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## VEHICLE SCAN REPORT

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

**Odometer** 29369.7 miles  
**Publication Date** Apr 26, 2022, 1:53:51 PM

## ECU SUMMARY INFO

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

|       |                                    |       |            |        |  |            |
|-------|------------------------------------|-------|------------|--------|--|------------|
| ACC   | Adaptive Cruise Control            | CAN-C | 68417813AF |        |  | 68417813AF |
| RADIO | Radio                              | CAN-I | 68461768AD | 2C4RC1 |  | 68461768AD |
| OCM   | Occupant Classification            | CAN-C | 68403127AA |        |  | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB |        |  | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AB |        |  | 04672786AB |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AB |        |  | 04672786AB |
| FFCM  | Forward Facing Camera Module       | CAN-C | 68493395AA |        |  | 68493395AA |
| EDM   | External Disc Module               | CAN-I | 68378304AB |        |  | 68378304AB |
| APM   | Accessory Power Module             | CAN-C | 05185046AB |        |  | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 05193166AE |        |  | 05193166AE |
| HCP   | Hybrid Control Processor           | CAN-C | 05190265AF |        |  | 05190265AF |
| OBCM  | On Board Charging Module           | CAN-C | 05185047AE |        |  | 05185047AE |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC |        |  | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68316174AC |        |  | 68316174AC |
| VRM   | Video Routing Module               | CAN-I | 68376134AG |        |  | 68376134AG |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 6WL30DX9AA |        |  | 6WL30DX9AA |
| CVPM  | Central vision processing module   | CAN-I | 68375113AB |        |  | 68375113AB |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG |        |  | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05190266AF |        |  | 05190266AF |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68461813AB |        |  | 68461813AB |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68471122AD |        |  | 68471122AD |
| SGW   | Security Gateway Module            | CAN-C | 68447193AB |        |  | 68447193AB |

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

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

|       |           |          |          |      |                                  |
|-------|-----------|----------|----------|------|----------------------------------|
| HVAC  | USA       | 0E 09 00 | 13 05 01 | 4401 |                                  |
| DDM   | USA       | 11 07 00 | 13 0B 00 | 4202 |                                  |
| PDM   | USA       | 11 07 00 | 13 0B 00 | 4202 |                                  |
| DMRL  | USA / USA | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| DMRR  | USA / USA | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| PSDML | USA / USA | 10 17 00 | 14 10 12 | 4001 |                                  |
| PSDMR | USA / USA | 10 17 00 | 14 10 12 | 4001 |                                  |
| MSM   | USA       | 0F 2B 00 | 10 27 03 | 4101 |                                  |
| PLGM  | USA       | 17 19 00 | 18 22 00 | 4202 |                                  |
| CSWM  | USA       | 11 2A 00 | 13 2C 00 | 4302 |                                  |
| AMP   | USA       | 0F 06 01 | 12 2E 01 | 4021 |                                  |
| IPC   | USA / USA | 12 06 00 | 14 0B 00 | 4704 |                                  |
| PTS   | USA       | 0E 32 00 | 12 1F 00 | 4311 |                                  |
| SCCM  | USA       | 13 28 00 | 13 29 00 | 4301 |                                  |
| BCM   | USA       | 0D 11 00 | 14 1B 90 | 4415 |                                  |
| ACC   | USA / USA | 14 12 01 | 14 1D 01 | 4400 |                                  |
| RADIO | USA       | 15 05 11 | 15 05 11 | 8205 |                                  |
| OCM   | USA / USA | 11 1F 01 | 0E 2F 02 | 4030 |                                  |
| HVACR | USA       | 0E 09 00 | 10 03 02 | 4301 |                                  |
| LBSS  | USA / USA | 11 30 02 | 12 0D 00 | 4202 |                                  |
| RBSS  | USA / USA | 11 30 02 | 12 0D 00 | 4202 |                                  |
| FFCM  | USA / USA | 11 06 00 | 13 1E 00 | 4102 |                                  |
| EDM   | USA       | 12 0A 00 | 11 08 00 | 4000 |                                  |
| APM   | USA / USA | 11 32 00 | 11 32 00 | 4001 |                                  |
| BPCM  |           | 0E 03 00 | 14 19 00 | 4005 | 87EC2289                         |
| HCP   | USA       | 11 1F 04 | 19 48 01 | 4005 | 6AE19B37<br>847169A3<br>050DC953 |
| OBCM  | USA       | 0F 0D 00 | 12 02 00 | 4002 |                                  |
| MSMP  | USA       | 0F 2B 00 | 10 27 03 | 4001 |                                  |
| DSM   | USA / USA | 13 29 00 | 12 23 00 | 4000 |                                  |
| VRM   | USA / USA | 0F 1C 00 | 13 26 11 | 4001 |                                  |
| RCCC  | USA       | 0F 1D 00 | 13 04 00 | 4000 |                                  |
| CVPM  | USA / USA | 11 32 01 | 12 33 00 | 4003 |                                  |
| EAC   | USA       | 0E 34 00 | 12 0F 00 | 4102 |                                  |
| AHCP  | USA       | 11 1F 04 | 19 48 01 | 4000 |                                  |
| EBBM  | USA       | 0E 19 02 | 14 0D 18 | 4000 | E5898FA5                         |
| ABSO  | USA       | 0E 15 02 | 14 1B 26 | 4201 | 4F158D1B                         |
| SGW   |           | 5        | 779      | 4103 |                                  |

