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## VEHICLE SCAN REPORT

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

**Odometer** 11434.8 miles  
**Publication Date** Jun 9, 2020, 3:58:01 PM

### ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | CURRENT V           | ORIGINAL V          | PART #     |
|-------|--------------------------------|----------|--------------|---------------------|---------------------|------------|
| PCM   | Powertrain Control Module      | CAN-C    | 68416680AE   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68416680AE |
| ICS   | Integrated Center Stack        | CAN-I    | 6EV321X8AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 6EV321X8AB |
| RFH   | Radio Frequency Hub            | CAN-C    | 68383680AC   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68383680AC |
| ESM   | Electronic Shifter             | CAN-C    | 68240089AL   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68240089AL |
| ORC   | Occupant Restraint             | CAN-C    | 68405567AC   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68405567AC |
| EPS   | Electric Power Steering        | CAN-C    | 68416741AA   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68416741AA |
| HVAC  | Heat, Ventilation and A/C      | CAN-I    | 68406613AA   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68406613AA |
| DDM   | Driver Door Module             | CAN-I    | 68316559AD   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68316559AD |
| PDM   | Passenger Door Module          | CAN-I    | 68316558AD   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68316558AD |
| DMRL  | Door Module Rear Left          | CAN-I    | 68225096AG   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68225096AG |
| DMRR  | Door Module Rear Right         | CAN-I    | 68225096AG   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68225096AG |
| PSDML | Power Sliding Doors (Left)     | CAN-I    | 68369596AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68369596AB |
| PSDMR | Power Sliding Doors (Right)    | CAN-I    | 68369596AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68369596AB |
| MSM   | Memory Seat Module             | CAN-I    | 68321862AC   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68321862AC |
| PLGM  | Power Liftgate                 | CAN-I    | 68316094AF   | ??????????          | ??????????          | 68316094AF |
| AMP   | Amplifier                      | CAN-I    | 68440634AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68440634AB |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68405292AC   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68405292AC |
| PTS   | Parktronics                    | CAN-C    | 68193775AJ   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68193775AJ |
| SCCM  | Steering Column Control Module | CAN-C    | 68360889AC   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68360889AC |
| BCM   | Body Controller                | CAN-C    | 68402177AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68402177AB |
| ACC   | Adaptive Cruise Control        | CAN-C    | 04672758AB   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 04672758AB |
| HSM   | Heated Seat Module             | CAN-I    | 68421106AA   | 2C4RC1N7 [REDACTED] | 2C4RC1N7 [REDACTED] | 68421106AA |

|       |                                    |       |            |         |          |            |
|-------|------------------------------------|-------|------------|---------|----------|------------|
| RADIO | Radio                              | CAN-I | 68429204AB | 2C4RC1  | 2C4RC1N7 | 68429204AB |
| OCM   | Occupant Classification            | CAN-C | 68403127AA | 2C4RC1N | 2C4RC1N7 | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB | 2C4RC1N | 2C4RC1N7 | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AB | 2C4RC1N | 2C4RC1N7 | 04672786AB |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AB | 2C4RC1N | 2C4RC1N7 | 04672786AB |
| FFCM  | Forward Facing Camera Module       | CAN-C | 04672776AA | 2C4RC1N | 2C4RC1N7 | 04672776AA |
| EDM   | External Disc Module               | CAN-I | 68378304AA | 2C4RC1N | 2C4RC1N7 | 68378304AA |
| APM   | Accessory Power Module             | CAN-C | 05185046AB | 2C4RC1N | 2C4RC1N7 | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 68429967AD | 2C4RC1N | 2C4RC1N7 | 68429967AD |
| HCP   | Hybrid Control Processor           | CAN-C | 05190240AN | 2C4RC1N | 2C4RC1N7 | 05190240AN |
| OBCM  | On Board Charging Module           | CAN-C | 05185047AD | 2C4RC1N | 2C4RC1N7 | 05185047AD |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC | 2C4RC1N | 2C4RC1N7 | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68316174AB | 2C4RC1N | 2C4RC1N7 | 68316174AB |
| VRM   | Video Routing Module               | CAN-I | 68376134AE | 2C4RC1N | 2C4RC1N7 | 68376134AE |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 68395990AA | 2C4RC1N | 2C4RC1N7 | 68395990AA |
| CVPM  | Central vision processing module   | CAN-I | 68375113AB | 2C4RC1N | 2C4RC1N7 | 68375113AB |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG | 2C4RC1N | 2C4RC1N7 | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05190241AN | 2C4RC1N | 2C4RC1N7 | 05190241AN |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68240033AJ | 2C4RC1N | 2C4RC1N7 | 68240033AJ |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68433481AB | 2C4RC1N | 2C4RC1N7 | 68433481AB |
| SGW   | Security Gateway Module            | CAN-C | 68420261AA |         | 2C4RC1N7 | 68420261AA |

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

| ECU  | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT | CVNS     |
|------|--------------|------------------|------------------|-------|----------|
| PCM  | USA          | 1B 47            | 91 05 01         | 4459  | 4D1D9F87 |
| ICS  | USA          | 0F 0C 00         | 11 16 00         | 4700  |          |
| RFH  | USA / USA    | 10 17 00         | 12 18 00         | 4A00  |          |
| ESM  | USA / USA    | 0F 24 00         | 12 02 FF         | 4402  |          |
| ORC  | USA / USA    | 11 1F 00         | 12 2B 00         | 4301  |          |
| EPS  | USA / USA    | 12 02 03         | 11 15 01         | 4502  |          |
| HVAC | USA          | 0E 09 00         | 11 29 01         | 4401  |          |
|      |              |                  |                  |       |          |

