                | PIM_21C_2107B0_RU_HCP__ |        |
| HCP SW Version                          | 21C                     |        |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic   |        |
| HV Contactor Status                     | Closed                  |        |
| APM Status                              | Idle                    |        |
| Impact Event                            | False                   |        |
| Outside Air Temperature                 | 118.4                   | °F     |
| OBCM Operating Mode                     | UTC                     |        |
| J1772 Prox Detected State               | Prox Out                |        |
| HV Battery Sleep Time                   | 0                       | Days   |
| Battery Feed Voltage 1 Sense            | 12.384                  | Volts  |
| Battery Feed Voltage 2 Sense            | 12.312                  | Volts  |
| Battery Feed Voltage 3 Sense            | 12.384                  | Volts  |
| Hybrid System State                     | Inverters Enabled       |        |
| Inverter A IGBT Temperature for phase A | 133                     | °F     |
| Inverter A IGBT Temperature for phase B | 131                     | °F     |
| Inverter A IGBT Temperature for phase C | 131                     | °F     |
| Inverter B IGBT Temperature for phase A | 131                     | °F     |
| Inverter B IGBT Temperature for phase B | 131                     | °F     |
| Inverter B IGBT Temperature for phase C | 131                     | °F     |

|                                  |             |         |
|----------------------------------|-------------|---------|
| PHEV Charging Status             | No Charging |         |
| Distance Travelled with Light ON | 0           | miles   |
| GPS Date - Year                  | 2022        | Year    |
| GPS Date - Month                 | 6           |         |
| GPS Date - Day                   | 27          | Days    |
| UTC Time - Hours                 | 22          | Hours   |
| UTC Time - Minutes               | 45          |         |
| UTC Time - Seconds               | 0           | seconds |
| ECU Time - Milliseconds          | 375         | ms      |

#### HCP | U1818-00 | Stored | Lost Communication With ECM/PCM on D-PT CAN-

| NAME                                    | VALUE       | UNITS  |
|-----------------------------------------|-------------|--------|
| DTC                                     | D8 18 00    |        |
| Test Failed                             | False       |        |
| Test Failed This Operation Cycle        | False       |        |
| Pending DTC                             | False       |        |
| Confirmed DTC                           | True        |        |
| Test Not Completed Since Last Clear     | False       |        |
| Test Failed Since Last Clear            | True        |        |
| Test Not Completed This Operation Cycle | False       |        |
| Warning Indicator Requested             | False       |        |
| Occurrence flag                         | Occurrence  |        |
| Original Odometer Value                 | 808.0       | miles  |
| Most Recent Odometer Value              | 808.0       | miles  |
| Frequency Counter                       | 1           |        |
| Ignition Cycle Counter                  | 0           |        |
| Real time clock                         | 7260354     | sec    |
| RAM stamps keyOn                        | 1140        | sec    |
| RAM Stamps                              | 5569        | Min    |
| Accelerator Pedal Position              | 0           | %      |
| Brake Switch Status                     | Not Applied |        |
| Engine Speed                            | 0           | rpm    |
| HV Battery SOC                          | 59          | %      |
| Ignition State                          | Reserved    |        |
| PRND Position Display                   | N           |        |
| Propulsion System Active                | False       |        |
| Vehicle Speed                           | 0.0000      | MPH    |
| Motor A Temp Sensor                     | 147         | °F     |
| Motor B Temp Sensor                     | 171         | °F     |
| Barometric Pressure                     | 15          | PSI    |
| Engine Coolant Temperature              | 176         | °F     |
| Internal EPS Voltage Sense A            | 3.744       | Volts  |
| Internal EPS Voltage Sense B            | 1.728       | Volts  |
| Motor A Torque                          | 0.000       | Ft-Lbs |

|                                         |                           |        |
|-----------------------------------------|---------------------------|--------|
| Motor B Torque                          | 0.000                     | Ft-Lbs |
| Actual Torque - Motor A                 | 0.000                     | Ft-Lbs |
| Actual Torque - Motor B                 | 0.000                     | Ft-Lbs |
| Available Motor Torque - Motor A        | 87.205                    | Ft-Lbs |
| Available Motor Torque - Motor B        | 232.301                   | 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 |
| Commanded Torque - Motor B              | 0.000                     | Ft-Lbs |
| Motor A - Inverter Current - phase A    | -4                        | AMP    |
| Motor A - Inverter Current - phase B    | -4                        | AMP    |
| Motor A - Inverter Current - phase C    | -4                        | AMP    |
| Motor B - Inverter Current - phase A    | -4                        | AMP    |
| Motor B - Inverter Current - phase B    | -4                        | AMP    |
| Motor B - Inverter Current - phase C    | -4                        | AMP    |
| Motor B Resolver Angle                  | 244                       | Degree |
| Motor A Resolver Angle                  | 140                       | Degree |
| Electric Motor A Speed                  | 0.5                       | rpm    |
| Electric Motor B Speed                  | 0.0                       | rpm    |
| PIM DC Link Voltage - A                 | 7                         | Volts  |
| PIM DC Link Voltage - B                 | 7                         | Volts  |
| HCP ePT Wake-Up Output                  | On                        |        |
| CBC Wake-Up Input                       | Off                       |        |
| HCP System Shutdown Command             | Default                   |        |
| HV Battery Voltage from BPCM            | 180.00                    | Volts  |
| SW Build Release Version                | PIM_21C_2107B0_RU_HCP____ |        |
| HCP SW Version                          | 21C                       |        |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic     |        |
| HV Contactor Status                     | Open                      |        |
| APM Status                              | Idle                      |        |
| Impact Event                            | False                     |        |
| Outside Air Temperature                 | 119.3                     | °F     |
| OBCM Operating Mode                     | UTC                       |        |
| J1772 Prox Detected State               | Prox Out                  |        |
| HV Battery Sleep Time                   | 0                         | Days   |
| Battery Feed Voltage 1 Sense            | 12.168                    | Volts  |
| Battery Feed Voltage 2 Sense            | 12.096                    | Volts  |
| Battery Feed Voltage 3 Sense            | 12.168                    | Volts  |
| Hybrid System State                     | SNA                       |        |
| Inverter A IGBT Temperature for phase A | 126                       | °F     |
| Inverter A IGBT Temperature for phase B | 124                       | °F     |
| Inverter A IGBT Temperature for phase C | 126                       | °F     |
| Inverter B IGBT Temperature for phase A | 124                       | °F     |
| Inverter B IGBT Temperature for phase B | 124                       | °F     |

|                                         |             |         |
|-----------------------------------------|-------------|---------|
| Inverter B IGBT Temperature for phase C | 126         | °F      |
| PHEV Charging Status                    | No Charging |         |
| Distance Travelled with Light ON        | 0           | miles   |
| GPS Date - Year                         | 2022        | Year    |
| GPS Date - Month                        | 6           |         |
| GPS Date - Day                          | 27          | Days    |
| UTC Time - Hours                        | 22          | Hours   |
| UTC Time - Minutes                      | 43          |         |
| UTC Time - Seconds                      | 0           | seconds |
| ECU Time - Milliseconds                 | 944         | ms      |

#### HCP | U1830-00 | Stored | Lost Communication with ORC on D-PT-

| NAME                                    | VALUE       | UNITS |
|-----------------------------------------|-------------|-------|
| DTC                                     | D8 30 00    |       |
| Test Failed                             | False       |       |
| Test Failed This Operation Cycle        | False       |       |
| Pending DTC                             | False       |       |
| Confirmed DTC                           | True        |       |
| Test Not Completed Since Last Clear     | False       |       |
| Test Failed Since Last Clear            | True        |       |
| Test Not Completed This Operation Cycle | False       |       |
| Warning Indicator Requested             | False       |       |
| Occurrence flag                         | Occurrence  |       |
| Original Odometer Value                 | 808.0       | miles |
| Most Recent Odometer Value              | 808.0       | miles |
| Frequency Counter                       | 3           |       |
| Ignition Cycle Counter                  | 0           |       |
| Real time clock                         | 7260475     | sec   |
| RAM stamps keyOn                        | 1260        | sec   |
| RAM Stamps                              | 5571        | Min   |
| Accelerator Pedal Position              | 0           | %     |
| Brake Switch Status                     | Not Applied |       |
| Engine Speed                            | 0           | rpm   |
| HV Battery SOC                          | 58          | %     |
| Ignition State                          | Reserved    |       |
| PRND Position Display                   | P           |       |
| Propulsion System Active                | False       |       |
| Vehicle Speed                           | 0.0000      | MPH   |
| Motor A Temp Sensor                     | 158         | °F    |
| Motor B Temp Sensor                     | 178         | °F    |
| Barometric Pressure                     | 15          | PSI   |
| Engine Coolant Temperature              | 176         | °F    |
| Internal EPS Voltage Sense A            | 8.136       | Volts |
| Internal EPS Voltage Sense B            | 8.064       | Volts |

|                                         |                         |        |
|-----------------------------------------|-------------------------|--------|
| Motor A Torque                          | 0.000                   | Ft-Lbs |
| Motor B Torque                          | 0.000                   | Ft-Lbs |
| Actual Torque - Motor A                 | 0.000                   | Ft-Lbs |
| Actual Torque - Motor B                 | 0.000                   | Ft-Lbs |
| Available Motor Torque - Motor A        | 87.205                  | Ft-Lbs |
| Available Motor Torque - Motor B        | 232.393                 | Ft-Lbs |
| Available Regen Torque - Motor A        | -87.205                 | Ft-Lbs |
| Available Regen Torque - Motor B        | -232.393                | Ft-Lbs |
| Commanded Torque - Motor A              | 0.000                   | Ft-Lbs |
| Commanded Torque - Motor B              | 0.000                   | Ft-Lbs |
| Motor A - Inverter Current - phase A    | -4                      | AMP    |
| Motor A - Inverter Current - phase B    | 0                       | AMP    |
| Motor A - Inverter Current - phase C    | -4                      | AMP    |
| Motor B - Inverter Current - phase A    | -4                      | AMP    |
| Motor B - Inverter Current - phase B    | 0                       | AMP    |
| Motor B - Inverter Current - phase C    | -4                      | AMP    |
| Motor B Resolver Angle                  | 124                     | Degree |
| Motor A Resolver Angle                  | 224                     | Degree |
| Electric Motor A Speed                  | 1.0                     | rpm    |
| Electric Motor B Speed                  | 1.0                     | rpm    |
| PIM DC Link Voltage - A                 | 358                     | Volts  |
| PIM DC Link Voltage - B                 | 360                     | Volts  |
| HCP ePT Wake-Up Output                  | On                      |        |
| CBC Wake-Up Input                       | On                      |        |
| HCP System Shutdown Command             | Default                 |        |
| HV Battery Voltage from BPCM            | 358.60                  | Volts  |
| SW Build Release Version                | PIM_21C_2107B0_RU_HCP__ |        |
| HCP SW Version                          | 21C                     |        |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic   |        |
| HV Contactor Status                     | Closed                  |        |
| APM Status                              | Idle                    |        |
| Impact Event                            | False                   |        |
| Outside Air Temperature                 | 118.4                   | °F     |
| OBCM Operating Mode                     | UTC                     |        |
| J1772 Prox Detected State               | Prox Out                |        |
| HV Battery Sleep Time                   | 0                       | Days   |
| Battery Feed Voltage 1 Sense            | 12.456                  | Volts  |
| Battery Feed Voltage 2 Sense            | 12.384                  | Volts  |
| Battery Feed Voltage 3 Sense            | 12.456                  | Volts  |
| Hybrid System State                     | Inverters Enabled       |        |
| Inverter A IGBT Temperature for phase A | 133                     | °F     |
| Inverter A IGBT Temperature for phase B | 131                     | °F     |
| Inverter A IGBT Temperature for phase C | 131                     | °F     |
| Inverter B IGBT Temperature for phase A | 131                     | °F     |