## DTC SUMMARY

| ECU   | DTC CODE | DTC DESCRIPTION                                                           | STATUS |
|-------|----------|---------------------------------------------------------------------------|--------|
| PLGM  | B188C-11 | Liftgate Control Circuit 1-Circuit Short to Ground                        | Stored |
| RADIO | U0002-00 | CAN C Bus Off Performance-                                                | Stored |
| EDM   | B156D-02 | Low Voltage Differential Signal (LVDS) Video Cable-General Signal Failure | Active |

|     |          |                                                                  |        |
|-----|----------|------------------------------------------------------------------|--------|
| HCP | P0A43-00 | Drive Motor "A" Position Sensor Circuit Intermittent-            | Stored |
| VRM | B14DE-00 | Lost Low Voltage Differential Signal (LVDS) Connection with EDM- | Active |

## ENVIRONMENTAL DATA SUMMARY

### PLGM | B188C-11 | Stored | Liftgate Control Circuit 1-Circuit Short to Ground

| 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                 | 29219 | miles |
| Most Recent Odometer Value              | 29219 | miles |
| Frequency Counter                       | 1     |       |
| Operation Cycle Counter                 | 17    |       |

### RADIO | U0002-00 | Stored | CAN C Bus Off Performance-

| NAME                                     | VALUE      | UNITS |
|------------------------------------------|------------|-------|
| DTCTable                                 | C0 02 00   |       |
| TestFailed                               | False      |       |
| TestFailedThisMonitoringCycle            | False      |       |
| Pending DTC                              | False      |       |
| Confirmed DTC                            | True       |       |
| Test Not Completed This Monitoring Cycle | False      |       |
| Warning Indicator Requested              | False      |       |
| DTCExtendedDataRecordNumber              | FF         |       |
| Occurance Flag                           | Occurrence |       |
| Reserved                                 | Reserved   |       |
| Original Odometer Value                  | 29368      | miles |
| Most Recent Odometer Value               | 29368      | miles |
| Frequency Counter                        | 1          |       |
| Ignition Counter                         | 1          |       |
| RDI \$6080                               | 60 80      |       |
| Event Counter                            | 63         |       |

### EDM | B156D-02 | Active | Low Voltage Differential Signal (LVDS) Video Cable-General Signal Failure

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

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | True  |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | Error |       |
| Original Odometer Value                 | 28772 | miles |
| Most Recent Odometer Value              | 28772 | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 0     |       |

#### HCP | POA43-00 | Stored | Drive Motor "A" Position Sensor Circuit Intermittent-

| NAME                                    | VALUE       | UNITS |
|-----------------------------------------|-------------|-------|
| DTC                                     | 0A 43 00    |       |
| Test Failed                             | False       |       |
| Test Failed This Operation Cycle        | False       |       |
| Pending DTC                             | False       |       |
| Confirmed DTC                           | True        |       |
| Test Not Completed Since Last Clear     | False       |       |
| Test Failed Since Last Clear            | True        |       |
| Test Not Completed This Operation Cycle | False       |       |
| Warning Indicator Requested             | False       |       |
| Occurrence flag                         | Occurrence  |       |
| Original Odometer Value                 | 28931.4     | miles |
| Most Recent Odometer Value              | 29364.9     | miles |
| Frequency Counter                       | 44          |       |
| Ignition Cycle Counter                  | 0           |       |
| Real time clock                         | 48969160    | sec   |
| RAM stamps keyOn                        | 1770        | sec   |
| RAM Stamps                              | 114374      | Min   |
| Accelerator Pedal Position              | 0           | %     |
| Brake Switch Status                     | Not Applied |       |
| PHEV Charging Status                    | No Charging |       |
| Engine Speed                            | 2438        | rpm   |
| HV Battery SOC                          | 26          | %     |
| Ignition State                          | Reserved    |       |
| PRND Position Display                   | D           |       |
| Propulsion System Active                | True        |       |
| Vehicle Speed                           | 74.7976     | MPH   |
| Motor A Temp Sensor                     | 144         | °F    |
| Motor B Temp Sensor                     | 135         | °F    |
| Barometric Pressure                     | 15          | PSI   |