|       |           |          |          |      |                                  |
|-------|-----------|----------|----------|------|----------------------------------|
| DDM   | USA / USA | 11 30 00 | 17 42 00 | 4102 |                                  |
| PDM   | USA       | 11 30 00 | 17 42 00 | 4102 |                                  |
| DMRL  | USA / USA | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| DMRR  | USA / USA | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| PSDML | USA / USA | 10 17 00 | 11 2D 10 | 4001 |                                  |
| PSDMR | USA / USA | 10 17 00 | 11 2D 10 | 4001 |                                  |
| MSM   | USA       | 0F 2B 00 | 10 27 03 | 4101 |                                  |
| PLGM  | USA       | 17 19 00 | 18 22 00 | 4202 |                                  |
| AMP   | USA       | 0F 05 01 | 12 2D 01 | 4021 |                                  |
| IPC   | USA / USA | 12 0A 00 | 12 10 00 | 4704 |                                  |
| PTS   | USA       | 0E 32 00 | 12 1F 00 | 4311 |                                  |
| SCCM  | USA       | 0E 30 00 | 10 2B 00 | 4301 |                                  |
| BCM   | USA       | 0D 11 00 | 12 0B 90 | 4415 |                                  |
| ACC   | USA / USA | 13 07 00 | 11 0D 00 | 4201 |                                  |
| HSM   | USA / USA | 15 12 00 | 12 05 01 | 4003 |                                  |
| RADIO | USA       | 13 0B 4D | 13 0B 4D | 8205 |                                  |
| OCM   | USA / USA | 11 1F 01 | 0E 2F 02 | 4030 |                                  |
| HVACR | USA       | 0E 09 00 | 10 03 02 | 4301 |                                  |
| LBSS  | USA / USA | 11 30 02 | 12 0D 00 | 4202 |                                  |
| RBSS  | USA / USA | 11 30 02 | 12 0D 00 | 4202 |                                  |
| FFCM  | USA / USA | 11 06 00 | 11 2B 00 | 4102 |                                  |
| EDM   | USA       | 12 0A 00 | 11 08 00 | 4000 |                                  |
| APM   | USA / USA | 11 32 00 | 11 32 00 | 4001 |                                  |
| BPCM  |           | 0E 03 00 | 12 07 04 | 4005 | FEDBFE12                         |
| HCP   | USA       | 11 1D 07 | 12 29 01 | 4004 | 5222F843<br>EBC2A42D<br>31B4913E |
| OBCM  | USA       | 0F 0D 00 | 11 2B 00 | 4002 |                                  |
| MSMP  | USA       | 0F 2B 00 | 10 27 03 | 4001 |                                  |
| DSM   | USA / USA | 11 16 00 | 11 15 00 | 4000 |                                  |
| VRM   | USA / USA | 0F 1C 00 | 11 32 13 | 4001 |                                  |
| RCCC  | USA       | 0F 1D 00 | 11 16 00 | 4000 |                                  |
| CVPM  | USA / USA | 11 32 01 | 12 33 00 | 4003 |                                  |
| EAC   | USA       | 0E 34 00 | 12 0F 00 | 4102 |                                  |
| AHCP  | USA       | 11 1D 07 | 12 29 01 | 4000 |                                  |
| EBBM  | USA       | 0E 19 02 | 11 18 14 | 4000 | BBFD096B                         |
| ABSO  | USA       | 0E 15 02 | 12 2F 1C | 4201 | 79AC82DE                         |
| SGW   |           | 5        | 564      | 4103 |                                  |

## DTC SUMMARY

| ECU  | DTC CODE | DTC DESCRIPTION                                                | STATUS |
|------|----------|----------------------------------------------------------------|--------|
| PCM  | P2110    | Electronic Throttle Control System Bank 1 - Forced Limited RPM | Stored |
| PCM  | U140A    | Implausible Right Front Wheel Speed Signal Received            | Stored |
| PCM  | U1409    | Implausible Left Front Wheel Speed Signal Received             | Stored |
| HVAC | B10EB-00 | Blower Power Module-                                           | Stored |



|       |          |                                                                             |        |
|-------|----------|-----------------------------------------------------------------------------|--------|
| DMRL  | U1143-00 | Lost Communication With Power Sliding Door Module - Left-                   | Active |
| MSM   | U1143-00 | Lost Communication With Power Sliding Door Module - Left-                   | Active |
| PLGM  | B195F-12 | Power Liftgate Chime Control-Circuit Short to Battery                       | Stored |
| PTS   | U0415-00 | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"- | Stored |
| BCM   | U1143-00 | Lost Communication With Power Sliding Door Module - Left-                   | Active |
| ACC   | C2227-00 | ABS Disabled ECU-                                                           | Stored |
| ACC   | U0415-00 | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"- | Stored |
| RADIO | U11BB-00 | Lost Communication with Video Routing Module-                               | Stored |
| EDM   | U11BB-00 | Lost Communication with Video Routing Module-                               | Stored |
| BPCM  | U0594-00 | Implausible Data Received From Hybrid Control Module-                       | Stored |
| HCP   | P062C-00 | Internal Control Module Vehicle Speed Performance-                          | Stored |
| HCP   | P0A3F-00 | Drive Motor A Position Sensor 1 Circuit-                                    | Stored |
| HCP   | P0A40-00 | Drive Motor A Position Sensor 1 Circuit Range/Performance-                  | Stored |
| HCP   | P0A43-00 | Drive Motor "A" Position Sensor Circuit Intermittent-                       | Stored |
| HCP   | P0C19-00 | Drive Motor A Torque Delivered Performance-                                 | Stored |
| HCP   | P215B-00 | Vehicle Speed - Output Shaft Speed Correlation-                             | Stored |
| HCP   | P26C3-00 | Internal Control Module Electronic Shifter Performance-                     | Stored |
| HCP   | U0415-00 | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"- | Stored |
| HCP   | U1852-00 | Implausible Data Received from ABS on D-PT-                                 | Stored |
| MSMP  | U1143-00 | Lost Communication With Power Sliding Door Module - Left-                   | Active |
| ABSO  | C0501-00 | Left Front Wheel Speed Sensor "A" Range/Performance-                        | Stored |
| ABSO  | C0507-00 | Right Front Wheel Speed Sensor "A" Range/Performance-                       | Stored |

## ENVIRONMENTAL DATA SUMMARY

### PCM | P2110 | STORED | ELECTRONIC THROTTLE CONTROL SYSTEM BANK 1 - FORCED LIMITED RPM

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| DTC                                   | 21 10        |         |
| DTC Readiness Flag                    | Not Complete |         |
| Warning Indicator Request State       | On           |         |
| DTC Storage State                     | Stored       |         |
| Odometer                              | 11413.3      | miles   |
| Number of DTC                         | 1            |         |
| Accumulation Timer                    | 0            | minutes |
| Ignition Key Cycles                   | 15           |         |
| Key Cycles Since DTC Last Set Counter | 15           |         |
| Starts Since Set Counter              | 13           |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