|                                         |             |         |
|-----------------------------------------|-------------|---------|
| Inverter B IGBT Temperature for phase B | 131         | °F      |
| Inverter B IGBT Temperature for phase C | 131         | °F      |
| PHEV Charging Status                    | No Charging |         |
| Distance Travelled with Light ON        | 0           | miles   |
| GPS Date - Year                         | 2022        | Year    |
| GPS Date - Month                        | 6           |         |
| GPS Date - Day                          | 27          | Days    |
| UTC Time - Hours                        | 22          | Hours   |
| UTC Time - Minutes                      | 45          |         |
| UTC Time - Seconds                      | 0           | seconds |
| ECU Time - Milliseconds                 | 650         | ms      |

#### DSM | U0140-00 | Stored | Lost Communication With Body Control Module-

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | C1 40 00   |       |
| Test Failed                             | False      |       |
| Pending DTC                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 01         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 805        | miles |
| Most Recent Odometer Value              | 805        | miles |
| Frequency Counter                       | 1          |       |
| Ignition Cycle Counter                  | 8          |       |

#### EBBM | C211B-00 | Stored | Ignition Run/Start Input-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | 61 1B 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | False    |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| Occurrence flag                         | ERROR    |       |
| Mirror Memory                           | No       |       |
| Undervoltage Suspected                  | No       |       |

|                                    |                                              |       |
|------------------------------------|----------------------------------------------|-------|
| Original Odometer Value            | 805                                          | miles |
| Most Recent Odometer Value         | 805                                          | miles |
| Frequency Counter                  | 2                                            |       |
| Ignition Cycle Counter             | 0                                            |       |
| Fault Time                         | 1299.40                                      | S     |
| Booster Supply                     | 12.2                                         | V     |
| ECU Supply                         | 12.2                                         | V     |
| Ignition                           | 12.2                                         | V     |
| Pedal Travel Sensor Supply         | 5.0                                          | V     |
| iBooster System Mode               | Ready Mode - iBooster is ready for actuation |       |
| Brake Pedal Applied                | brake pedal not applied                      |       |
| iBooster ECU Temperature Channel 1 | 142.0250                                     | °F    |
| iBooster ECU Temperature Channel 2 | 141.1813                                     | °F    |
| iBooster Brake Pedal State         | brake pedal not applied                      |       |
| ESP Master Cylinder Pressure       | 0.00                                         | PSI   |
| Pedal Travel Sensor One            | -0.0624992                                   | mm_   |
| Pedal Travel Sensor Two            | -0.0195310                                   | mm_   |
| iBooster Rotary Position Sensor    | 0.00                                         | Deg   |
| iBooster Output Rod Stroke         | 0.00                                         | mm_   |
| iBooster Input Rod Stroke          | 0.01                                         | mm_   |
| iBooster Boost Body Stroke         | 0.00                                         | mm_   |
| Vehicle Speed                      | 0.00                                         | MPH   |
| Supplier Internal Code             | 140                                          |       |

#### ABSO | C211B-00 | Stored | Ignition Run/Start Input-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | 61 1B 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | False    |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| Occurrence flag                         | ERROR    |       |
| Controller Event                        | No       |       |
| Mirror Memory                           | No       |       |
| Undervoltage Suspected                  | No       |       |
| Original Odometer Value                 | 805      | miles |
| Most Recent Odometer Value              | 805      | miles |
| Frequency Counter                       | 2        |       |
| Ignition Cycle Counter                  | 0        |       |
| Fault Time                              | 1299.40  | S     |

|                                     |                                 |                  |
|-------------------------------------|---------------------------------|------------------|
| Current System Mode                 | Ignition Run                    |                  |
| Previous System Mode                | Ignition Run                    |                  |
| System Condition                    | OK                              |                  |
| Supply Voltage Valves               | 12.2                            | V                |
| Brake Pedal Status                  | Released                        |                  |
| Supply voltage Pump                 | 12.2                            | V                |
| Brake Pedal Travel Sensor Position  | 0                               | %                |
| Ignition Unfiltered                 | 0.0                             | V                |
| Wheel Speed Left Front              | 0.000                           | MPH              |
| Rotation Direction Left Front       | Forward                         |                  |
| Wheel Speed Right Front             | 0.000                           | MPH              |
| Rotation Direction Right Front      | Forward                         |                  |
| Wheel Speed Left Rear               | 0.000                           | MPH              |
| Rotation Direction Left Rear        | Forward                         |                  |
| Wheel Speed Right Rear              | 0.000                           | MPH              |
| Rotation Direction Right Rear       | Forward                         |                  |
| Steering Wheel Angle                | 25.60                           | °                |
| Longitudinal Acceleration           | 0.00                            | m/s <sup>2</sup> |
| Lateral Acceleration                | 0.00                            | m/s <sup>2</sup> |
| Yaw Rate                            | 0.000                           | °/s              |
| Primary Circuit Pressure            | 0.00                            | PSI              |
| Engine Speed                        | 0.0                             | rpm              |
| Accelerator Pedal Position          | 0.0                             | %                |
| ABS control                         | Not active                      |                  |
| ASR control                         | Not active                      |                  |
| MSR control                         | Not active                      |                  |
| EBV control                         | Not active                      |                  |
| ESP Control                         | Not active                      |                  |
| HSA control                         | Not active                      |                  |
| HBA control                         | Not active                      |                  |
| Hold                                | No                              |                  |
| Braking assistance system           | No Assistance System Is Braking |                  |
| Plant Mode                          | No                              |                  |
| EPB Mode Status                     | Static                          |                  |
| BLS High                            | No                              |                  |
| BLS Low                             | Yes                             |                  |
| Park Brake                          | Activated                       |                  |
| ESP-OFF mode                        | No                              |                  |
| Clutch                              | Not Activated                   |                  |
| Stop Coordinator Active             | No                              |                  |
| Actual Gear                         | P                               |                  |
| Transmission selector lever setting | P                               |                  |
| Status Parking Brake Left           | Brake is Fully Applied          |                  |
| Status Parking Brake Right          | Brake is Fully Applied          |                  |

|                        |      |  |
|------------------------|------|--|
| EPB Switch Status      | Idle |  |
| Supplier Internal Code | 330  |  |

IDCM | U0100-00 | Stored |

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

TBM2 | U0452-64 | Stored | Implausible Data Received From Restraints Control Module-Signal Plausibility Failure

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C4 52 64 |       |
| 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       |       |
| Frequency Counter                       | 1        |       |

SNAPSHOT DATA SUMMARY

- No Snapshot Data available for B2101
- No Snapshot Data available for U0100-00
- No Snapshot Data available for B212C-13
- No Snapshot Data available for U0154-00
- No Snapshot Data available for U0100-00
- No Snapshot Data available for U0159-00
- No Snapshot Data available for U1215-00
- No Snapshot Data available for U0422-00
- No Snapshot Data available for U0100-00
- No Snapshot Data available for U0159-00
- No Snapshot Data available for U1215-00
- No Snapshot Data available for U1216-00
- No Snapshot Data available for U151A-87
- No Snapshot Data available for U1514-87
- No Snapshot Data available for U1216-00
- No Snapshot Data available for U0100-00
- No Snapshot Data available for U0159-00

No Snapshot Data available for U1215-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0151-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0151-00

No Snapshot Data available for U1818-00

No Snapshot Data available for U1830-00

No Snapshot Data available for U0140-00

No Snapshot Data available for C211B-00

No Snapshot Data available for C211B-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0452-64



## VEHICLE SCAN REPORT

**Vehicle** 2022 CHRYSLER PACIFICA/VOYAGER 3.6L V6 HYBRID ENGINE  
**VIN** [REDACTED]

**Odometer** 808.2 miles  
**Publication Date** Jun 30, 2022, 11:11:57 AM

## ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | CURRENT VIN | ORIGINAL VIN | PART #     |
|-------|--------------------------------|----------|--------------|-------------|--------------|------------|
| PCM   | Powertrain Control Module      | CAN-C    | 68526772AD   | [REDACTED]  | [REDACTED]   | 68526772AD |
| PLGM  | Power Liftgate                 | CAN-I    | 68466171AI   |             |              | 68466171AI |
| ICS   | Integrated Center Stack        | CAN-I    | 7AS341X8AA   |             |              | 7AS341X8AA |
| RFH   | Radio Frequency Hub            | CAN-C    | 68592117AA   |             |              | 68592117AA |
| ESM   | Electronic Shifter             | CAN-C    | 68240089AN   |             |              | 68240089AN |
| ORC   | Occupant Restraint             | CAN-C    | 68526665AB   |             |              | 68526665AB |
| EPS   | Electric Power Steering        | CAN-C    | 68525339AA   |             |              | 68525339AA |
| HVAC  | Heat, Ventilation and A/C      | CAN-I    | 52080480AB   |             |              | 52080480AB |
| DDM   | Driver Door Module             | CAN-I    | 68569329AA   |             |              | 68569329AA |
| PDM   | Passenger Door Module          | CAN-I    | 68569328AA   |             |              | 68569328AA |
| DMRL  | Door Module Rear Left          | CAN-I    | 68508894AB   |             |              | 68508894AB |
| DMRR  | Door Module Rear Right         | CAN-I    | 68508894AB   |             |              | 68508894AB |
| PSDML | Power Sliding Doors (Left)     | CAN-I    | 68369596AE   |             |              | 68369596AE |
| PSDMR | Power Sliding Doors (Right)    | CAN-I    | 68369596AE   |             |              | 68369596AE |
| MSM   | Memory Seat Module             | CAN-I    | 68321862AD   |             |              | 68321862AD |
| CSWM  | Comfort Seat Wheel Module      | CAN-I    | 68530192AB   |             |              | 68530192AB |
| AMP   | Amplifier                      | CAN-I    | 68547722AC   |             |              | 68547722AC |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68529064AB   |             |              | 68529064AB |
| PTS   | Parktronics                    | CAN-C    | 68485862AB   |             |              | 68485862AB |
| SCCM  | Steering Column Control Module | CAN-C    | 68531525AA   |             |              | 68531525AA |
| BCM   | Body Controller                | CAN-C    | 68529663AD   |             |              | 68529663AD |