|                                                     |                                |        |
|-----------------------------------------------------|--------------------------------|--------|
| Engine Coolant Temperature                          | 196                            | °F     |
| Motor A Resolver Offset Learn Erase                 | not requested                  |        |
| Motor A Resolver Offset Learning Status Flag        | Applied                        |        |
| Motor B Resolver Offset Learning Status Flag        | Applied                        |        |
| Motor A Resolver Angle Offset                       | 1.60                           | Degree |
| Motor B Resolver Angle Offset                       | 3.60                           | Degree |
| Motor A Resolver Supply Voltage Value               | 15.75                          | Volts  |
| Motor B Resolver Supply Voltage Value               | 15.75                          | Volts  |
| Motor A Resolver to Digital Low Level Driver Faults | Resolver Degradation of Signal |        |
| Motor B Resolver to Digital Low Level Driver Faults | No fault                       |        |
| Battery Feed Voltage 2 Sense                        | 14.760                         | Volts  |
| Internal EPS Voltage Sense A                        | 8.208                          | Volts  |
| Internal EPS Voltage Sense B                        | 8.136                          | Volts  |
| Actual Torque - Motor A                             | -37.242                        | Ft-Lbs |
| Actual Torque - Motor B                             | -5.439                         | Ft-Lbs |
| Available Motor Torque - Motor A                    | 87.205                         | Ft-Lbs |
| Available Motor Torque - Motor B                    | 82.688                         | Ft-Lbs |
| Available Regen Torque - Motor A                    | -87.205                        | Ft-Lbs |
| Available Regen Torque - Motor B                    | -82.688                        | Ft-Lbs |
| Commanded Torque - Motor A                          | -37.426                        | Ft-Lbs |
| Commanded Torque - Motor B                          | -5.162                         | Ft-Lbs |
| Electric Motor A Speed                              | -35.5                          | rpm    |
| Electric Motor B Speed                              | 8239.5                         | rpm    |
| Battery Feed Voltage 1 Sense                        | 14.688                         | Volts  |
| Battery Feed Voltage 3 Sense                        | 14.688                         | Volts  |
| Hybrid System State                                 | Propulsion System Active       |        |
| Motor A - Inverter Current - phase A                | -100                           | AMP    |
| Motor A - Inverter Current - phase B                | 148                            | AMP    |
| Motor A - Inverter Current - phase C                | -56                            | AMP    |
| Motor B - Inverter Current - phase A                | -8                             | AMP    |
| Motor B - Inverter Current - phase B                | 24                             | AMP    |
| Motor B - Inverter Current - phase C                | -20                            | AMP    |
| Outside Air Temperature                             | 41.0                           | °F     |
| HCP ePT Wake-Up Output                              | On                             |        |
| CBC Wake-Up Input                                   | Off                            |        |
| EPT LOC Diag Enable                                 | Enable LOC Diagnostic          |        |
| HV Contactor Status                                 | Closed                         |        |
| HV Battery Voltage from BPCM                        | 343.20                         | Volts  |
| PIM DC Link Voltage - A                             | 342                            | Volts  |
| PIM DC Link Voltage - B                             | 343                            | Volts  |
| Inverter A IGBT Temperature for phase A             | 88                             | °F     |
| Inverter A IGBT Temperature for phase B             | 70                             | °F     |
| Inverter A IGBT Temperature for phase C             | 73                             | °F     |
| Inverter B IGBT Temperature for phase A             | 63                             | °F     |

|                                         |               |         |
|-----------------------------------------|---------------|---------|
| Inverter B IGBT Temperature for phase B | 63            | °F      |
| Inverter B IGBT Temperature for phase C | 63            | °F      |
| APM Status                              | Buck CV       |         |
| Impact Event                            | False         |         |
| HCP System Shutdown Command             | Default       |         |
| Distance Travelled with Light ON        | 78            | miles   |
| Motor A Torque                          | -37.242       | Ft-Lbs  |
| Motor B Torque                          | -5.439        | Ft-Lbs  |
| OBCM Operating Mode                     | UTC           |         |
| J1772 Prox Detected State               | Prox Out      |         |
| HV Battery Sleep Time                   | 0             | Days    |
| Motor B Resolver Offset Learn Erase     | not requested |         |
| GPS Date - Year                         | 0             | Year    |
| GPS Date - Month                        | 1             |         |
| GPS Date - Day                          | 1             | Days    |
| UTC Time - Hours                        | 0             | Hours   |
| UTC Time - Minutes                      | 0             |         |
| UTC Time - Seconds                      | 0             | seconds |
| ECU Time - Milliseconds                 | 0             | ms      |

#### VRM | B14DE-00 | Active | Lost Low Voltage Differential Signal (LVDS) Connection with EDM-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | 94 DE 00 |       |
| Test Failed                             | True     |       |
| Test Failed This Operation Cycle        | True     |       |
| 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                 | 28772    | miles |
| Most Recent Odometer Value              | 29368    | miles |
| Frequency Counter                       | 37       |       |
| Ignition Cycle Counter                  | 0        |       |

### SNAPSHOT DATA SUMMARY

No Snapshot Data available for B188C-11

No Snapshot Data available for U0002-00

No Snapshot Data available for B156D-02

No Snapshot Data available for P0A43-00

No Snapshot Data available for B14DE-00



## VEHICLE SCAN REPORT

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

**Odometer** 28781.2 miles  
**Publication Date** Mar 31, 2022, 12:20:23 PM

## ECU SUMMARY INFO

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

|       |                                    |       |            |        |  |            |
|-------|------------------------------------|-------|------------|--------|--|------------|
| ACC   | Adaptive Cruise Control            | CAN-C | 68417813AF |        |  | 68417813AF |
| RADIO | Radio                              | CAN-I | 68461768AD | 2C4RC1 |  | 68461768AD |
| OCM   | Occupant Classification            | CAN-C | 68403127AA |        |  | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB |        |  | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AB |        |  | 04672786AB |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AB |        |  | 04672786AB |
| FFCM  | Forward Facing Camera Module       | CAN-C | 68493395AA |        |  | 68493395AA |
| EDM   | External Disc Module               | CAN-I | 68378304AB |        |  | 68378304AB |
| APM   | Accessory Power Module             | CAN-C | 05185046AB |        |  | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 05193166AE |        |  | 05193166AE |
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| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC |        |  | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68316174AC |        |  | 68316174AC |
| VRM   | Video Routing Module               | CAN-I | 68376134AG |        |  | 68376134AG |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 6WL30DX9AA |        |  | 6WL30DX9AA |
| CVPM  | Central vision processing module   | CAN-I | 68375113AB |        |  | 68375113AB |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG |        |  | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05190266AF |        |  | 05190266AF |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68461813AB |        |  | 68461813AB |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68471122AD |        |  | 68471122AD |
| SGW   | Security Gateway Module            | CAN-C | 68447193AB |        |  | 68447193AB |