### PCM | U140A | STORED | IMPLAUSIBLE RIGHT FRONT WHEEL SPEED SIGNAL RECEIVED

| NAME               | VALUE        | UNITS |
|--------------------|--------------|-------|
| DTC                | D4 0A        |       |
| DTC Readiness Flag | Not Complete |       |
| DTC Storage State  | Stored       |       |

|                                       |         |         |
|---------------------------------------|---------|---------|
| Warning Indicator Request State       | On      |         |
| Odometer                              | 11413.3 | miles   |
| Number of DTC                         | 1       |         |
| Ignition Key Cycles                   | 31      |         |
| Accumulation Timer                    | 5       | minutes |
| Starts Since Set Counter              | 24      |         |
| Good Trip Counter                     | 0       |         |
| Key Cycles Since DTC Last Set Counter | 32      |         |
| Warm Up Cycles                        | 0       |         |

**PCM | U1409 | STORED | IMPLAUSIBLE LEFT FRONT WHEEL SPEED SIGNAL RECEIVED**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| DTC                                   | D4 09        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Odometer                              | 11413.3      | miles   |
| Number of DTC                         | 1            |         |
| Accumulation Timer                    | 5            | minutes |
| Ignition Key Cycles                   | 31           |         |
| Starts Since Set Counter              | 24           |         |
| Warm Up Cycles                        | 0            |         |
| Key Cycles Since DTC Last Set Counter | 32           |         |
| Good Trip Counter                     | 0            |         |

**HVAC | B10EB-00 | STORED | BLOWER POWER MODULE-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | True  |       |
| Confirmed DTC                           | True  |       |
| Pending DTC                             | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Occurrence flag                         | Error |       |
| Warning Indicator Requested             | False |       |
| Test Not Completed Since Last Clear     | False |       |
| Frequency Counter                       | 6     |       |
| Most Recent Odometer Value              | 11433 | miles |
| Original Odometer Value                 | 11433 | miles |
| Ignition Cycle Counter                  | 7     |       |

**DMRL | U1143-00 | ACTIVE | LOST COMMUNICATION WITH POWER SLIDING DOOR MODULE - LEFT**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Not Completed This Operation Cycle | False |       |

|                                       |       |       |
|---------------------------------------|-------|-------|
| DTC Extended Data Record Number - All | 01    |       |
| Test Failed Since Last Clear          | True  |       |
| Test Failed This Operation Cycle      | False |       |
| Pending DTC                           | False |       |
| Test Failed                           | True  |       |
| Confirmed DTC                         | True  |       |
| Test Not Completed Since Last Clear   | False |       |
| Warning Indicator Requested           | False |       |
| Occurrence flag                       | Error |       |
| Original Odometer Value               | 11433 | miles |
| Most Recent Odometer Value            | 11433 | miles |
| Ignition Cycle Counter                | 0     |       |
| Frequency Counter                     | 1     |       |

**MSM | U1143-00 | ACTIVE | LOST COMMUNICATION WITH POWER SLIDING DOOR MODULE - LEFT**

| NAME                                                   | VALUE            | UNITS |
|--------------------------------------------------------|------------------|-------|
| DTC                                                    | D1 43 00         |       |
| Test Failed                                            | True             |       |
| Test Failed This Operation Cycle                       | False            |       |
| Test Failed Since Last Clear                           | True             |       |
| Test Not Completed This Operation Cycle                | False            |       |
| Confirmed DTC                                          | True             |       |
| Test Not Completed Since Last Clear                    | False            |       |
| Pending DTC                                            | False            |       |
| DTC Extended Data Record Number - All                  | 01               |       |
| Occurrence flag                                        | Occurrence       |       |
| Warning Indicator Requested                            | False            |       |
| DTC Extended Data Record Number                        | 19               |       |
| Calibration Version                                    | 03 09 00 01      |       |
| Destandardization Reason                               | Diagnostics      |       |
| Vertical Front motor sensor - Short to ground          | False            |       |
| Vertical Front motor sensor - Short to battery or open | False            |       |
| Vertical Rear motor sensor - Short to ground           | False            |       |
| Vertical Rear motor sensor - Short to battery or open  | False            |       |
| Horizontal motor sensor - Short to ground              | False            |       |
| Horizontal motor sensor - Short to battery or open     | False            |       |
| Recliner motor sensor - Short to ground                | False            |       |
| Recliner motor sensor - Short to battery or open       | False            |       |
| Movement Direction - Recliner Motor                    | Motor not moving |       |
| Movement Direction - Vertical Rear Motor               | Motor not moving |       |
| Movement Direction - Vertical Front Motor              | Motor not moving |       |
| Movement Direction - Horizontal Motor                  | Motor not moving |       |
| ECU configuration - Adjustable Pedals                  | False            |       |
| ECU configuration - Vehicle Line                       | RU               |       |

|                                                    |             |        |
|----------------------------------------------------|-------------|--------|
| ECU configuration - Telescope/Tilt                 | False       |        |
| ECU configuration - Memory Seat                    | True        |        |
| ECU configuration - Stow n Assist                  | True        |        |
| Ignition Cycle Counter                             | 0           |        |
| Most Recent Odometer Value                         | 11413       | miles  |
| Front Hard Stop - Current                          | 33000       | Counts |
| Default Seat travel length                         | 780         | Counts |
| Rear Hard Stop - Current                           | 32220       | Counts |
| Learned Seat Travel - Current                      | 780         | Counts |
| Original Odometer Value                            | 11413       | miles  |
| Frequency Counter                                  | 1           |        |
| Front Hard Stop - Post-destandardization           | 33000       | Counts |
| Rear Hard Stop - Post-destandardization            | 32220       | Counts |
| Number of ECU hard resets since latest calibration | 3           | Counts |
| Front Hard Stop - Pre-destandardization            | Not Learned | Counts |
| Learned Seat Travel - Post-destandardization       | 780         | Counts |
| Rear Hard Stop - Pre-destandardization             | Not Learned | Counts |
| ECU Voltage                                        | 2.638       | Volts  |
| Learned Seat Travel - Pre-destandardization        | Not Learned | Counts |
| Position Vertical Rear                             | 32852       | Counts |
| Position Recliner                                  | 32157       | Counts |
| Position Vertical Front                            | 33003       | Counts |
| Position Horizontal Adjustment                     | 32539       | Counts |