|       |                                    |       |            |  |            |
|-------|------------------------------------|-------|------------|--|------------|
| ACC   | Adaptive Cruise Control            | CAN-C | 68540436AC |  | 68540436AC |
| RADIO | Radio                              | CAN-I | 68526170AD |  | 68526170AD |
| OCM   | Occupant Classification            | CAN-C | 68403127AA |  | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB |  | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AC |  | 04672786AC |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AC |  | 04672786AC |
| FFCM  | Forward Facing Camera Module       | CAN-C | 68551091AA |  | 68551091AA |
| BPCM  | Battery Pack Control Module        | CAN-C | 05193186AB |  | 05193186AB |
| HCP   | Hybrid Control Processor           | CAN-C | 68540977AH |  | 68540977AH |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AD |  | 68321862AD |
| DSM   | Display Screen Module              | CAN-I | 68437339AG |  | 68437339AG |
| VRM   | Video Routing Module               | CAN-I | 68494731AG |  | 68494731AG |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 6WL30PD2AA |  | 6WL30PD2AA |
| CVPM  | Central vision processing module   | CAN-I | 56029958AB |  | 56029958AB |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG |  | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 68540978AH |  | 68540978AH |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68461813AB |  | 68461813AB |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68471122AD |  | 68471122AD |
| SGW   | Security Gateway Module            | CAN-C | 68525871AB |  | 68525871AB |
| IDCM  | Integrated Dual Charge Module      | CAN-C | 05185094AF |  | 05185094AF |
| TBM2  | Telematic Box Module 2             | CAN-C | 68444865AH |  | 68444865AH |

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

| ECU  | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT        | CVNS |
|------|--------------|------------------|------------------|--------------|------|
| PCM  | USA          | 1B 47            | 78 02 00         | 4422         |      |
| PLGM | USA          | 0                | 5084             | 000200000034 |      |
| ICS  | USA          | 0F 0C 00         | 13 31 01         | 4700         |      |
| RFH  | USA / USA    | 10 17 00         | 15 22 00         | 4A00         |      |
| ESM  | USA / USA    | 13 02 00         | 14 23 FF         | 4402         |      |
| ORC  | USA / USA    | 14 06 00         | 14 12 00         | 4301         |      |
| EPS  | USA / USA    | 14 10 00         | 12 1E 01         | 4502         |      |

|       |                              |          |          |              |  |
|-------|------------------------------|----------|----------|--------------|--|
| HVAC  | USA                          | 0E 09 00 | 15 08 01 | 4401         |  |
| DDM   | USA                          | 11 07 00 | 14 2A 00 | 4202         |  |
| PDM   | USA                          | 11 07 00 | 14 2A 00 | 4202         |  |
| DMRL  | USA / USA                    | 10 0B 00 | 14 08 00 | 4201         |  |
| DMRR  | USA / USA                    | 10 0B 00 | 14 08 00 | 4201         |  |
| PSDML | USA / USA                    | 10 17 00 | 14 32 13 | 4001         |  |
| PSDMR | USA / USA                    | 10 17 00 | 14 32 13 | 4001         |  |
| MSM   | USA                          | 0F 2B 00 | 15 21 00 | 4101         |  |
| CSWM  | USA                          | 11 2A 00 | 14 27 00 | 4320         |  |
| AMP   | USA                          | 0F 06 01 | 15 31 02 | 4021         |  |
| IPC   | USA / USA                    | 12 06 00 | 15 01 00 | 4705         |  |
| PTS   | USA                          | 0E 32 00 | 15 05 00 | 4311         |  |
| SCCM  | USA                          | 13 28 00 | 13 29 00 | 4301         |  |
| BCM   | USA                          | 0D 11 00 | 15 20 90 | 4420         |  |
| ACC   | USA / USA                    | 15 21 01 | 15 23 02 | 4400         |  |
| RADIO |                              | 65       | 8629     | 000200000008 |  |
| OCM   | USA / USA                    | 11 1F 01 | 0E 2F 02 | 4030         |  |
| HVACR | USA                          | 0E 09 00 | 10 03 02 | 4301         |  |
| LBSS  | USA / USA                    | 11 30 02 | 15 08 00 | 4202         |  |
| RBSS  | USA / USA                    | 11 30 02 | 15 08 00 | 4202         |  |
| FFCM  | USA / USA                    | 11 06 00 | 15 0C 00 | 4102         |  |
| BPCM  | Not programmed / COUNTRY_SNA | 0E 03 00 | 15 19 00 | 4005         |  |
| HCP   | USA                          | 11 1F 04 | 0F 2D 00 | 4006         |  |
| MSMP  | USA                          | 0F 2B 00 | 15 21 00 | 4001         |  |
| DSM   | USA / USA                    | 14 0C 00 | 15 2D 00 | 4300         |  |
| VRM   |                              | 2        | 8224     | 000200000002 |  |
| RCCC  | USA                          | 0F 1D 00 | 13 04 00 | 4000         |  |
| CVPM  | USA / USA                    | 11 27 01 | 14 2A 00 | 4004         |  |
| EAC   | USA                          | 0E 34 00 | 12 0F 00 | 4102         |  |
| AHCP  | USA                          | 11 1F 04 | 0F 2D 00 | 4000         |  |
| EBBM  | USA                          | 0E 19 02 | 14 0D 18 | 4000         |  |
| ABSO  | USA                          | 0E 15 02 | 14 1B 26 | 4201         |  |
| SGW   |                              | 6        | 1137     | 4103         |  |
| IDCM  | USA                          | 14 2C 00 | 15 31 00 | 4000         |  |
| TBM2  | USA                          | 13 0E 02 | 14 2A 5F | 4104         |  |

## DTC SUMMARY

| ECU | DTC CODE | DTC DESCRIPTION                                         | STATUS |
|-----|----------|---------------------------------------------------------|--------|
| PCM | B2101    | Ignition Run/Start Input Circuit Low                    | Stored |
| RFH | U0100-00 | Lost Communication With ECM/PCM "A"-                    | Stored |
| ORC | B212C-13 | Ignition Run/Start Input-Circuit Open                   | Stored |
| ORC | U0154-00 | Lost Communication With Occupant Classification Module- | Stored |
| EPS | U0100-00 | Lost Communication With ECM/PCM "A"-                    | Stored |

|      |          |                                                                                      |        |
|------|----------|--------------------------------------------------------------------------------------|--------|
| EPS  | U0159-00 | Lost Communication With Parking Assist Control Module-                               | Stored |
| EPS  | U1215-00 | Lost Communication with Forward Facing Camera-                                       | Stored |
| HVAC | U0422-00 | Implausible Data Received From Body Control Module-                                  | Stored |
| IPC  | U0100-00 | Lost Communication With ECM/PCM "A"-                                                 | Stored |
| IPC  | U0159-00 | Lost Communication With Parking Assist Control Module-                               | Stored |
| IPC  | U1215-00 | Lost Communication with Forward Facing Camera-                                       | Stored |
| IPC  | U1216-00 | Lost Communication with Driver Assistance System Module-                             | Stored |
| BCM  | U151A-87 | Hybrid Control Processor Secret Code-Missing Message                                 | Stored |
| BCM  | U1514-87 | Engine Controller Secret Code-Missing Message                                        | Stored |
| BCM  | U1216-00 | Lost Communication with Driver Assistance System Module-                             | Stored |
| BCM  | U0100-00 | Lost Communication With ECM/PCM "A"-                                                 | Stored |
| BCM  | U0159-00 | Lost Communication With Parking Assist Control Module-                               | Stored |
| BCM  | U1215-00 | Lost Communication with Forward Facing Camera-                                       | Stored |
| LBSS | U0140-00 | Lost Communication With Body Control Module-                                         | Stored |
| RBSS | U0140-00 | Lost Communication With Body Control Module-                                         | Stored |
| BPCM | U0151-00 | Lost Communication with Occupant Restraint Controller (ORC)-                         | Stored |
| BPCM | U0100-00 | Lost Communication With ECM/PCM "A"-                                                 | Stored |
| HCP  | U0100-00 | Lost Communication With ECM/PCM "A"-                                                 | Stored |
| HCP  | U0151-00 | Lost Communication with Occupant Restraint Controller (ORC)-                         | Stored |
| HCP  | U1818-00 | Lost Communication With ECM/PCM on D-PT CAN-                                         | Stored |
| HCP  | U1830-00 | Lost Communication with ORC on D-PT-                                                 | Stored |
| DSM  | U0140-00 | Lost Communication With Body Control Module-                                         | Stored |
| EBBM | C211B-00 | Ignition Run/Start Input-                                                            | Stored |
| ABSO | C211B-00 | Ignition Run/Start Input-                                                            | Stored |
| IDCM | U0100-00 |                                                                                      | Stored |
| TBM2 | U0452-64 | Implausible Data Received From Restraints Control Module-Signal Plausibility Failure | Stored |

## ENVIRONMENTAL DATA SUMMARY

### PCM | B2101 | Stored | Ignition Run/Start Input Circuit Low

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | A1 01        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | Off          |         |
| Odometer                              | 811.3        | miles   |
| Accumulation Timer                    | 1            | minutes |
| Ignition Key Cycles                   | 6            |         |
| Starts Since Set Counter              | 5            |         |
| Key Cycles Since DTC Last Set Counter | 6            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

### RFH | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | False |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 8     |       |

#### ORC | B212C-13 | Stored | Ignition Run/Start Input-Circuit Open

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Operation Cycle Counter                 | 5     |       |
| DTC Extended Data Record Number - All   | FF    |       |

#### ORC | U0154-00 | Stored | Lost Communication With Occupant Classification Module-

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |

|                                       |     |       |
|---------------------------------------|-----|-------|
| Original Odometer Value               | 805 | miles |
| Most Recent Odometer Value            | 805 | miles |
| Frequency Counter                     | 1   |       |
| Operation Cycle Counter               | 6   |       |
| DTC Extended Data Record Number - All | FF  |       |