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

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

|       |           |          |          |      |                                  |
|-------|-----------|----------|----------|------|----------------------------------|
| HVAC  | USA       | 0E 09 00 | 13 05 01 | 4401 |                                  |
| DDM   | USA       | 11 07 00 | 13 0B 00 | 4202 |                                  |
| PDM   | USA       | 11 07 00 | 13 0B 00 | 4202 |                                  |
| DMRL  | USA / USA | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| DMRR  | USA / USA | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| PSDML | USA / USA | 10 17 00 | 14 10 12 | 4001 |                                  |
| PSDMR | USA / USA | 10 17 00 | 14 10 12 | 4001 |                                  |
| MSM   | USA       | 0F 2B 00 | 10 27 03 | 4101 |                                  |
| PLGM  | USA       | 17 19 00 | 18 22 00 | 4202 |                                  |
| CSWM  | USA       | 11 2A 00 | 13 2C 00 | 4302 |                                  |
| AMP   | USA       | 0F 06 01 | 12 2E 01 | 4021 |                                  |
| IPC   | USA / USA | 12 06 00 | 14 0B 00 | 4704 |                                  |
| PTS   | USA       | 0E 32 00 | 12 1F 00 | 4311 |                                  |
| SCCM  | USA       | 13 28 00 | 13 29 00 | 4301 |                                  |
| BCM   | USA       | 0D 11 00 | 14 1B 90 | 4415 |                                  |
| ACC   | USA / USA | 14 12 01 | 14 1D 01 | 4400 |                                  |
| RADIO | USA       | 15 05 11 | 15 05 11 | 8205 |                                  |
| OCM   | USA / USA | 11 1F 01 | 0E 2F 02 | 4030 |                                  |
| HVACR | USA       | 0E 09 00 | 10 03 02 | 4301 |                                  |
| LBSS  | USA / USA | 11 30 02 | 12 0D 00 | 4202 |                                  |
| RBSS  | USA / USA | 11 30 02 | 12 0D 00 | 4202 |                                  |
| FFCM  | USA / USA | 11 06 00 | 13 1E 00 | 4102 |                                  |
| EDM   | USA       | 12 0A 00 | 11 08 00 | 4000 |                                  |
| APM   | USA / USA | 11 32 00 | 11 32 00 | 4001 |                                  |
| BPCM  |           | 0E 03 00 | 14 19 00 | 4005 | 87EC2289                         |
| HCP   | USA       | 11 1F 04 | 19 48 01 | 4005 | 6AE19B37<br>847169A3<br>050DC953 |
| OBCM  | USA       | 0F 0D 00 | 12 02 00 | 4002 |                                  |
| MSMP  | USA       | 0F 2B 00 | 10 27 03 | 4001 |                                  |
| DSM   | USA / USA | 13 29 00 | 12 23 00 | 4000 |                                  |
| VRM   | USA / USA | 0F 1C 00 | 13 26 11 | 4001 |                                  |
| RCCC  | USA       | 0F 1D 00 | 13 04 00 | 4000 |                                  |
| CVPM  | USA / USA | 11 32 01 | 12 33 00 | 4003 |                                  |
| EAC   | USA       | 0E 34 00 | 12 0F 00 | 4102 |                                  |
| AHCP  | USA       | 11 1F 04 | 19 48 01 | 4000 |                                  |
| EBBM  | USA       | 0E 19 02 | 14 0D 18 | 4000 | E5898FA5                         |
| ABSO  | USA       | 0E 15 02 | 14 1B 26 | 4201 | 4F158D1B                         |
| SGW   |           | 5        | 779      | 4103 |                                  |

## DTC SUMMARY

| ECU | DTC CODE | DTC DESCRIPTION                                                           | STATUS |
|-----|----------|---------------------------------------------------------------------------|--------|
| MSM | B233C-00 | Commanded Position Not Reachable-                                         | Stored |
| EDM | B156D-02 | Low Voltage Differential Signal (LVDS) Video Cable-General Signal Failure | Active |
| HCP | P0A43-00 | Drive Motor "A" Position Sensor Circuit Intermittent-                     | Stored |

|     |          |                                                                  |        |
|-----|----------|------------------------------------------------------------------|--------|
| VRM | B14DE-00 | Lost Low Voltage Differential Signal (LVDS) Connection with EDM- | Active |
|-----|----------|------------------------------------------------------------------|--------|

## ENVIRONMENTAL DATA SUMMARY

### MSM | B233C-00 | Stored | Commanded Position Not Reachable-

| NAME                                               | VALUE                        | UNITS  |
|----------------------------------------------------|------------------------------|--------|
| Failed Movement Information - Horizontal Motor     | Movement aborted by operator |        |
| Failed Movement Information - Recliner Motor       | No Failed Movement           |        |
| Failed Movement Information - Vertical Front Motor | No Failed Movement           |        |
| Failed Movement Information - Vertical Rear Motor  | No Failed Movement           |        |
| Obstacle Detection Location - Horizontal Motor     | No Obstacle Detected         | Counts |
| Horizontal Motor Position - end of movement        | 32302                        | Counts |
| Recliner Motor Position - end of movement          | 31934                        | Counts |
| Vertical Front Motor Position - end of movement    | 33222                        | Counts |
| Vertical Rear Motor Position - end of movement     | 33386                        | Counts |
| Horizontal Motor Position - start of movement      | 32254                        | Counts |
| Recliner Motor Position - start of movement        | 31934                        | Counts |
| Vertical Front Motor Position - start of movement  | 33222                        | Counts |
| Vertical Rear Motor Position - start of movement   | 33386                        | Counts |
| ECU Voltage - at start of movement                 | 382E                         | Volts  |
| ECU Voltage - minimum voltage during movement      | 36C2                         | Volts  |
| Movement Direction - Recliner Motor                | Motor not moving             |        |
| Movement Direction - Horizontal Motor              | Forward / Up                 |        |
| Movement Direction - Vertical Front Motor          | Motor not moving             |        |
| Movement Direction - Vertical Rear Motor           | Motor not moving             |        |