#### PLGM | B195F-12 | STORED | POWER LIFTGATE CHIME CONTROL-CIRCUIT SHORT TO BATTERY

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Confirmed DTC                           | True  |       |
| Occurrence flag                         | Error |       |
| Test Failed                             | False |       |
| Warning Indicator Requested             | False |       |
| Original Odometer Value                 | 11364 | miles |
| Most Recent Odometer Value              | 11364 | miles |
| Operation Cycle Counter                 | 40    |       |
| Frequency Counter                       | 1     |       |

#### PTS | U0415-00 | STORED | INVALID DATA RECEIVED FROM ANTI-LOCK BRAKE SYSTEM (ABS) CONTROL MODULE "A"

| NAME        | VALUE    | UNITS |
|-------------|----------|-------|
| DTC         | C4 15 00 |       |
| Test Failed | False    |       |

|                                         |            |       |
|-----------------------------------------|------------|-------|
| Pending DTC                             | False      |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | Occurrence |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Test Failed Since Last Clear            | True       |       |
| DTC Extended Data Record Number - All   | 03         |       |
| Original Odometer Value                 | 0          | miles |
| Most Recent Odometer Value              | 11433      | miles |
| Frequency Counter                       | 1          |       |
| DC/DC Converter Voltage                 | 01         | Volt  |

**BCM | U1143-00 | ACTIVE | LOST COMMUNICATION WITH POWER SLIDING DOOR MODULE - LEFT**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Pending DTC                             | False |       |
| Test Failed This Operation Cycle        | True  |       |
| Test Failed                             | True  |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Occurrence flag                         | Error |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Frequency Counter                       | 1     |       |
| Original Odometer Value                 | 11433 | miles |
| Ignition Cycle Counter                  | 0     |       |
| Most Recent Odometer Value              | 11433 | miles |

**ACC | C2227-00 | STORED | ABS DISABLED ECU-**

| NAME                                    | VALUE   | UNITS |
|-----------------------------------------|---------|-------|
| Test Failed This Operation Cycle        | False   |       |
| Pending DTC                             | False   |       |
| Test Not Completed Since Last Clear     | False   |       |
| Test Failed                             | False   |       |
| Test Not Completed This Operation Cycle | False   |       |
| Test Failed Since Last Clear            | False   |       |
| Confirmed DTC                           | True    |       |
| Warning Indicator Requested             | False   |       |
| Occurrence flag                         | Error   |       |
| PRNDL Status                            | P range |       |
| Frequency Counter                       | 1       |       |

|                             |       |        |
|-----------------------------|-------|--------|
| Engine RPM                  | 0     | rpm    |
| Object of Interest Distance | 830   | FEET   |
| Original Odometer Value     | 11433 | miles  |
| Engine Torque Request       | SNA   | Ft-Lbs |
| Operation Cycle Counter     | 15    |        |
| ACC Set Speed               | 0     | MPH    |
| Most Recent Odometer Value  | 11433 | miles  |
| Vehicle Speed               | 7     | MPH    |
| Ignition Voltage            | 14.5  |        |
| System Voltage              | 14.7  | Volts  |

### ACC | U0415-00 | STORED | INVALID DATA RECEIVED FROM ANTI-LOCK BRAKE SYSTEM (ABS) CONTROL MODULE 'A'

| NAME                                    | VALUE   | UNITS  |
|-----------------------------------------|---------|--------|
| Test Failed This Operation Cycle        | False   |        |
| Pending DTC                             | False   |        |
| Confirmed DTC                           | True    |        |
| Test Failed                             | False   |        |
| Test Not Completed This Operation Cycle | False   |        |
| Test Not Completed Since Last Clear     | False   |        |
| Test Failed Since Last Clear            | False   |        |
| Warning Indicator Requested             | False   |        |
| Occurrence flag                         | Error   |        |
| PRNDL Status                            | P range |        |
| Frequency Counter                       | 1       |        |
| Vehicle Speed                           | 6       | MPH    |
| Most Recent Odometer Value              | 11433   | miles  |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Operation Cycle Counter                 | 16      |        |
| Engine RPM                              | 0       | rpm    |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| System Voltage                          | 14.7    | Volts  |
| Ignition Voltage                        | 14.5    |        |
| Original Odometer Value                 | 11433   | miles  |

### RADIO | U11BB-00 | STORED | LOST COMMUNICATION WITH VIDEO ROUTING MODULE-

| NAME                                     | VALUE      | UNITS |
|------------------------------------------|------------|-------|
| TestFailed                               | False      |       |
| TestFailedThisMonitoringCycle            | False      |       |
| Test Not Completed This Monitoring Cycle | False      |       |
| Warning Indicator Requested              | False      |       |
| Pending DTC                              | False      |       |
| Occurance Flag                           | Occurrence |       |
| DTCExtendedDataRecordNumber              | FF         |       |

|                            |          |       |
|----------------------------|----------|-------|
| Confirmed DTC              | True     |       |
| DTCTable                   | D1 BB 00 |       |
| Event Counter              | 5B       |       |
| RDI \$6080                 | 60 80    |       |
| Reserved                   | Reserved |       |
| Ignition Counter           | 9        |       |
| Original Odometer Value    | 9296     | miles |
| Most Recent Odometer Value | 10538    | miles |
| Frequency Counter          | 2        |       |

**EDM | U11BB-00 | STORED | LOST COMMUNICATION WITH VIDEO ROUTING MODULE-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| Test Failed This Operation Cycle        | False      |       |
| Test Failed                             | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Test Not Completed Since Last Clear     | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 01         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 10538      | miles |
| Frequency Counter                       | 1          |       |
| Ignition Cycle Counter                  | 7          |       |
| Most Recent Odometer Value              | 10538      | miles |