#### EPS | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

| NAME                                                                                             | VALUE    | UNITS  |
|--------------------------------------------------------------------------------------------------|----------|--------|
| DTC                                                                                              | C1 00 00 |        |
| Test Failed                                                                                      | False    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 805      | miles  |
| Most Recent Odometer Value                                                                       | 805      | miles  |
| Frequency Counter                                                                                | 7        |        |
| Ignition Cycle Counter                                                                           | 7        |        |
| Supplier Internal Fault Code                                                                     | 01 29 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 0.000    | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -29.31   | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.00    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 12.16    | V      |
| EPS Steering Wheel Torque                                                                        | -0.0691  | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 141.0    | °F     |
| CAN Battery Voltage                                                                              | 12.2     | Volts  |

#### EPS | U0159-00 | Stored | Lost Communication With Parking Assist Control Module-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 59 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| Occurrence flag                         | ERROR    |       |

|                                                                                                  |          |        |
|--------------------------------------------------------------------------------------------------|----------|--------|
| Original Odometer Value                                                                          | 805      | miles  |
| Most Recent Odometer Value                                                                       | 805      | miles  |
| Frequency Counter                                                                                | 1        |        |
| Ignition Cycle Counter                                                                           | 7        |        |
| Supplier Internal Fault Code                                                                     | 01 99 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 0.451    | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -142.22  | Deg    |
| EPS Steering Wheel Velocity                                                                      | -7.60    | deg/s  |
| EPS System Current Draw                                                                          | 37       | A      |
| EPS Measured Module Voltage                                                                      | 13.68    | V      |
| EPS Steering Wheel Torque                                                                        | 2.3968   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 145.4    | °F     |
| CAN Battery Voltage                                                                              | 14.2     | Volts  |

#### EPS | U1215-00 | Stored | Lost Communication with Forward Facing Camera-

| NAME                                                                                             | VALUE    | UNITS  |
|--------------------------------------------------------------------------------------------------|----------|--------|
| DTC                                                                                              | D2 15 00 |        |
| Test Failed                                                                                      | False    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 805      | miles  |
| Most Recent Odometer Value                                                                       | 805      | miles  |
| Frequency Counter                                                                                | 1        |        |
| Ignition Cycle Counter                                                                           | 7        |        |
| Supplier Internal Fault Code                                                                     | 01 91 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 0.524    | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -105.88  | Deg    |
| EPS Steering Wheel Velocity                                                                      | -5.76    | deg/s  |
| EPS System Current Draw                                                                          | 25       | A      |
| EPS Measured Module Voltage                                                                      | 13.84    | V      |
| EPS Steering Wheel Torque                                                                        | 2.0684   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 145.3    | °F     |
| CAN Battery Voltage                                                                              | 14.2     | Volts  |

#### HVAC | U0422-00 | Stored | Implausible Data Received From Body Control Module-

| NAME                             | VALUE | UNITS |
|----------------------------------|-------|-------|
| Test Failed                      | False |       |
| Test Failed This Operation Cycle | False |       |

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 8     |       |

#### IPC | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | FF         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 805        | miles |
| Most Recent Odometer Value              | 805        | miles |
| Frequency Counter                       | 1          |       |
| Ignition Cycle Counter                  | 6          |       |

#### IPC | U0159-00 | Stored | Lost Communication With Parking Assist Control Module-

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | FF    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |

Ignition Cycle Counter

6

**IPC | U1215-00 | Stored | Lost Communication with Forward Facing Camera-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | FF    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 6     |       |

**IPC | U1216-00 | Stored | Lost Communication with Driver Assistance System Module-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | FF    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 6     |       |

**BCM | U151A-87 | Stored | Hybrid Control Processor Secret Code-Missing Message**

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

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 7     |       |

#### BCM | U1514-87 | Stored | Engine Controller Secret Code-Missing Message

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 7     |       |

#### BCM | U1216-00 | Stored | Lost Communication with Driver Assistance System Module-

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 7     |       |

#### BCM | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 8     |       |

**BCM | U0159-00 | Stored | Lost Communication With Parking Assist Control Module-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 7     |       |

**BCM | U1215-00 | Stored | Lost Communication with Forward Facing Camera-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |

|                            |       |       |
|----------------------------|-------|-------|
| Occurrence flag            | ERROR |       |
| Original Odometer Value    | 805   | miles |
| Most Recent Odometer Value | 805   | miles |
| Frequency Counter          | 1     |       |
| Ignition Cycle Counter     | 7     |       |

**LBSS | U0140-00 | Stored | Lost Communication With Body Control Module-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 01         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 775        | miles |
| Most Recent Odometer Value              | 805        | miles |
| Frequency Counter                       | 59         |       |
| Operation Cycle Counter                 | 6          |       |

**RBSS | U0140-00 | Stored | Lost Communication With Body Control Module-**

| NAME                                        | VALUE      | UNITS |
|---------------------------------------------|------------|-------|
| DTC                                         | C1 40 00   |       |
| Test Failed                                 | False      |       |
| Test Failed This Operation Cycle            | False      |       |
| Pending DTC                                 | False      |       |
| Confirmed DTC                               | True       |       |
| Test Not Completed Since Last Clear         | False      |       |
| Test Failed Since Last Clear                | True       |       |
| Test Not Completed This Operation Cycle     | False      |       |
| Warning Indicator Requested                 | False      |       |
| DTC Extended Data Record Number - All       | 01         |       |
| Occurrence flag                             | Occurrence |       |
| Original Odometer Value                     | 775        | miles |
| Most Recent Odometer Value                  | 805        | miles |
| Frequency Counter                           | 59         |       |
| Operation Cycle Counter                     | 6          |       |
| DTC Extended Data Record Number - Record #2 | 02         |       |
| Vehicle Line                                | Correct    |       |
| Vehicle Config Stat                         | OK         |       |
| Model Year                                  | Correct    |       |

|                            |         |  |
|----------------------------|---------|--|
| Country Code               | Correct |  |
| BSS Desired Operating Mode | Init    |  |
| BSS Current Operating Mode | BSM     |  |

**BPCM | U0151-00 | Stored | Lost Communication with Occupant Restraint Controller (ORC)-**

| NAME                                                           | VALUE                  | UNITS   |
|----------------------------------------------------------------|------------------------|---------|
| Frequency Counter                                              | 2                      |         |
| Ignition Cycle Counter                                         | 2                      |         |
| FoM - for this DTC (lifetime fails)                            | 8                      | events  |
| FoM - for this DTC (lifetime fails counts on pass)             | 0.0000                 | seconds |
| FoM - for this DTC (lifetime longest fail on pass)             | 0.000                  | seconds |
| Battery Total Time Awake                                       | 7260467                | seconds |
| Key in Ignition                                                | Key_Def                |         |
| Key Position                                                   | Ign_ Start             |         |
| EPT -WakeUp                                                    | Sourced                |         |
| HCP Contactor Command                                          | Closed                 |         |
| Qualified Contactor Command - QCC                              | Closed                 |         |
| Verified Contactor Command - VCC                               | Closed Restricted      |         |
| Contactor Status                                               | Closed                 |         |
| Plug in Status                                                 | Not plugged in         |         |
| ChargingLevel                                                  | Plug in, but no charge |         |
| Balance Mode                                                   | False                  |         |
| Battery in Periodic wake up (Just battery ) at time of Fault   | False                  |         |
| Battery in Periodic wake up (Wake up vehicle) at time of Fault | False                  |         |
| Vehicle mileage at time of fault (ODO signal in \$3D2)         | 807.94                 | miles   |
| Battery Lifetime Miles                                         | 667AC4                 | miles   |
| Vehicle Speed                                                  | 0.0                    | MPH     |
| System (12) Volts at time of fault                             | 12.400                 | Volts   |
| Battery Lifetime AmpHrs of Charge                              | 576.5                  | AHr     |
| Battery Lifetime AmpHrs of DisCharge                           | 562.7                  | AHr     |
| SOC at time of Fault                                           | 58.4                   | %       |
| Power Up SOC at time of Fault                                  | 74.5                   | %       |
| HVIL Status -Vehicle                                           | PASS                   |         |
| HVIL Status - Battery pack                                     | PASS                   |         |
| HVIL PWM Duty Cycle - Vehicle                                  | 50.2                   | %       |
| HVIL PWM Frequency - Vehicle                                   | 87.9                   | Hz      |
| HVIL PWM peak voltage Sourced - Vehicle                        | 11.219                 | Volts   |
| HVIL PWM peak voltage Sensed - Vehicle                         | 11.173                 | Volts   |
| HVIL Source Voltage- Battery                                   | 1.392                  | Volts   |
| HVIL Returned current - Battery                                | 30.60                  | mA      |
| HV Battery Current Sensor 1 Hall High                          | -0.60                  | Amps    |
| HV Battery Current Sensor 2 Hall Low                           | 0.20                   | Amps    |
| HV Battery Current HVBatCrnt                                   | 0.25                   | Amps    |
| HV Cooling Speed Pump 1 Target                                 | 0                      | rpm     |

|                                                                  |        |         |
|------------------------------------------------------------------|--------|---------|
| HV Cooling Speed pump 1 Speed                                    | 0      | rpm     |
| Charge indicator Temp                                            | 99     | °F      |
| BPCM temperature max                                             | 99     | °F      |
| BPCM temperature min                                             | 97     | °F      |
| Pump - Wire Open\Short to Gnd                                    | PASS   |         |
| Pump - Dry Run Detection                                         | PASS   |         |
| Pump - Overcurrent                                               | PASS   |         |
| Pump - Overtemperature                                           | PASS   |         |
| Pump - Switch Power Shorted                                      | PASS   |         |
| Isolation Circuitry Va                                           | 2.498  | Volts   |
| Isolation Circuitry Vb                                           | 2.452  | Volts   |
| Isolation Circuitry Vd                                           | 0.000  | Volts   |
| WC and Circuitry 2.5V Reference Voltage                          | 2.501  | Volts   |
| WC and Circuitry Vcc Voltage                                     | 5.014  | Volts   |
| WC and CircuitryISO 8V Reference Voltage                         | 7.976  | Volts   |
| WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage | 0.4    | Volts   |
| Cycles left to self heal                                         | 40     | No Unit |
| Fault trigger level 1                                            | False  |         |
| Fault trigger level 2                                            | False  |         |
| Fault trigger level 3                                            | False  |         |
| Fault Path                                                       | 01     |         |
| HV Battery Charge Power 2sec                                     | 98934  | watts   |
| HV Battery Charge Power 10sec                                    | 97407  | watts   |
| HV Battery Discharge Power 2sec                                  | 98919  | watts   |
| HV Battery Discharge Power 10sec                                 | 97059  | watts   |
| HV Battery Power                                                 | 00753A | watts   |
| Key - DriveRdy (CAN)                                             | True   |         |
| Battery Lifetime Number Of Closes                                | 223    |         |
| Battery Full AmpHr Capacity                                      | 49     | AmpHrs  |
| Cell Impedance Max Discharge                                     | 0      | mOhms   |
| Cell Impedance Mim Discharge                                     | 0      | mOhms   |
| Battery Cell Voltage Maximum                                     | 3716   | mV      |
| Battery Cell Voltage Minimum                                     | 3702   | mV      |
| Battery Cell Voltage Average                                     | 3707   | mV      |
| Battery Cell Highest Cell number                                 | 31     |         |
| Battery Cell Lowest Cell number                                  | 14     |         |
| HV Battery Voltage (cell sum)                                    | 355.90 | Volts   |
| HV Battery Voltage (Module Sum)                                  | 355.50 | Volts   |
| HV Sensor A Pack Voltage                                         | 355.80 | Volts   |
| HV Sensor B Bus\Link (Pre-Fuse) Voltage                          | 355.80 | Volts   |
| HV Sensor C OBCM (HVOBC Fuse) Voltage                            | 355.80 | Volts   |
| HV Sensor D Heater (HVHTR Fuse) Voltage                          | 355.80 | Volts   |
| HV Sensor G Weld Contactor(Pack Negative) Voltage                | 0.4    | Volts   |
| Battery Temperature Maximum Module                               | 99     | °F      |