### EDM | B156D-02 | Active | Low Voltage Differential Signal (LVDS) Video Cable-General Signal Failure

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | True  |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | True  |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | Error |       |
| Original Odometer Value                 | 28742 | miles |
| Most Recent Odometer Value              | 28742 | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 0     |       |

### HCP | P0A43-00 | Stored | Drive Motor "A" Position Sensor Circuit Intermittent-

| NAME                                                | VALUE                          | UNITS  |
|-----------------------------------------------------|--------------------------------|--------|
| DTC                                                 | 0A 43 00                       |        |
| Test Failed                                         | False                          |        |
| Test Failed This Operation Cycle                    | False                          |        |
| Pending DTC                                         | False                          |        |
| Confirmed DTC                                       | True                           |        |
| Test Not Completed Since Last Clear                 | False                          |        |
| Test Failed Since Last Clear                        | True                           |        |
| Test Not Completed This Operation Cycle             | False                          |        |
| Warning Indicator Requested                         | False                          |        |
| Occurrence flag                                     | Occurrence                     |        |
| Original Odometer Value                             | 28761.3                        | miles  |
| Most Recent Odometer Value                          | 28772.5                        | miles  |
| Frequency Counter                                   | 2                              |        |
| Ignition Cycle Counter                              | 0                              |        |
| Real time clock                                     | 47345672                       | sec    |
| RAM stamps keyOn                                    | 1455                           | sec    |
| RAM Stamps                                          | 112608                         | Min    |
| Accelerator Pedal Position                          | 0                              | %      |
| Brake Switch Status                                 | Not Applied                    |        |
| PHEV Charging Status                                | No Charging                    |        |
| Engine Speed                                        | 2525                           | rpm    |
| HV Battery SOC                                      | 26                             | %      |
| Ignition State                                      | Reserved                       |        |
| PRND Position Display                               | D                              |        |
| Propulsion System Active                            | True                           |        |
| Vehicle Speed                                       | 77.2102                        | MPH    |
| Motor A Temp Sensor                                 | 162                            | °F     |
| Motor B Temp Sensor                                 | 169                            | °F     |
| Barometric Pressure                                 | 14                             | PSI    |
| Engine Coolant Temperature                          | 201                            | °F     |
| Motor A Resolver Offset Learn Erase                 | not requested                  |        |
| Motor A Resolver Offset Learning Status Flag        | Applied                        |        |
| Motor B Resolver Offset Learning Status Flag        | Applied                        |        |
| Motor A Resolver Angle Offset                       | 1.60                           | Degree |
| Motor B Resolver Angle Offset                       | 4.40                           | Degree |
| Motor A Resolver Supply Voltage Value               | 15.75                          | Volts  |
| Motor B Resolver Supply Voltage Value               | 15.75                          | Volts  |
| Motor A Resolver to Digital Low Level Driver Faults | Resolver Degradation of Signal |        |
| Motor B Resolver to Digital Low Level Driver Faults | No fault                       |        |
| Battery Feed Voltage 2 Sense                        | 14.760                         | Volts  |
| Internal EPS Voltage Sense A                        | 8.280                          | Volts  |
| Internal EPS Voltage Sense B                        | 8.136                          | Volts  |
| Actual Torque - Motor A                             | -36.689                        | Ft-Lbs |

|                                         |                          |        |
|-----------------------------------------|--------------------------|--------|
| Actual Torque - Motor B                 | -2.673                   | Ft-Lbs |
| Available Motor Torque - Motor A        | 87.205                   | Ft-Lbs |
| Available Motor Torque - Motor B        | 78.540                   | Ft-Lbs |
| Available Regen Torque - Motor A        | -87.205                  | Ft-Lbs |
| Available Regen Torque - Motor B        | -78.540                  | Ft-Lbs |
| Commanded Torque - Motor A              | -36.504                  | Ft-Lbs |
| Commanded Torque - Motor B              | -1.936                   | Ft-Lbs |
| Electric Motor A Speed                  | 2.5                      | rpm    |
| Electric Motor B Speed                  | 8504.5                   | rpm    |
| Battery Feed Voltage 1 Sense            | 14.688                   | Volts  |
| Battery Feed Voltage 3 Sense            | 14.688                   | Volts  |
| Hybrid System State                     | Propulsion System Active |        |
| Motor A - Inverter Current - phase A    | 144                      | AMP    |
| Motor A - Inverter Current - phase B    | -96                      | AMP    |
| Motor A - Inverter Current - phase C    | -52                      | AMP    |
| Motor B - Inverter Current - phase A    | -28                      | AMP    |
| Motor B - Inverter Current - phase B    | 28                       | AMP    |
| Motor B - Inverter Current - phase C    | -4                       | AMP    |
| Outside Air Temperature                 | 64.4                     | °F     |
| HCP ePT Wake-Up Output                  | On                       |        |
| CBC Wake-Up Input                       | Off                      |        |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |        |
| HV Contactor Status                     | Closed                   |        |
| HV Battery Voltage from BPCM            | 340.40                   | Volts  |
| PIM DC Link Voltage - A                 | 340                      | Volts  |
| PIM DC Link Voltage - B                 | 341                      | Volts  |
| Inverter A IGBT Temperature for phase A | 115                      | °F     |
| Inverter A IGBT Temperature for phase B | 97                       | °F     |
| Inverter A IGBT Temperature for phase C | 97                       | °F     |
| Inverter B IGBT Temperature for phase A | 90                       | °F     |
| Inverter B IGBT Temperature for phase B | 90                       | °F     |
| Inverter B IGBT Temperature for phase C | 91                       | °F     |
| APM Status                              | Buck CV                  |        |
| Impact Event                            | False                    |        |
| HCP System Shutdown Command             | Default                  |        |
| Distance Travelled with Light ON        | 12                       | miles  |
| Motor A Torque                          | -36.689                  | Ft-Lbs |
| Motor B Torque                          | -2.673                   | Ft-Lbs |
| OBCM Operating Mode                     | UTC                      |        |
| J1772 Prox Detected State               | Prox Out                 |        |
| HV Battery Sleep Time                   | 0                        | Days   |
| Motor B Resolver Offset Learn Erase     | not requested            |        |
| GPS Date - Year                         | 0                        | Year   |
| GPS Date - Month                        | 1                        |        |