**BPCM | U0594-00 | STORED | IMPLAUSIBLE DATA RECEIVED FROM HYBRID CONTROL MODULE-**

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| Pending DTC                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Test Failed                             | False    |       |
| DTC                                     | C5 94 00 |       |
| Test Not Completed Since Last Clear     | False    |       |
| Confirmed DTC                           | True     |       |
| Warning Indicator Requested             | False    |       |
| Occurrence flag                         | Error    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Key in Ignition                         | Key_Def  |       |
| HCP Contactor Command                   | Open     |       |
| EPT -WakeUp                             | Sourced  |       |
| Qualified Contactor Command - QCC       | Open     |       |
| Key Position                            | Ign_Lock |       |

|                                                                |                        |  |
|----------------------------------------------------------------|------------------------|--|
| Verified Contactor Command - VCC                               | Open                   |  |
| 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                  |  |
| Contactor Status                                               | Open                   |  |
| Plug in Status                                                 | Not plugged in         |  |
| ChargingLevel                                                  | Plug in, but no charge |  |
| HVIL Status -Vehicle                                           | Not Sourced            |  |
| HVIL Status - Battery pack                                     | PASS                   |  |
| Pump - Overtemperature                                         | PASS                   |  |
| Pump - Switch Power Shorted                                    | PASS                   |  |
| Pump - Wire Open\Short to Gnd                                  | PASS                   |  |
| Pump - Dry Run Detection                                       | PASS                   |  |
| Pump - Overcurrent                                             | PASS                   |  |
| CVTN COMP ERR H                                                | Normal                 |  |
| CVTN EDGE ERR H                                                | Normal                 |  |
| CVTN COMP ERR L                                                | Normal                 |  |
| CVTN ABORT H                                                   | Normal                 |  |
| CVTN ABORT L                                                   | Normal                 |  |
| CVTN COMP FLT L                                                | Normal                 |  |
| CVTN CRC FAULT L                                               | Normal                 |  |
| CVTN EDGE ERR L                                                | Normal                 |  |
| CVTN COMP FLT H                                                | Normal                 |  |
| CVTN SYS RESET                                                 | Normal                 |  |
| CVTN FRAM ERR                                                  | Normal                 |  |
| CVTN STOP ERR                                                  | Normal                 |  |
| CVTN CRC FAULT H                                               | Normal                 |  |
| CVTN INT TEMP FAULT                                            | Normal                 |  |
| CVTN COMM TIMEOUT                                              | Active                 |  |
| CVTN STK FAULT ERR                                             | Latched                |  |
| CVTN VP FAULT                                                  | Normal                 |  |
| CVTN VP CLAMP                                                  | Normal                 |  |
| CVTN FACT CKSUM ERR                                            | Normal                 |  |
| CVTN VDIG WAKE FAULT                                           | Normal                 |  |
| CVTN HREF FAULT                                                | Normal                 |  |
| CVTN VDIG FAULT                                                | Normal                 |  |
| CVTN VM FAULT                                                  | Normal                 |  |
| CVTN CUST ECC COR                                              | Normal                 |  |
| CVTN CUST ECC ERR                                              | SNA                    |  |
| CVTN FACT ECC COR                                              | SNA                    |  |
| CVTN HREF GND FAULT                                            | Normal                 |  |
| CVTN ANALOG FAULT ERR                                          | Normal                 |  |
| Fault trigger level 1                                          | False                  |  |
| CVTN ADC CAL ERR                                               | Normal                 |  |
|                                                                |                        |  |



|                                                        |                |         |
|--------------------------------------------------------|----------------|---------|
| Fault trigger level 3                                  | False          |         |
| Fault Path                                             | 01             |         |
| CVTN ACT ECC ERR                                       | SNA            |         |
| Fault trigger level 2                                  | False          |         |
| Key - DriveRdy (CAN)                                   | True           |         |
| Battery Cell Highest Cell number                       | 93             |         |
| Battery Cell Lowest Cell number                        | 75             |         |
| Battery Temperature Highest Sensor number              | 04             |         |
| Battery Temperature Number of Failing Sensors          | 00             |         |
| HV Cooling Pump Relay Drive                            | Not Sourced    |         |
| Battery Temperature Lowest Sensor number               | 12             |         |
| Pump - Battery Coolant Level Low                       | False          |         |
| Isolation Battery Diagnostic Status                    | Run and Passed |         |
| Isolation Vehicle Diagnostic Status                    | Run and Passed |         |
| CVTN CUST CKSUM ERR                                    | Normal         |         |
| Original Odometer Value                                | 11384          | miles   |
| FoM - for this DTC (lifetime longest fail on pass)     | 0.000          | seconds |
| Ignition Cycle Counter                                 | 3              |         |
| Most Recent Odometer Value                             | 11384          | miles   |
| Vehicle mileage at time of fault (ODO signal in \$3D2) | 11386.76       | miles   |
| Battery Lifetime Miles                                 | 0.00           | miles   |
| Vehicle Speed                                          | 0.0            | MPH     |
| FoM - for this DTC (lifetime fails)                    | 2              | events  |
| Frequency Counter                                      | 1              |         |
| FoM - for this DTC (lifetime fails counts on pass)     | 0.0000         | seconds |
| Battery Lifetime AmpHrs of Charge                      | 9992.4         | AHr     |
| SOC at time of Fault                                   | 89.4           | %       |
| Battery Total Time Awake                               | 30994618       | seconds |
| Battery Lifetime AmpHrs of DisCharge                   | 9937.7         | AHr     |
| HVIL PWM peak voltage Sensed - Vehicle                 | 9.961          | Volts   |
| HVIL Source Voltage- Battery                           | 1.392          | Volts   |
| HVIL PWM Frequency - Vehicle                           | 0.0            | Hz      |
| System (12) Volts at time of fault                     | 12.757         | Volts   |
| HVIL PWM Duty Cycle - Vehicle                          | 0.0            | %       |
| HVIL Returned current - Battery                        | 30.60          | mA      |
| HV Battery Current Sensor 1 Hall High                  | -0.85          | Amps    |
| HVIL PWM peak voltage Sourced - Vehicle                | 10.058         | Volts   |
| Power Up SOC at time of Fault                          | 89.4           | %       |
| HV Battery Current HVBatCmt                            | 0.00           | Amps    |
| HV Cooling Speed Pump 1 Target                         | 0              | rpm     |
| BPCM temperature min                                   | 72             | °F      |
| HV Cooling Speed pump 1 Speed                          | 0              | rpm     |
| Charge indicator Temp                                  | 68             | °F      |
| HV Battery Current Sensor 2 Hall Low                   | -0.05          | Amps    |
|                                                        |                |         |