|                                               |                         |           |
|-----------------------------------------------|-------------------------|-----------|
| Battery Temperature Minimum Module            | 97                      | °F        |
| Battery Temperature Average Module            | 97                      | °F        |
| Battery Temperature Highest Sensor number     | 01                      |           |
| Battery Temperature Lowest Sensor number      | 03                      |           |
| Battery Temperature Number of Failing Sensors | 00                      |           |
| HV Cooling Pump Relay Drive                   | Not Sourced             |           |
| HV Cooling Battery coolant inlet temp         | 84                      | °F        |
| HV Cooling Battery coolant outlet temp        | 86                      | °F        |
| HV Cooling OBCM temp inlet Temp               | 127                     | °F        |
| Pump - Battery Coolant Level Low              | False                   |           |
| Isolation Vehicle Diagnostic Status           | Run and Passed          |           |
| Isolation Vehicle Impedance                   | 7.5005                  | Mega Ohms |
| Isolation Battery Diagnostic Status           | Run and Passed          |           |
| Isolation Battery Impedance                   | 0.8480                  | Mega Ohms |
| HV Bat SOH-R                                  | 0.8                     | %         |
| HV Bat SOH-C                                  | 94.1                    | %         |
| BPCM Sec Asic Reset Req                       | Not active              |           |
| BPCM Sec QA Error Counter                     | 0                       | cnts      |
| BPCM Sec MM Hw Reset Error Counter            | 0                       | cnts      |
| BPCM Sec Asic Fault Input                     | Not active              |           |
| BPCM Sec CC Path Test Active                  | Not active              |           |
| BPCM L2 General Monitoring Flt Rsn            | L2L1_CELL_MAX_V_CMP_FLT |           |
| BPCM L2 CC Path Test Req                      | Undetermined            |           |
| BPCM L2 Contactor Dslb Req                    | Undetermined            |           |
| BPCM L2 ASIC Diagnostic Flt Rsn               | ADCTest                 |           |
| BPCM Sec HW Timer Status                      | Not active              |           |
| BPCM Sec Contactor State                      | Close                   |           |
| BPCM Main HW Timer Status                     | Not active              |           |
| BPCM Sec Asic Fault State                     | NOTASSERTED             |           |
| BPCM L2 SM Hw Reset Error Counter             | 0                       | No Unit   |
| Engine Speed                                  | 0                       | rpm       |
| Accelerator position                          | 7.5                     | %         |
| Real time clock                               | 429496.7295             | seconds   |
| Real time clock-OS Task Delay Timer           | 1                       |           |
| Real Time Clock Validity                      | True                    |           |
| DTC                                           | C1 51 00                |           |
| Test Failed                                   | False                   |           |
| Test Failed This Operation Cycle              | False                   |           |
| Pending DTC                                   | False                   |           |
| Confirmed DTC                                 | True                    |           |
| Test Not Completed Since Last Clear           | False                   |           |
| Test Failed Since Last Clear                  | True                    |           |
| Test Not Completed This Operation Cycle       | False                   |           |
| Warning Indicator Requested                   | False                   |           |

|                                       |       |       |
|---------------------------------------|-------|-------|
| DTC Extended Data Record Number - All | 01    |       |
| Occurrence flag                       | ERROR |       |
| Original Odometer Value               | 805   | miles |
| Most Recent Odometer Value            | 805   | miles |
| DTC Extended Data Record Number - 2   | A7    |       |

#### BPCM | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

| NAME                                                           | VALUE                  | UNITS   |
|----------------------------------------------------------------|------------------------|---------|
| Frequency Counter                                              | 3                      |         |
| Ignition Cycle Counter                                         | 2                      |         |
| FoM - for this DTC (lifetime fails)                            | 11                     | events  |
| FoM - for this DTC (lifetime fails counts on pass)             | 0.0000                 | seconds |
| FoM - for this DTC (lifetime longest fail on pass)             | 0.000                  | seconds |
| Battery Total Time Awake                                       | 7260354                | seconds |
| Key in Ignition                                                | Key_Def                |         |
| Key Position                                                   | Ign_Run                |         |
| EPT -WakeUp                                                    | Sourced                |         |
| HCP Contactor Command                                          | Open                   |         |
| Qualified Contactor Command - QCC                              | Open                   |         |
| Verified Contactor Command - VCC                               | Open                   |         |
| Contactor Status                                               | Open                   |         |
| Plug in Status                                                 | Not plugged in         |         |
| ChargingLevel                                                  | Plug in, but no charge |         |
| Balance Mode                                                   | False                  |         |
| Battery in Periodic wake up (Just battery ) at time of Fault   | False                  |         |
| Battery in Periodic wake up (Wake up vehicle) at time of Fault | False                  |         |
| Vehicle mileage at time of fault (ODO signal in \$3D2)         | 807.94                 | miles   |
| Battery Lifetime Miles                                         | 667AC4                 | miles   |
| Vehicle Speed                                                  | 0.0                    | MPH     |
| System (12) Volts at time of fault                             | 12.340                 | Volts   |
| Battery Lifetime AmpHrs of Charge                              | 576.5                  | AHr     |
| Battery Lifetime AmpHrs of DisCharge                           | 562.7                  | AHr     |
| SOC at time of Fault                                           | 58.4                   | %       |
| Power Up SOC at time of Fault                                  | 74.5                   | %       |
| HVIL Status -Vehicle                                           | PASS                   |         |
| HVIL Status - Battery pack                                     | PASS                   |         |
| HVIL PWM Duty Cycle - Vehicle                                  | 50.2                   | %       |
| HVIL PWM Frequency - Vehicle                                   | 87.9                   | Hz      |
| HVIL PWM peak voltage Sourced - Vehicle                        | 11.152                 | Volts   |
| HVIL PWM peak voltage Sensed - Vehicle                         | 11.102                 | Volts   |
| HVIL Source Voltage- Battery                                   | 1.392                  | Volts   |
| HVIL Returned current - Battery                                | 30.70                  | mA      |
| HV Battery Current Sensor 1 Hall High                          | -0.60                  | Amps    |
| HV Battery Current Sensor 2 Hall Low                           | -0.05                  | Amps    |

|                                                                  |        |         |
|------------------------------------------------------------------|--------|---------|
| HV Battery Current HVBatCrnt                                     | 0.00   | Amps    |
| HV Cooling Speed Pump 1 Target                                   | 2375   | rpm     |
| HV Cooling Speed pump 1 Speed                                    | 2500   | rpm     |
| Charge indicator Temp                                            | 99     | °F      |
| BPCM temperature max                                             | 99     | °F      |
| BPCM temperature min                                             | 97     | °F      |
| Pump - Wire Open\Short to Gnd                                    | PASS   |         |
| Pump - Dry Run Detection                                         | PASS   |         |
| Pump - Overcurrent                                               | PASS   |         |
| Pump - Overtemperature                                           | PASS   |         |
| Pump - Switch Power Shorted                                      | PASS   |         |
| Isolation Circuitry Va                                           | 2.500  | Volts   |
| Isolation Circuitry Vb                                           | 2.501  | Volts   |
| Isolation Circuitry Vd                                           | 0.000  | Volts   |
| WC and Circuitry 2.5V Reference Voltage                          | 2.501  | Volts   |
| WC and Circuitry Vcc Voltage                                     | 5.014  | Volts   |
| WC and CircuitryISO 8V Reference Voltage                         | 7.976  | Volts   |
| WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage | -21.8  | Volts   |
| Cycles left to self heal                                         | 40     | No Unit |
| Fault trigger level 1                                            | False  |         |
| Fault trigger level 2                                            | False  |         |
| Fault trigger level 3                                            | False  |         |
| Fault Path                                                       | 01     |         |
| HV Battery Charge Power 2sec                                     | 99009  | watts   |
| HV Battery Charge Power 10sec                                    | 97482  | watts   |
| HV Battery Discharge Power 2sec                                  | 98988  | watts   |
| HV Battery Discharge Power 10sec                                 | 97134  | watts   |
| HV Battery Power                                                 | 007530 | watts   |
| Key - DriveRdy (CAN)                                             | True   |         |
| Battery Lifetime Number Of Closes                                | 222    |         |
| Battery Full AmpHr Capacity                                      | 49     | AmpHrs  |
| Cell Impedance Max Discharge                                     | 0      | mOhms   |
| Cell Impedance Mim Discharge                                     | 0      | mOhms   |
| Battery Cell Voltage Maximum                                     | 3707   | mV      |
| Battery Cell Voltage Minimum                                     | 3693   | mV      |
| Battery Cell Voltage Average                                     | 3698   | mV      |
| Battery Cell Highest Cell number                                 | 31     |         |
| Battery Cell Lowest Cell number                                  | 14     |         |
| HV Battery Voltage (cell sum)                                    | 355.00 | Volts   |
| HV Battery Voltage (Module Sum)                                  | 354.60 | Volts   |
| HV Sensor A Pack Voltage                                         | 354.90 | Volts   |
| HV Sensor B Bus\Link (Pre-Fuse) Voltage                          | 8.50   | Volts   |
| HV Sensor C OBCM (HVOBC Fuse) Voltage                            | 8.30   | Volts   |
| HV Sensor D Heater (HVHTR Fuse) Voltage                          | 8.20   | Volts   |