|                         |   |         |
|-------------------------|---|---------|
| GPS Date - Day          | 1 | Days    |
| UTC Time - Hours        | 0 | Hours   |
| UTC Time - Minutes      | 0 |         |
| UTC Time - Seconds      | 0 | seconds |
| ECU Time - Milliseconds | 0 | ms      |

#### VRM | B14DE-00 | Active | Lost Low Voltage Differential Signal (LVDS) Connection with EDM-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | 94 DE 00 |       |
| Test Failed                             | True     |       |
| Test Failed This Operation Cycle        | True     |       |
| 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                 | 28742    | miles |
| Most Recent Odometer Value              | 28772    | miles |
| Frequency Counter                       | 12       |       |
| Ignition Cycle Counter                  | 0        |       |

### SNAPSHOT DATA SUMMARY

No Snapshot Data available for B233C-00

No Snapshot Data available for B156D-02

No Snapshot Data available for P0A43-00

No Snapshot Data available for B14DE-00



## VEHICLE SCAN REPORT

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

**Odometer** 28781.2 miles  
**Publication Date** Mar 31, 2022, 12:20:23 PM

## ECU SUMMARY INFO

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

|       |                                    |       |            |        |  |            |
|-------|------------------------------------|-------|------------|--------|--|------------|
| ACC   | Adaptive Cruise Control            | CAN-C | 68417813AF |        |  | 68417813AF |
| RADIO | Radio                              | CAN-I | 68461768AD | 2C4RC1 |  | 68461768AD |
| OCM   | Occupant Classification            | CAN-C | 68403127AA |        |  | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB |        |  | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AB |        |  | 04672786AB |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AB |        |  | 04672786AB |
| FFCM  | Forward Facing Camera Module       | CAN-C | 68493395AA |        |  | 68493395AA |
| EDM   | External Disc Module               | CAN-I | 68378304AB |        |  | 68378304AB |
| APM   | Accessory Power Module             | CAN-C | 05185046AB |        |  | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 05193166AE |        |  | 05193166AE |
| HCP   | Hybrid Control Processor           | CAN-C | 05190265AF |        |  | 05190265AF |
| OBCM  | On Board Charging Module           | CAN-C | 05185047AE |        |  | 05185047AE |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC |        |  | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68316174AC |        |  | 68316174AC |
| VRM   | Video Routing Module               | CAN-I | 68376134AG |        |  | 68376134AG |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 6WL30DX9AA |        |  | 6WL30DX9AA |
| CVPM  | Central vision processing module   | CAN-I | 68375113AB |        |  | 68375113AB |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG |        |  | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05190266AF |        |  | 05190266AF |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68461813AB |        |  | 68461813AB |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68471122AD |        |  | 68471122AD |
| SGW   | Security Gateway Module            | CAN-C | 68447193AB |        |  | 68447193AB |

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

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

|       |           |          |          |      |                                  |
|-------|-----------|----------|----------|------|----------------------------------|
| HVAC  | USA       | 0E 09 00 | 13 05 01 | 4401 |                                  |
| DDM   | USA       | 11 07 00 | 13 0B 00 | 4202 |                                  |
| PDM   | USA       | 11 07 00 | 13 0B 00 | 4202 |                                  |
| DMRL  | USA / USA | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| DMRR  | USA / USA | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| PSDML | USA / USA | 10 17 00 | 14 10 12 | 4001 |                                  |
| PSDMR | USA / USA | 10 17 00 | 14 10 12 | 4001 |                                  |
| MSM   | USA       | 0F 2B 00 | 10 27 03 | 4101 |                                  |
| PLGM  | USA       | 17 19 00 | 18 22 00 | 4202 |                                  |
| CSWM  | USA       | 11 2A 00 | 13 2C 00 | 4302 |                                  |
| AMP   | USA       | 0F 06 01 | 12 2E 01 | 4021 |                                  |
| IPC   | USA / USA | 12 06 00 | 14 0B 00 | 4704 |                                  |
| PTS   | USA       | 0E 32 00 | 12 1F 00 | 4311 |                                  |
| SCCM  | USA       | 13 28 00 | 13 29 00 | 4301 |                                  |
| BCM   | USA       | 0D 11 00 | 14 1B 90 | 4415 |                                  |
| ACC   | USA / USA | 14 12 01 | 14 1D 01 | 4400 |                                  |
| RADIO | USA       | 15 05 11 | 15 05 11 | 8205 |                                  |
| OCM   | USA / USA | 11 1F 01 | 0E 2F 02 | 4030 |                                  |
| HVACR | USA       | 0E 09 00 | 10 03 02 | 4301 |                                  |
| LBSS  | USA / USA | 11 30 02 | 12 0D 00 | 4202 |                                  |
| RBSS  | USA / USA | 11 30 02 | 12 0D 00 | 4202 |                                  |
| FFCM  | USA / USA | 11 06 00 | 13 1E 00 | 4102 |                                  |
| EDM   | USA       | 12 0A 00 | 11 08 00 | 4000 |                                  |
| APM   | USA / USA | 11 32 00 | 11 32 00 | 4001 |                                  |
| BPCM  |           | 0E 03 00 | 14 19 00 | 4005 | 87EC2289                         |
| HCP   | USA       | 11 1F 04 | 19 48 01 | 4005 | 6AE19B37<br>847169A3<br>050DC953 |
| OBCM  | USA       | 0F 0D 00 | 12 02 00 | 4002 |                                  |
| MSMP  | USA       | 0F 2B 00 | 10 27 03 | 4001 |                                  |
| DSM   | USA / USA | 13 29 00 | 12 23 00 | 4000 |                                  |
| VRM   | USA / USA | 0F 1C 00 | 13 26 11 | 4001 |                                  |
| RCCC  | USA       | 0F 1D 00 | 13 04 00 | 4000 |                                  |
| CVPM  | USA / USA | 11 32 01 | 12 33 00 | 4003 |                                  |
| EAC   | USA       | 0E 34 00 | 12 0F 00 | 4102 |                                  |
| AHCP  | USA       | 11 1F 04 | 19 48 01 | 4000 |                                  |
| EBBM  | USA       | 0E 19 02 | 14 0D 18 | 4000 | E5898FA5                         |
| ABSO  | USA       | 0E 15 02 | 14 1B 26 | 4201 | 4F158D1B                         |
| SGW   |           | 5        | 779      | 4103 |                                  |