|                                                                  |        |           |
|------------------------------------------------------------------|--------|-----------|
| BPCM temperature max                                             | 75     | °F        |
| WC and CircuitryISO 8V Reference Voltage                         | 7.980  | Volts     |
| Isolation Circuitry Va                                           | 2.500  | Volts     |
| Isolation Circuitry Vb                                           | 2.501  | Volts     |
| WC and Circuitry 2.5V Reference Voltage                          | 2.502  | Volts     |
| WC and Circuitry Vcc Voltage                                     | 4.982  | Volts     |
| Cycles left to self heal                                         | 40     | No Unit   |
| Isolation Circuitry Vd                                           | 0.000  | Volts     |
| HV Battery Charge Power 10sec                                    | 51150  | watts     |
| HV Battery Power                                                 | 007530 | watts     |
| HV Battery Discharge Power 10sec                                 | 103998 | watts     |
| WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage | -2.6   | Volts     |
| Battery Full AmpHr Capacity                                      | 47     | AmpHrs    |
| Battery Lifetime Number Of Closes                                | 2054   |           |
| HV Battery Discharge Power 2sec                                  | 106302 | watts     |
| HV Battery Charge Power 2sec                                     | 66681  | watts     |
| Cell Impedance Max Discharge                                     | 0      | mOhms     |
| Battery Cell Voltage Minimum                                     | 4049   | mV        |
| Cell Impedance Mim Discharge                                     | 0      | mOhms     |
| HV Battery Voltage (cell sum)                                    | 389.70 | Volts     |
| HV Sensor B Bus\Link (Pre-Fuse) Voltage                          | 1.30   | Volts     |
| HV Sensor C OBCM (HV0BC Fuse) Voltage                            | 0.70   | Volts     |
| Battery Cell Voltage Average                                     | 4060   | mV        |
| HV Battery Voltage (Module Sum)                                  | 389.60 | Volts     |
| Battery Cell Voltage Maximum                                     | 4074   | mV        |
| HV Sensor D Heater (HVHTR Fuse) Voltage                          | 0.70   | Volts     |
| Battery Temperature Minimum Module                               | 72     | °F        |
| HV Sensor G Weld Contactor(Pack Negative) Voltage                | -2.6   | Volts     |
| Battery Temperature Maximum Module                               | 75     | °F        |
| HV Sensor A Pack Voltage                                         | 389.70 | Volts     |
| Isolation Vehicle Impedance                                      | 7.9707 | Mega Ohms |
| Battery Temperature Average Module                               | 73     | °F        |
| HV Cooling OBCM temp inlet Temp                                  | 73     | °F        |
| HV Cooling Battery coolant inlet temp                            | 70     | °F        |
| HV Cooling Battery coolant outlet temp                           | 72     | °F        |
| Isolation Battery Impedance                                      | 0.8480 | Mega Ohms |

#### HCP | P062C-00 | STORED | INTERNAL CONTROL MODULE VEHICLE SPEED PERFORMANCE-

| NAME                             | VALUE    | UNITS |
|----------------------------------|----------|-------|
| DTC                              | 06 2C 00 |       |
| Test Failed                      | False    |       |
| Test Failed This Operation Cycle | False    |       |
| Confirmed DTC                    | True     |       |
| Pending DTC                      | False    |       |
|                                  |          |       |

|                                         |                          |        |
|-----------------------------------------|--------------------------|--------|
| Test Failed Since Last Clear            | True                     |        |
| Test Not Completed Since Last Clear     | False                    |        |
| Warning Indicator Requested             | False                    |        |
| Test Not Completed This Operation Cycle | False                    |        |
| Occurrence flag                         | Occurrence               |        |
| Brake Switch Status                     | Not Applied              |        |
| Ignition State                          | Reserved                 |        |
| PRND Position Display                   | Blank                    |        |
| Propulsion System Active                | False                    |        |
| HCP System Shutdown Command             | Default                  |        |
| CBC Wake-Up Input                       | Off                      |        |
| HCP ePT Wake-Up Output                  | On                       |        |
| SW Build Release Version                | PIMC19A1809p0_1809A_RU_H |        |
| HCP SW Version                          | 1809A                    |        |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |        |
| APM Status                              | Idle                     |        |
| HV Contactor Status                     | Open                     |        |
| Impact Event                            | False                    |        |
| J1772 Prox Detected State               | Prox Out                 |        |
| OBCM Operating Mode                     | UTC                      |        |
| Hybrid System State                     | SNA                      |        |
| PHEV Charging Status                    | No Charging              |        |
| Most Recent Odometer Value              | 11434.8                  | miles  |
| Frequency Counter                       | 1                        |        |
| Original Odometer Value                 | 11434.8                  | miles  |
| Ignition Cycle Counter                  | 0                        |        |
| Real time clock                         | 31426608                 | sec    |
| RAM stamps keyOn                        | 210                      | sec    |
| RAM Stamps                              | 154313                   | Min    |
| Accelerator Pedal Position              | 0                        | %      |
| Engine Speed                            | 0                        | rpm    |
| Vehicle Speed                           | 15.0974                  | MPH    |
| HV Battery SOC                          | 86                       | %      |
| Motor A Temp Sensor                     | 63                       | °F     |
| Motor B Temp Sensor                     | 63                       | °F     |
| Barometric Pressure                     | 15                       | PSI    |
| Engine Coolant Temperature              | 59                       | °F     |
| Internal EPS Voltage Sense B            | 8.064                    | Volts  |
| Motor B Torque                          | 0.000                    | Ft-Lbs |
| Internal EPS Voltage Sense A            | 8.064                    | Volts  |
| Motor A Torque                          | 0.000                    | Ft-Lbs |
| Available Motor Torque - Motor A        | 87.205                   | Ft-Lbs |
| Actual Torque - Motor A                 | 0.000                    | Ft-Lbs |
| Available Motor Torque - Motor B        | 232.301                  | Ft-Lbs |
|                                         |                          |        |