|                                                   |                         |           |
|---------------------------------------------------|-------------------------|-----------|
| HV Sensor G Weld Contactor(Pack Negative) Voltage | -21.8                   | Volts     |
| Battery Temperature Maximum Module                | 99                      | °F        |
| Battery Temperature Minimum Module                | 97                      | °F        |
| Battery Temperature Average Module                | 99                      | °F        |
| Battery Temperature Highest Sensor number         | 01                      |           |
| Battery Temperature Lowest Sensor number          | 03                      |           |
| Battery Temperature Number of Failing Sensors     | 00                      |           |
| HV Cooling Pump Relay Drive                       | Not Sourced             |           |
| HV Cooling Battery coolant inlet temp             | 82                      | °F        |
| HV Cooling Battery coolant outlet temp            | 86                      | °F        |
| HV Cooling OBCM temp inlet Temp                   | 127                     | °F        |
| Pump - Battery Coolant Level Low                  | False                   |           |
| Isolation Vehicle Diagnostic Status               | Run and Passed          |           |
| Isolation Vehicle Impedance                       | 7.5005                  | Mega Ohms |
| Isolation Battery Diagnostic Status               | Run and Passed          |           |
| Isolation Battery Impedance                       | 0.8480                  | Mega Ohms |
| HV Bat SOH-R                                      | 0.8                     | %         |
| HV Bat SOH-C                                      | 94.1                    | %         |
| BPCM Sec Asic Reset Req                           | Not active              |           |
| BPCM Sec QA Error Counter                         | 0                       | cnts      |
| BPCM Sec MM Hw Reset Error Counter                | 0                       | cnts      |
| BPCM Sec Asic Fault Input                         | Not active              |           |
| BPCM Sec CC Path Test Active                      | Not active              |           |
| BPCM L2 General Monitoring Flt Rsn                | L2L1_CELL_MAX_V_CMP_FLT |           |
| BPCM L2 CC Path Test Req                          | Undetermined            |           |
| BPCM L2 Contactor Dslb Req                        | Undetermined            |           |
| BPCM L2 ASIC Diagnostic Flt Rsn                   | ADCTest                 |           |
| BPCM Sec HW Timer Status                          | Not active              |           |
| BPCM Sec Contactor State                          | Open                    |           |
| BPCM Main HW Timer Status                         | Not active              |           |
| BPCM Sec Asic Fault State                         | NOTASSERTED             |           |
| BPCM L2 SM Hw Reset Error Counter                 | 0                       | No Unit   |
| Engine Speed                                      | 0                       | rpm       |
| Accelerator position                              | 7.5                     | %         |
| Real time clock                                   | 429496.7295             | seconds   |
| Real time clock-OS Task Delay Timer               | 1                       |           |
| Real Time Clock Validity                          | True                    |           |
| DTC                                               | C1 00 00                |           |
| Test Failed                                       | False                   |           |
| Test Failed This Operation Cycle                  | False                   |           |
| Pending DTC                                       | False                   |           |
| Confirmed DTC                                     | True                    |           |
| Test Not Completed Since Last Clear               | False                   |           |
| Test Failed Since Last Clear                      | True                    |           |

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 805   | miles |
| Most Recent Odometer Value              | 805   | miles |
| DTC Extended Data Record Number - 2     | A6    |       |

#### HCP | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

| NAME                                    | VALUE            | UNITS  |
|-----------------------------------------|------------------|--------|
| DTC                                     | C1 00 00         |        |
| Test Failed                             | False            |        |
| Test Failed This Operation Cycle        | False            |        |
| Pending DTC                             | False            |        |
| Confirmed DTC                           | True             |        |
| Test Not Completed Since Last Clear     | False            |        |
| Test Failed Since Last Clear            | True             |        |
| Test Not Completed This Operation Cycle | False            |        |
| Warning Indicator Requested             | False            |        |
| Occurrence flag                         | Occurrence       |        |
| Original Odometer Value                 | 808.0            | miles  |
| Most Recent Odometer Value              | 808.0            | miles  |
| Frequency Counter                       | 8                |        |
| Ignition Cycle Counter                  | 0                |        |
| Real time clock                         | 7260466          | sec    |
| RAM stamps keyOn                        | 1260             | sec    |
| RAM Stamps                              | 5570             | Min    |
| Accelerator Pedal Position              | 0                | %      |
| Brake Switch Status                     | Not Applied      |        |
| Engine Speed                            | 0                | rpm    |
| HV Battery SOC                          | 58               | %      |
| Ignition State                          | Ignition Off/ACC |        |
| PRND Position Display                   | P                |        |
| Propulsion System Active                | False            |        |
| Vehicle Speed                           | 0.0000           | MPH    |
| Motor A Temp Sensor                     | 158              | °F     |
| Motor B Temp Sensor                     | 178              | °F     |
| Barometric Pressure                     | 15               | PSI    |
| Engine Coolant Temperature              | 176              | °F     |
| Internal EPS Voltage Sense A            | 8.136            | Volts  |
| Internal EPS Voltage Sense B            | 8.064            | Volts  |
| Motor A Torque                          | 0.000            | Ft-Lbs |
| Motor B Torque                          | 0.000            | Ft-Lbs |
| Actual Torque - Motor A                 | 0.000            | Ft-Lbs |

|                                         |                          |        |
|-----------------------------------------|--------------------------|--------|
| Actual Torque - Motor B                 | 0.000                    | Ft-Lbs |
| Available Motor Torque - Motor A        | 87.205                   | Ft-Lbs |
| Available Motor Torque - Motor B        | 232.393                  | Ft-Lbs |
| Available Regen Torque - Motor A        | -87.205                  | Ft-Lbs |
| Available Regen Torque - Motor B        | -232.393                 | Ft-Lbs |
| Commanded Torque - Motor A              | 0.000                    | Ft-Lbs |
| Commanded Torque - Motor B              | 0.000                    | Ft-Lbs |
| Motor A - Inverter Current - phase A    | 0                        | AMP    |
| Motor A - Inverter Current - phase B    | -4                       | AMP    |
| Motor A - Inverter Current - phase C    | 0                        | AMP    |
| Motor B - Inverter Current - phase A    | -4                       | AMP    |
| Motor B - Inverter Current - phase B    | -4                       | AMP    |
| Motor B - Inverter Current - phase C    | -4                       | AMP    |
| Motor B Resolver Angle                  | 124                      | Degree |
| Motor A Resolver Angle                  | 222                      | Degree |
| Electric Motor A Speed                  | 0.5                      | rpm    |
| Electric Motor B Speed                  | 1.0                      | rpm    |
| PIM DC Link Voltage - A                 | 358                      | Volts  |
| PIM DC Link Voltage - B                 | 360                      | Volts  |
| HCP ePT Wake-Up Output                  | On                       |        |
| CBC Wake-Up Input                       | Off                      |        |
| HCP System Shutdown Command             | Default                  |        |
| HV Battery Voltage from BPCM            | 358.60                   | Volts  |
| SW Build Release Version                | PIM_21C_2107B0_RU_HCP___ |        |
| HCP SW Version                          | 21C                      |        |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |        |
| HV Contactor Status                     | Closed                   |        |
| APM Status                              | Idle                     |        |
| Impact Event                            | False                    |        |
| Outside Air Temperature                 | 118.4                    | °F     |
| OBCM Operating Mode                     | UTC                      |        |
| J1772 Prox Detected State               | Prox Out                 |        |
| HV Battery Sleep Time                   | 0                        | Days   |
| Battery Feed Voltage 1 Sense            | 12.384                   | Volts  |
| Battery Feed Voltage 2 Sense            | 12.312                   | Volts  |
| Battery Feed Voltage 3 Sense            | 12.384                   | Volts  |
| Hybrid System State                     | Inverters Enabled        |        |
| Inverter A IGBT Temperature for phase A | 131                      | °F     |
| Inverter A IGBT Temperature for phase B | 129                      | °F     |
| Inverter A IGBT Temperature for phase C | 131                      | °F     |
| Inverter B IGBT Temperature for phase A | 129                      | °F     |
| Inverter B IGBT Temperature for phase B | 129                      | °F     |
| Inverter B IGBT Temperature for phase C | 131                      | °F     |
| PHEV Charging Status                    | No Charging              |        |

|                                  |      |         |
|----------------------------------|------|---------|
| Distance Travelled with Light ON | 0    | miles   |
| GPS Date - Year                  | 2022 | Year    |
| GPS Date - Month                 | 6    |         |
| GPS Date - Day                   | 27   | Days    |
| UTC Time - Hours                 | 22   | Hours   |
| UTC Time - Minutes               | 45   |         |
| UTC Time - Seconds               | 0    | seconds |
| ECU Time - Milliseconds          | 275  | ms      |

#### HCP | U0151-00 | Stored | Lost Communication with Occupant Restraint Controller (ORC)-

| NAME                                    | VALUE            | UNITS  |
|-----------------------------------------|------------------|--------|
| DTC                                     | C1 51 00         |        |
| Test Failed                             | False            |        |
| Test Failed This Operation Cycle        | False            |        |
| Pending DTC                             | False            |        |
| Confirmed DTC                           | True             |        |
| Test Not Completed Since Last Clear     | False            |        |
| Test Failed Since Last Clear            | True             |        |
| Test Not Completed This Operation Cycle | False            |        |
| Warning Indicator Requested             | False            |        |
| Occurrence flag                         | Occurrence       |        |
| Original Odometer Value                 | 808.0            | miles  |
| Most Recent Odometer Value              | 808.0            | miles  |
| Frequency Counter                       | 3                |        |
| Ignition Cycle Counter                  | 0                |        |
| Real time clock                         | 7260472          | sec    |
| RAM stamps keyOn                        | 1260             | sec    |
| RAM Stamps                              | 5571             | Min    |
| Accelerator Pedal Position              | 0                | %      |
| Brake Switch Status                     | Not Applied      |        |
| Engine Speed                            | 0                | rpm    |
| HV Battery SOC                          | 58               | %      |
| Ignition State                          | Ignition Off/ACC |        |
| PRND Position Display                   | P                |        |
| Propulsion System Active                | False            |        |
| Vehicle Speed                           | 0.0000           | MPH    |
| Motor A Temp Sensor                     | 158              | °F     |
| Motor B Temp Sensor                     | 178              | °F     |
| Barometric Pressure                     | 15               | PSI    |
| Engine Coolant Temperature              | 176              | °F     |
| Internal EPS Voltage Sense A            | 8.136            | Volts  |
| Internal EPS Voltage Sense B            | 8.064            | Volts  |
| Motor A Torque                          | 0.000            | Ft-Lbs |
| Motor B Torque                          | 0.000            | Ft-Lbs |