## DTC SUMMARY

| ECU | DTC CODE | DTC DESCRIPTION                                                           | STATUS |
|-----|----------|---------------------------------------------------------------------------|--------|
| MSM | B233C-00 | Commanded Position Not Reachable-                                         | Stored |
| EDM | B156D-02 | Low Voltage Differential Signal (LVDS) Video Cable-General Signal Failure | Active |
| HCP | P0A43-00 | Drive Motor "A" Position Sensor Circuit Intermittent-                     | Stored |

|     |          |                                                                  |        |
|-----|----------|------------------------------------------------------------------|--------|
| VRM | B14DE-00 | Lost Low Voltage Differential Signal (LVDS) Connection with EDM- | Active |
|-----|----------|------------------------------------------------------------------|--------|

## ENVIRONMENTAL DATA SUMMARY

### MSM | B233C-00 | Stored | Commanded Position Not Reachable-

| NAME                                               | VALUE                        | UNITS  |
|----------------------------------------------------|------------------------------|--------|
| Failed Movement Information - Horizontal Motor     | Movement aborted by operator |        |
| Failed Movement Information - Recliner Motor       | No Failed Movement           |        |
| Failed Movement Information - Vertical Front Motor | No Failed Movement           |        |
| Failed Movement Information - Vertical Rear Motor  | No Failed Movement           |        |
| Obstacle Detection Location - Horizontal Motor     | No Obstacle Detected         | Counts |
| Horizontal Motor Position - end of movement        | 32302                        | Counts |
| Recliner Motor Position - end of movement          | 31934                        | Counts |
| Vertical Front Motor Position - end of movement    | 33222                        | Counts |
| Vertical Rear Motor Position - end of movement     | 33386                        | Counts |
| Horizontal Motor Position - start of movement      | 32254                        | Counts |
| Recliner Motor Position - start of movement        | 31934                        | Counts |
| Vertical Front Motor Position - start of movement  | 33222                        | Counts |
| Vertical Rear Motor Position - start of movement   | 33386                        | Counts |
| ECU Voltage - at start of movement                 | 382E                         | Volts  |
| ECU Voltage - minimum voltage during movement      | 36C2                         | Volts  |
| Movement Direction - Recliner Motor                | Motor not moving             |        |
| Movement Direction - Horizontal Motor              | Forward / Up                 |        |
| Movement Direction - Vertical Front Motor          | Motor not moving             |        |
| Movement Direction - Vertical Rear Motor           | Motor not moving             |        |

### EDM | B156D-02 | Active | Low Voltage Differential Signal (LVDS) Video Cable-General Signal Failure

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | True  |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | True  |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | Error |       |
| Original Odometer Value                 | 28742 | miles |
| Most Recent Odometer Value              | 28742 | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 0     |       |