|                                         |          |         |
|-----------------------------------------|----------|---------|
| Actual Torque - Motor B                 | 0.000    | Ft-Lbs  |
| Available Regen Torque - Motor A        | -87.205  | Ft-Lbs  |
| Available Regen Torque - Motor B        | -232.301 | Ft-Lbs  |
| Commanded Torque - Motor B              | 0.000    | Ft-Lbs  |
| Commanded Torque - Motor A              | 0.000    | Ft-Lbs  |
| Motor A - Inverter Current - phase B    | -4       | AMP     |
| Motor A - Inverter Current - phase A    | -4       | AMP     |
| Motor B - Inverter Current - phase A    | 0        | AMP     |
| Motor B - Inverter Current - phase C    | -4       | AMP     |
| Motor A - Inverter Current - phase C    | -4       | AMP     |
| Motor B Resolver Angle                  | 288      | Degree  |
| Motor B - Inverter Current - phase B    | 0        | AMP     |
| Motor A Resolver Angle                  | 278      | Degree  |
| Electric Motor A Speed                  | 3.0      | rpm     |
| PIM DC Link Voltage - A                 | 374      | Volts   |
| Electric Motor B Speed                  | 0.0      | rpm     |
| PIM DC Link Voltage - B                 | 374      | Volts   |
| Outside Air Temperature                 | 55.4     | °F      |
| HV Battery Voltage from BPCM            | 374.00   | Volts   |
| HV Battery Sleep Time                   | 0        | Days    |
| Battery Feed Voltage 1 Sense            | 13.608   | Volts   |
| Battery Feed Voltage 2 Sense            | 13.536   | Volts   |
| Battery Feed Voltage 3 Sense            | 13.464   | Volts   |
| Inverter A IGBT Temperature for phase A | 63       | °F      |
| Inverter A IGBT Temperature for phase B | 63       | °F      |
| Inverter B IGBT Temperature for phase A | 63       | °F      |
| Inverter A IGBT Temperature for phase C | 63       | °F      |
| Inverter B IGBT Temperature for phase B | 63       | °F      |
| Inverter B IGBT Temperature for phase C | 63       | °F      |
| Distance Travelled with Light ON        | 0        | miles   |
| GPS Date - Month                        | 1        |         |
| GPS Date - Year                         | 0        | Year    |
| UTC Time - Hours                        | 0        | Hours   |
| GPS Date - Day                          | 1        | Days    |
| UTC Time - Minutes                      | 0        |         |
| UTC Time - Seconds                      | 0        | seconds |
| ECU Time - Milliseconds                 | 0        | ms      |

**HCP | P0A3F-00 | STORED | DRIVE MOTOR A POSITION SENSOR 1 CIRCUIT-**

| NAME                             | VALUE    | UNITS |
|----------------------------------|----------|-------|
| DTC                              | 0A 3F 00 |       |
| Test Failed                      | False    |       |
| Pending DTC                      | True     |       |
| Test Failed This Operation Cycle | False    |       |

|                                                     |                         |        |
|-----------------------------------------------------|-------------------------|--------|
| Test Not Completed Since Last Clear                 | False                   |        |
| Test Failed Since Last Clear                        | True                    |        |
| Confirmed DTC                                       | True                    |        |
| Warning Indicator Requested                         | True                    |        |
| Test Not Completed This Operation Cycle             | False                   |        |
| Occurrence flag                                     | Occurrence              |        |
| PHEV Charging Status                                | No Charging             |        |
| Brake Switch Status                                 | Applied                 |        |
| Ignition State                                      | Reserved                |        |
| PRND Position Display                               | N                       |        |
| Propulsion System Active                            | False                   |        |
| 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 to Digital Low Level Driver Faults | Resolver Loss of Signal |        |
| Motor B Resolver to Digital Low Level Driver Faults | No fault                |        |
| Hybrid System State                                 | SNA                     |        |
| CBC Wake-Up Input                                   | Off                     |        |
| HCP ePT Wake-Up Output                              | On                      |        |
| EPT LOC Diag Enable                                 | Enable LOC Diagnostic   |        |
| HV Contactor Status                                 | Closed                  |        |
| APM Status                                          | Off                     |        |
| Impact Event                                        | False                   |        |
| HCP System Shutdown Command                         | Default                 |        |
| J1772 Prox Detected State                           | Prox Out                |        |
| OBCM Operating Mode                                 | UTC                     |        |
| Motor B Resolver Offset Learn Erase                 | not requested           |        |
| Original Odometer Value                             | 11434.8                 | miles  |
| Frequency Counter                                   | 33                      |        |
| Most Recent Odometer Value                          | 11434.8                 | miles  |
| Ignition Cycle Counter                              | 0                       |        |
| Real time clock                                     | 31452462                | sec    |
| RAM Stamps                                          | 154322                  | Min    |
| RAM stamps keyOn                                    | 30                      | sec    |
| Accelerator Pedal Position                          | 0                       | %      |
| HV Battery SOC                                      | 85                      | %      |
| Engine Speed                                        | 0                       | rpm    |
| Vehicle Speed                                       | 0.0146                  | MPH    |
| Motor B Temp Sensor                                 | 73                      | °F     |
| Engine Coolant Temperature                          | 118                     | °F     |
| Barometric Pressure                                 | 15                      | PSI    |
| Motor A Temp Sensor                                 | 84                      | °F     |
| Motor A Resolver Angle Offset                       | -7.60                   | Degree |
| Motor B Resolver Supply Voltage Value               | 15.75                   | Volts  |