|                                         |                         |        |
|-----------------------------------------|-------------------------|--------|
| Actual Torque - Motor A                 | 0.000                   | Ft-Lbs |
| Actual Torque - Motor B                 | 0.000                   | Ft-Lbs |
| Available Motor Torque - Motor A        | 87.205                  | Ft-Lbs |
| Available Motor Torque - Motor B        | 232.393                 | Ft-Lbs |
| Available Regen Torque - Motor A        | -87.205                 | Ft-Lbs |
| Available Regen Torque - Motor B        | -232.393                | Ft-Lbs |
| Commanded Torque - Motor A              | 0.000                   | Ft-Lbs |
| Commanded Torque - Motor B              | 0.000                   | Ft-Lbs |
| Motor A - Inverter Current - phase A    | -4                      | AMP    |
| Motor A - Inverter Current - phase B    | -4                      | AMP    |
| Motor A - Inverter Current - phase C    | -4                      | AMP    |
| Motor B - Inverter Current - phase A    | 0                       | AMP    |
| Motor B - Inverter Current - phase B    | -4                      | AMP    |
| Motor B - Inverter Current - phase C    | 0                       | AMP    |
| Motor B Resolver Angle                  | 124                     | Degree |
| Motor A Resolver Angle                  | 224                     | Degree |
| Electric Motor A Speed                  | 1.5                     | rpm    |
| Electric Motor B Speed                  | 1.0                     | rpm    |
| PIM DC Link Voltage - A                 | 358                     | Volts  |
| PIM DC Link Voltage - B                 | 360                     | Volts  |
| HCP ePT Wake-Up Output                  | On                      |        |
| CBC Wake-Up Input                       | On                      |        |
| HCP System Shutdown Command             | Default                 |        |
| HV Battery Voltage from BPCM            | 358.60                  | Volts  |
| SW Build Release Version                | PIM_21C_2107B0_RU_HCP__ |        |
| HCP SW Version                          | 21C                     |        |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic   |        |
| HV Contactor Status                     | Closed                  |        |
| APM Status                              | Idle                    |        |
| Impact Event                            | False                   |        |
| Outside Air Temperature                 | 118.4                   | °F     |
| OBCM Operating Mode                     | UTC                     |        |
| J1772 Prox Detected State               | Prox Out                |        |
| HV Battery Sleep Time                   | 0                       | Days   |
| Battery Feed Voltage 1 Sense            | 12.384                  | Volts  |
| Battery Feed Voltage 2 Sense            | 12.312                  | Volts  |
| Battery Feed Voltage 3 Sense            | 12.384                  | Volts  |
| Hybrid System State                     | Inverters Enabled       |        |
| Inverter A IGBT Temperature for phase A | 133                     | °F     |
| Inverter A IGBT Temperature for phase B | 131                     | °F     |
| Inverter A IGBT Temperature for phase C | 131                     | °F     |
| Inverter B IGBT Temperature for phase A | 131                     | °F     |
| Inverter B IGBT Temperature for phase B | 131                     | °F     |
| Inverter B IGBT Temperature for phase C | 131                     | °F     |

|                                  |             |         |
|----------------------------------|-------------|---------|
| PHEV Charging Status             | No Charging |         |
| Distance Travelled with Light ON | 0           | miles   |
| GPS Date - Year                  | 2022        | Year    |
| GPS Date - Month                 | 6           |         |
| GPS Date - Day                   | 27          | Days    |
| UTC Time - Hours                 | 22          | Hours   |
| UTC Time - Minutes               | 45          |         |
| UTC Time - Seconds               | 0           | seconds |
| ECU Time - Milliseconds          | 375         | ms      |

#### HCP | U1818-00 | Stored | Lost Communication With ECM/PCM on D-PT CAN-

| NAME                                    | VALUE       | UNITS  |
|-----------------------------------------|-------------|--------|
| DTC                                     | D8 18 00    |        |
| Test Failed                             | False       |        |
| Test Failed This Operation Cycle        | False       |        |
| Pending DTC                             | False       |        |
| Confirmed DTC                           | True        |        |
| Test Not Completed Since Last Clear     | False       |        |
| Test Failed Since Last Clear            | True        |        |
| Test Not Completed This Operation Cycle | False       |        |
| Warning Indicator Requested             | False       |        |
| Occurrence flag                         | Occurrence  |        |
| Original Odometer Value                 | 808.0       | miles  |
| Most Recent Odometer Value              | 808.0       | miles  |
| Frequency Counter                       | 1           |        |
| Ignition Cycle Counter                  | 0           |        |
| Real time clock                         | 7260354     | sec    |
| RAM stamps keyOn                        | 1140        | sec    |
| RAM Stamps                              | 5569        | Min    |
| Accelerator Pedal Position              | 0           | %      |
| Brake Switch Status                     | Not Applied |        |
| Engine Speed                            | 0           | rpm    |
| HV Battery SOC                          | 59          | %      |
| Ignition State                          | Reserved    |        |
| PRND Position Display                   | N           |        |
| Propulsion System Active                | False       |        |
| Vehicle Speed                           | 0.0000      | MPH    |
| Motor A Temp Sensor                     | 147         | °F     |
| Motor B Temp Sensor                     | 171         | °F     |
| Barometric Pressure                     | 15          | PSI    |
| Engine Coolant Temperature              | 176         | °F     |
| Internal EPS Voltage Sense A            | 3.744       | Volts  |
| Internal EPS Voltage Sense B            | 1.728       | Volts  |
| Motor A Torque                          | 0.000       | Ft-Lbs |

|                                         |                           |        |
|-----------------------------------------|---------------------------|--------|
| Motor B Torque                          | 0.000                     | Ft-Lbs |
| Actual Torque - Motor A                 | 0.000                     | Ft-Lbs |
| Actual Torque - Motor B                 | 0.000                     | Ft-Lbs |
| Available Motor Torque - Motor A        | 87.205                    | Ft-Lbs |
| Available Motor Torque - Motor B        | 232.301                   | 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 |
| Commanded Torque - Motor B              | 0.000                     | Ft-Lbs |
| Motor A - Inverter Current - phase A    | -4                        | AMP    |
| Motor A - Inverter Current - phase B    | -4                        | AMP    |
| Motor A - Inverter Current - phase C    | -4                        | AMP    |
| Motor B - Inverter Current - phase A    | -4                        | AMP    |
| Motor B - Inverter Current - phase B    | -4                        | AMP    |
| Motor B - Inverter Current - phase C    | -4                        | AMP    |
| Motor B Resolver Angle                  | 244                       | Degree |
| Motor A Resolver Angle                  | 140                       | Degree |
| Electric Motor A Speed                  | 0.5                       | rpm    |
| Electric Motor B Speed                  | 0.0                       | rpm    |
| PIM DC Link Voltage - A                 | 7                         | Volts  |
| PIM DC Link Voltage - B                 | 7                         | Volts  |
| HCP ePT Wake-Up Output                  | On                        |        |
| CBC Wake-Up Input                       | Off                       |        |
| HCP System Shutdown Command             | Default                   |        |
| HV Battery Voltage from BPCM            | 180.00                    | Volts  |
| SW Build Release Version                | PIM_21C_2107B0_RU_HCP____ |        |
| HCP SW Version                          | 21C                       |        |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic     |        |
| HV Contactor Status                     | Open                      |        |
| APM Status                              | Idle                      |        |
| Impact Event                            | False                     |        |
| Outside Air Temperature                 | 119.3                     | °F     |
| OBCM Operating Mode                     | UTC                       |        |
| J1772 Prox Detected State               | Prox Out                  |        |
| HV Battery Sleep Time                   | 0                         | Days   |
| Battery Feed Voltage 1 Sense            | 12.168                    | Volts  |
| Battery Feed Voltage 2 Sense            | 12.096                    | Volts  |
| Battery Feed Voltage 3 Sense            | 12.168                    | Volts  |
| Hybrid System State                     | SNA                       |        |
| Inverter A IGBT Temperature for phase A | 126                       | °F     |
| Inverter A IGBT Temperature for phase B | 124                       | °F     |
| Inverter A IGBT Temperature for phase C | 126                       | °F     |
| Inverter B IGBT Temperature for phase A | 124                       | °F     |
| Inverter B IGBT Temperature for phase B | 124                       | °F     |

|                                         |             |         |
|-----------------------------------------|-------------|---------|
| Inverter B IGBT Temperature for phase C | 126         | °F      |
| PHEV Charging Status                    | No Charging |         |
| Distance Travelled with Light ON        | 0           | miles   |
| GPS Date - Year                         | 2022        | Year    |
| GPS Date - Month                        | 6           |         |
| GPS Date - Day                          | 27          | Days    |
| UTC Time - Hours                        | 22          | Hours   |
| UTC Time - Minutes                      | 43          |         |
| UTC Time - Seconds                      | 0           | seconds |
| ECU Time - Milliseconds                 | 944         | ms      |

#### HCP | U1830-00 | Stored | Lost Communication with ORC on D-PT-

| NAME                                    | VALUE       | UNITS |
|-----------------------------------------|-------------|-------|
| DTC                                     | D8 30 00    |       |
| Test Failed                             | False       |       |
| Test Failed This Operation Cycle        | False       |       |
| Pending DTC                             | False       |       |
| Confirmed DTC                           | True        |       |
| Test Not Completed Since Last Clear     | False       |       |
| Test Failed Since Last Clear            | True        |       |
| Test Not Completed This Operation Cycle | False       |       |
| Warning Indicator Requested             | False       |       |
| Occurrence flag                         | Occurrence  |       |
| Original Odometer Value                 | 808.0       | miles |
| Most Recent Odometer Value              | 808.0       | miles |
| Frequency Counter                       | 3           |       |
| Ignition Cycle Counter                  | 0           |       |
| Real time clock                         | 7260475     | sec   |
| RAM stamps keyOn                        | 1260        | sec   |
| RAM Stamps                              | 5571        | Min   |
| Accelerator Pedal Position              | 0           | %     |
| Brake Switch Status                     | Not Applied |       |
| Engine Speed                            | 0           | rpm   |
| HV Battery SOC                          | 58          | %     |
| Ignition State                          | Reserved    |       |
| PRND Position Display                   | P           |       |
| Propulsion System Active                | False       |       |
| Vehicle Speed                           | 0.0000      | MPH   |
| Motor A Temp Sensor                     | 158         | °F    |
| Motor B Temp Sensor                     | 178         | °F    |
| Barometric Pressure                     | 15          | PSI   |
| Engine Coolant Temperature              | 176         | °F    |
| Internal EPS Voltage Sense A            | 8.136       | Volts |
| Internal EPS Voltage Sense B            | 8.064       | Volts |