### HCP | P0A43-00 | Stored | Drive Motor "A" Position Sensor Circuit Intermittent-

| NAME                                                | VALUE                          | UNITS  |
|-----------------------------------------------------|--------------------------------|--------|
| DTC                                                 | 0A 43 00                       |        |
| Test Failed                                         | False                          |        |
| Test Failed This Operation Cycle                    | False                          |        |
| Pending DTC                                         | False                          |        |
| Confirmed DTC                                       | True                           |        |
| Test Not Completed Since Last Clear                 | False                          |        |
| Test Failed Since Last Clear                        | True                           |        |
| Test Not Completed This Operation Cycle             | False                          |        |
| Warning Indicator Requested                         | False                          |        |
| Occurrence flag                                     | Occurrence                     |        |
| Original Odometer Value                             | 28761.3                        | miles  |
| Most Recent Odometer Value                          | 28772.5                        | miles  |
| Frequency Counter                                   | 2                              |        |
| Ignition Cycle Counter                              | 0                              |        |
| Real time clock                                     | 47345672                       | sec    |
| RAM stamps keyOn                                    | 1455                           | sec    |
| RAM Stamps                                          | 112608                         | Min    |
| Accelerator Pedal Position                          | 0                              | %      |
| Brake Switch Status                                 | Not Applied                    |        |
| PHEV Charging Status                                | No Charging                    |        |
| Engine Speed                                        | 2525                           | rpm    |
| HV Battery SOC                                      | 26                             | %      |
| Ignition State                                      | Reserved                       |        |
| PRND Position Display                               | D                              |        |
| Propulsion System Active                            | True                           |        |
| Vehicle Speed                                       | 77.2102                        | MPH    |
| Motor A Temp Sensor                                 | 162                            | °F     |
| Motor B Temp Sensor                                 | 169                            | °F     |
| Barometric Pressure                                 | 14                             | PSI    |
| Engine Coolant Temperature                          | 201                            | °F     |
| Motor A Resolver Offset Learn Erase                 | not requested                  |        |
| Motor A Resolver Offset Learning Status Flag        | Applied                        |        |
| Motor B Resolver Offset Learning Status Flag        | Applied                        |        |
| Motor A Resolver Angle Offset                       | 1.60                           | Degree |
| Motor B Resolver Angle Offset                       | 4.40                           | Degree |
| Motor A Resolver Supply Voltage Value               | 15.75                          | Volts  |
| Motor B Resolver Supply Voltage Value               | 15.75                          | Volts  |
| Motor A Resolver to Digital Low Level Driver Faults | Resolver Degradation of Signal |        |
| Motor B Resolver to Digital Low Level Driver Faults | No fault                       |        |
| Battery Feed Voltage 2 Sense                        | 14.760                         | Volts  |
| Internal EPS Voltage Sense A                        | 8.280                          | Volts  |
| Internal EPS Voltage Sense B                        | 8.136                          | Volts  |
| Actual Torque - Motor A                             | -36.689                        | Ft-Lbs |

|                                         |                          |        |
|-----------------------------------------|--------------------------|--------|
| Actual Torque - Motor B                 | -2.673                   | Ft-Lbs |
| Available Motor Torque - Motor A        | 87.205                   | Ft-Lbs |
| Available Motor Torque - Motor B        | 78.540                   | Ft-Lbs |
| Available Regen Torque - Motor A        | -87.205                  | Ft-Lbs |
| Available Regen Torque - Motor B        | -78.540                  | Ft-Lbs |
| Commanded Torque - Motor A              | -36.504                  | Ft-Lbs |
| Commanded Torque - Motor B              | -1.936                   | Ft-Lbs |
| Electric Motor A Speed                  | 2.5                      | rpm    |
| Electric Motor B Speed                  | 8504.5                   | rpm    |
| Battery Feed Voltage 1 Sense            | 14.688                   | Volts  |
| Battery Feed Voltage 3 Sense            | 14.688                   | Volts  |
| Hybrid System State                     | Propulsion System Active |        |
| Motor A - Inverter Current - phase A    | 144                      | AMP    |
| Motor A - Inverter Current - phase B    | -96                      | AMP    |
| Motor A - Inverter Current - phase C    | -52                      | AMP    |
| Motor B - Inverter Current - phase A    | -28                      | AMP    |
| Motor B - Inverter Current - phase B    | 28                       | AMP    |
| Motor B - Inverter Current - phase C    | -4                       | AMP    |
| Outside Air Temperature                 | 64.4                     | °F     |
| HCP ePT Wake-Up Output                  | On                       |        |
| CBC Wake-Up Input                       | Off                      |        |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |        |
| HV Contactor Status                     | Closed                   |        |
| HV Battery Voltage from BPCM            | 340.40                   | Volts  |
| PIM DC Link Voltage - A                 | 340                      | Volts  |
| PIM DC Link Voltage - B                 | 341                      | Volts  |
| Inverter A IGBT Temperature for phase A | 115                      | °F     |
| Inverter A IGBT Temperature for phase B | 97                       | °F     |
| Inverter A IGBT Temperature for phase C | 97                       | °F     |
| Inverter B IGBT Temperature for phase A | 90                       | °F     |
| Inverter B IGBT Temperature for phase B | 90                       | °F     |
| Inverter B IGBT Temperature for phase C | 91                       | °F     |
| APM Status                              | Buck CV                  |        |
| Impact Event                            | False                    |        |
| HCP System Shutdown Command             | Default                  |        |
| Distance Travelled with Light ON        | 12                       | miles  |
| Motor A Torque                          | -36.689                  | Ft-Lbs |
| Motor B Torque                          | -2.673                   | Ft-Lbs |
| OBCM Operating Mode                     | UTC                      |        |
| J1772 Prox Detected State               | Prox Out                 |        |
| HV Battery Sleep Time                   | 0                        | Days   |
| Motor B Resolver Offset Learn Erase     | not requested            |        |
| GPS Date - Year                         | 0                        | Year   |
| GPS Date - Month                        | 1                        |        |

|                         |   |         |
|-------------------------|---|---------|
| GPS Date - Day          | 1 | Days    |
| UTC Time - Hours        | 0 | Hours   |
| UTC Time - Minutes      | 0 |         |
| UTC Time - Seconds      | 0 | seconds |
| ECU Time - Milliseconds | 0 | ms      |

#### VRM | B14DE-00 | Active | Lost Low Voltage Differential Signal (LVDS) Connection with EDM-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | 94 DE 00 |       |
| Test Failed                             | True     |       |
| Test Failed This Operation Cycle        | True     |       |
| 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                 | 28742    | miles |
| Most Recent Odometer Value              | 28772    | miles |
| Frequency Counter                       | 12       |       |
| Ignition Cycle Counter                  | 0        |       |

### SNAPSHOT DATA SUMMARY

No Snapshot Data available for B233C-00

No Snapshot Data available for B156D-02

No Snapshot Data available for P0A43-00

No Snapshot Data available for B14DE-00

