|                                         |                         |        |
|-----------------------------------------|-------------------------|--------|
| Motor A Torque                          | 0.000                   | Ft-Lbs |
| Motor B Torque                          | 0.000                   | Ft-Lbs |
| Actual Torque - Motor A                 | 0.000                   | Ft-Lbs |
| Actual Torque - Motor B                 | 0.000                   | Ft-Lbs |
| Available Motor Torque - Motor A        | 87.205                  | Ft-Lbs |
| Available Motor Torque - Motor B        | 232.393                 | Ft-Lbs |
| Available Regen Torque - Motor A        | -87.205                 | Ft-Lbs |
| Available Regen Torque - Motor B        | -232.393                | Ft-Lbs |
| Commanded Torque - Motor A              | 0.000                   | Ft-Lbs |
| Commanded Torque - Motor B              | 0.000                   | Ft-Lbs |
| Motor A - Inverter Current - phase A    | -4                      | AMP    |
| Motor A - Inverter Current - phase B    | 0                       | AMP    |
| Motor A - Inverter Current - phase C    | -4                      | AMP    |
| Motor B - Inverter Current - phase A    | -4                      | AMP    |
| Motor B - Inverter Current - phase B    | 0                       | AMP    |
| Motor B - Inverter Current - phase C    | -4                      | AMP    |
| Motor B Resolver Angle                  | 124                     | Degree |
| Motor A Resolver Angle                  | 224                     | Degree |
| Electric Motor A Speed                  | 1.0                     | rpm    |
| Electric Motor B Speed                  | 1.0                     | rpm    |
| PIM DC Link Voltage - A                 | 358                     | Volts  |
| PIM DC Link Voltage - B                 | 360                     | Volts  |
| HCP ePT Wake-Up Output                  | On                      |        |
| CBC Wake-Up Input                       | On                      |        |
| HCP System Shutdown Command             | Default                 |        |
| HV Battery Voltage from BPCM            | 358.60                  | Volts  |
| SW Build Release Version                | PIM_21C_2107B0_RU_HCP__ |        |
| HCP SW Version                          | 21C                     |        |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic   |        |
| HV Contactor Status                     | Closed                  |        |
| APM Status                              | Idle                    |        |
| Impact Event                            | False                   |        |
| Outside Air Temperature                 | 118.4                   | °F     |
| OBCM Operating Mode                     | UTC                     |        |
| J1772 Prox Detected State               | Prox Out                |        |
| HV Battery Sleep Time                   | 0                       | Days   |
| Battery Feed Voltage 1 Sense            | 12.456                  | Volts  |
| Battery Feed Voltage 2 Sense            | 12.384                  | Volts  |
| Battery Feed Voltage 3 Sense            | 12.456                  | Volts  |
| Hybrid System State                     | Inverters Enabled       |        |
| Inverter A IGBT Temperature for phase A | 133                     | °F     |
| Inverter A IGBT Temperature for phase B | 131                     | °F     |
| Inverter A IGBT Temperature for phase C | 131                     | °F     |
| Inverter B IGBT Temperature for phase A | 131                     | °F     |

|                                         |             |         |
|-----------------------------------------|-------------|---------|
| Inverter B IGBT Temperature for phase B | 131         | °F      |
| Inverter B IGBT Temperature for phase C | 131         | °F      |
| PHEV Charging Status                    | No Charging |         |
| Distance Travelled with Light ON        | 0           | miles   |
| GPS Date - Year                         | 2022        | Year    |
| GPS Date - Month                        | 6           |         |
| GPS Date - Day                          | 27          | Days    |
| UTC Time - Hours                        | 22          | Hours   |
| UTC Time - Minutes                      | 45          |         |
| UTC Time - Seconds                      | 0           | seconds |
| ECU Time - Milliseconds                 | 650         | ms      |

#### DSM | U0140-00 | Stored | Lost Communication With Body Control Module-

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | C1 40 00   |       |
| Test Failed                             | False      |       |
| Pending DTC                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 01         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 805        | miles |
| Most Recent Odometer Value              | 805        | miles |
| Frequency Counter                       | 1          |       |
| Ignition Cycle Counter                  | 8          |       |

#### EBBM | C211B-00 | Stored | Ignition Run/Start Input-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | 61 1B 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | False    |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| Occurrence flag                         | ERROR    |       |
| Mirror Memory                           | No       |       |
| Undervoltage Suspected                  | No       |       |

|                                    |                                              |       |
|------------------------------------|----------------------------------------------|-------|
| Original Odometer Value            | 805                                          | miles |
| Most Recent Odometer Value         | 805                                          | miles |
| Frequency Counter                  | 2                                            |       |
| Ignition Cycle Counter             | 0                                            |       |
| Fault Time                         | 1299.40                                      | S     |
| Booster Supply                     | 12.2                                         | V     |
| ECU Supply                         | 12.2                                         | V     |
| Ignition                           | 12.2                                         | V     |
| Pedal Travel Sensor Supply         | 5.0                                          | V     |
| iBooster System Mode               | Ready Mode - iBooster is ready for actuation |       |
| Brake Pedal Applied                | brake pedal not applied                      |       |
| iBooster ECU Temperature Channel 1 | 142.0250                                     | °F    |
| iBooster ECU Temperature Channel 2 | 141.1813                                     | °F    |
| iBooster Brake Pedal State         | brake pedal not applied                      |       |
| ESP Master Cylinder Pressure       | 0.00                                         | PSI   |
| Pedal Travel Sensor One            | -0.0624992                                   | mm_   |
| Pedal Travel Sensor Two            | -0.0195310                                   | mm_   |
| iBooster Rotary Position Sensor    | 0.00                                         | Deg   |
| iBooster Output Rod Stroke         | 0.00                                         | mm_   |
| iBooster Input Rod Stroke          | 0.01                                         | mm_   |
| iBooster Boost Body Stroke         | 0.00                                         | mm_   |
| Vehicle Speed                      | 0.00                                         | MPH   |
| Supplier Internal Code             | 140                                          |       |

#### ABSO | C211B-00 | Stored | Ignition Run/Start Input-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | 61 1B 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | False    |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| Occurrence flag                         | ERROR    |       |
| Controller Event                        | No       |       |
| Mirror Memory                           | No       |       |
| Undervoltage Suspected                  | No       |       |
| Original Odometer Value                 | 805      | miles |
| Most Recent Odometer Value              | 805      | miles |
| Frequency Counter                       | 2        |       |
| Ignition Cycle Counter                  | 0        |       |
| Fault Time                              | 1299.40  | S     |

|                                     |                                 |                  |
|-------------------------------------|---------------------------------|------------------|
| Current System Mode                 | Ignition Run                    |                  |
| Previous System Mode                | Ignition Run                    |                  |
| System Condition                    | OK                              |                  |
| Supply Voltage Valves               | 12.2                            | V                |
| Brake Pedal Status                  | Released                        |                  |
| Supply voltage Pump                 | 12.2                            | V                |
| Brake Pedal Travel Sensor Position  | 0                               | %                |
| Ignition Unfiltered                 | 0.0                             | V                |
| Wheel Speed Left Front              | 0.000                           | MPH              |
| Rotation Direction Left Front       | Forward                         |                  |
| Wheel Speed Right Front             | 0.000                           | MPH              |
| Rotation Direction Right Front      | Forward                         |                  |
| Wheel Speed Left Rear               | 0.000                           | MPH              |
| Rotation Direction Left Rear        | Forward                         |                  |
| Wheel Speed Right Rear              | 0.000                           | MPH              |
| Rotation Direction Right Rear       | Forward                         |                  |
| Steering Wheel Angle                | 25.60                           | °                |
| Longitudinal Acceleration           | 0.00                            | m/s <sup>2</sup> |
| Lateral Acceleration                | 0.00                            | m/s <sup>2</sup> |
| Yaw Rate                            | 0.000                           | °/s              |
| Primary Circuit Pressure            | 0.00                            | PSI              |
| Engine Speed                        | 0.0                             | rpm              |
| Accelerator Pedal Position          | 0.0                             | %                |
| ABS control                         | Not active                      |                  |
| ASR control                         | Not active                      |                  |
| MSR control                         | Not active                      |                  |
| EBV control                         | Not active                      |                  |
| ESP Control                         | Not active                      |                  |
| HSA control                         | Not active                      |                  |
| HBA control                         | Not active                      |                  |
| Hold                                | No                              |                  |
| Braking assistance system           | No Assistance System Is Braking |                  |
| Plant Mode                          | No                              |                  |
| EPB Mode Status                     | Static                          |                  |
| BLS High                            | No                              |                  |
| BLS Low                             | Yes                             |                  |
| Park Brake                          | Activated                       |                  |
| ESP-OFF mode                        | No                              |                  |
| Clutch                              | Not Activated                   |                  |
| Stop Coordinator Active             | No                              |                  |
| Actual Gear                         | P                               |                  |
| Transmission selector lever setting | P                               |                  |
| Status Parking Brake Left           | Brake is Fully Applied          |                  |
| Status Parking Brake Right          | Brake is Fully Applied          |                  |

|                        |      |  |
|------------------------|------|--|
| EPB Switch Status      | Idle |  |
| Supplier Internal Code | 330  |  |

IDCM | U0100-00 | Stored |

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

TBM2 | U0452-64 | Stored | Implausible Data Received From Restraints Control Module-Signal Plausibility Failure

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C4 52 64 |       |
| 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       |       |
| Frequency Counter                       | 1        |       |

SNAPSHOT DATA SUMMARY

- No Snapshot Data available for B2101
- No Snapshot Data available for U0100-00
- No Snapshot Data available for B212C-13
- No Snapshot Data available for U0154-00
- No Snapshot Data available for U0100-00
- No Snapshot Data available for U0159-00
- No Snapshot Data available for U1215-00
- No Snapshot Data available for U0422-00
- No Snapshot Data available for U0100-00
- No Snapshot Data available for U0159-00
- No Snapshot Data available for U1215-00
- No Snapshot Data available for U1216-00
- No Snapshot Data available for U151A-87
- No Snapshot Data available for U1514-87
- No Snapshot Data available for U1216-00
- No Snapshot Data available for U0100-00
- No Snapshot Data available for U0159-00

No Snapshot Data available for U1215-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0151-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0151-00

No Snapshot Data available for U1818-00

No Snapshot Data available for U1830-00

No Snapshot Data available for U0140-00

No Snapshot Data available for C211B-00

No Snapshot Data available for C211B-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0452-64