|                                         |               |        |
|-----------------------------------------|---------------|--------|
| Motor B Resolver Angle Offset           | 2.40          | Degree |
| Motor A Resolver Supply Voltage Value   | 15.75         | Volts  |
| Battery Feed Voltage 2 Sense            | 14.544        | Volts  |
| Internal EPS Voltage Sense A            | 8.064         | Volts  |
| Internal EPS Voltage Sense B            | 8.136         | Volts  |
| Actual Torque - Motor A                 | 0.000         | Ft-Lbs |
| Available Motor Torque - Motor B        | 232.301       | Ft-Lbs |
| Available Motor Torque - Motor A        | 0.000         | Ft-Lbs |
| Available Regen Torque - Motor A        | 0.000         | Ft-Lbs |
| Actual Torque - Motor B                 | -0.092        | Ft-Lbs |
| Commanded Torque - Motor B              | 0.000         | Ft-Lbs |
| Commanded Torque - Motor A              | 0.000         | Ft-Lbs |
| Available Regen Torque - Motor B        | -232.301      | Ft-Lbs |
| Electric Motor A Speed                  | 3.5           | rpm    |
| Electric Motor B Speed                  | 0.5           | rpm    |
| Battery Feed Voltage 1 Sense            | 14.616        | Volts  |
| Battery Feed Voltage 3 Sense            | 14.472        | Volts  |
| Motor A - Inverter Current - phase A    | 0             | AMP    |
| Motor A - Inverter Current - phase C    | -4            | AMP    |
| Motor B - Inverter Current - phase A    | 0             | AMP    |
| Motor A - Inverter Current - phase B    | -4            | AMP    |
| Motor B - Inverter Current - phase C    | -4            | AMP    |
| Motor B - Inverter Current - phase B    | 0             | AMP    |
| Motor A Resolver Angle                  | Invalid Value | Degree |
| Motor B Resolver Angle                  | 36            | Degree |
| PIM DC Link Voltage - A                 | 386           | Volts  |
| Outside Air Temperature                 | 62.6          | °F     |
| HV Battery Voltage from BPCM            | 385.90        | Volts  |
| Inverter A IGBT Temperature for phase B | 73            | °F     |
| PIM DC Link Voltage - B                 | 386           | Volts  |
| Inverter B IGBT Temperature for phase A | 77            | °F     |
| Inverter A IGBT Temperature for phase A | 73            | °F     |
| Inverter A IGBT Temperature for phase C | 73            | °F     |
| Inverter B IGBT Temperature for phase B | 77            | °F     |
| Distance Travelled with Light ON        | 0             | miles  |
| Motor A Torque                          | 0.000         | Ft-Lbs |
| Inverter B IGBT Temperature for phase C | 77            | °F     |
| Motor B Torque                          | -0.092        | Ft-Lbs |
| HV Battery Sleep Time                   | 0             | Days   |
| Motor A Resolver Angle                  | Invalid Value | Degree |
| Motor B Resolver Angle                  | 36            | Degree |
| GPS Date - Month                        | 1             |        |
| UTC Time - Hours                        | 0             | Hours  |
| GPS Date - Year                         | 0             | Year   |

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

## HCP | P0A40-00 | STORED | DRIVE MOTOR A POSITION SENSOR 1 CIRCUIT RANGE/PERFORMANCE-

| NAME                                                | VALUE                         | UNITS |
|-----------------------------------------------------|-------------------------------|-------|
| DTC                                                 | 0A 40 00                      |       |
| Test Failed This Operation Cycle                    | False                         |       |
| Pending DTC                                         | False                         |       |
| Test Failed                                         | 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                    |       |
| Brake Switch Status                                 | Applied                       |       |
| PHEV Charging Status                                | No Charging                   |       |
| Ignition State                                      | Reserved                      |       |
| Propulsion System Active                            | False                         |       |
| PRND Position Display                               | P                             |       |
| Motor A Resolver Offset Learning Status Flag        | Applied                       |       |
| Motor B Resolver Offset Learning Status Flag        | Applied                       |       |
| Motor A Resolver Offset Learn Erase                 | not requested                 |       |
| Motor B Resolver to Digital Low Level Driver Faults | No fault                      |       |
| Motor A Resolver to Digital Low Level Driver Faults | Resolver Loss of Signal       |       |
| Hybrid System State                                 | Reserved                      |       |
| HCP ePT Wake-Up Output                              | On                            |       |
| EPT LOC Diag Enable                                 | Enable Limited LOC Diagnostic |       |
| CBC Wake-Up Input                                   | On                            |       |
| HV Contactor Status                                 | Closed                        |       |
| APM Status                                          | Off                           |       |
| HCP System Shutdown Command                         | Default                       |       |
| Impact Event                                        | False                         |       |
| OBCM Operating Mode                                 | UTC                           |       |
| J1772 Prox Detected State                           | Prox Out                      |       |
| Motor B Resolver Offset Learn Erase                 | not requested                 |       |
| Most Recent Odometer Value                          | 11434.8                       | miles |
| Frequency Counter                                   | 4                             |       |
| Original Odometer Value                             | 11434.8                       | miles |
| RAM stamps keyOn                                    | 60                            | sec   |
| Ignition Cycle Counter                              | 0                             |       |
| Real time clock                                     | 31452220                      | sec   |
|                                                     |                               |       |

|                                         |               |        |
|-----------------------------------------|---------------|--------|
| RAM Stamps                              | 154320        | Min    |
| Engine Speed                            | 1660          | rpm    |
| Accelerator Pedal Position              | 0             | %      |
| Motor A Temp Sensor                     | 84            | °F     |
| Vehicle Speed                           | 0.0000        | MPH    |
| HV Battery SOC                          | 85            | %      |
| Motor B Temp Sensor                     | 66            | °F     |
| Motor A Resolver Angle Offset           | -7.60         | Degree |
| Engine Coolant Temperature              | 120           | °F     |
| Barometric Pressure                     | 15            | PSI    |
| Motor B Resolver Angle Offset           | 2.80          | Degree |
| Battery Feed Voltage 2 Sense            | 12.672        | Volts  |
| Motor A Resolver Supply Voltage Value   | 15.75         | Volts  |
| Internal EPS Voltage Sense B            | 8.064         | Volts  |
| Motor B Resolver Supply Voltage Value   | 15.75         | Volts  |
| Actual Torque - Motor A                 | 0.000         | Ft-Lbs |
| Internal EPS Voltage Sense A            | 8.064         | Volts  |
| Available Motor Torque - Motor B        | 232.577       | Ft-Lbs |
| Actual Torque - Motor B                 | 0.553         | Ft-Lbs |
| Available Regen Torque - Motor A        | 0.000         | Ft-Lbs |
| Available Regen Torque - Motor B        | -232.577      | Ft-Lbs |
| Commanded Torque - Motor A              | 0.000         | Ft-Lbs |
| Available Motor Torque - Motor A        | 0.000         | Ft-Lbs |
| Electric Motor A Speed                  | 6536.5        | rpm    |
| Commanded Torque - Motor B              | 0.830         | Ft-Lbs |
| Electric Motor B Speed                  | 1.5           | rpm    |
| Battery Feed Voltage 3 Sense            | 12.600        | Volts  |
| Battery Feed Voltage 1 Sense            | 12.744        | Volts  |
| Motor A - Inverter Current - phase A    | -104          | AMP    |
| Motor A - Inverter Current - phase C    | -44           | AMP    |
| Motor B - Inverter Current - phase A    | -4            | AMP    |
| Motor A - Inverter Current - phase B    | 140           | AMP    |
| Motor B - Inverter Current - phase B    | -4            | AMP    |
| Motor A Resolver Angle                  | Invalid Value | Degree |
| Motor B - Inverter Current - phase C    | -4            | AMP    |
| Outside Air Temperature                 | 62.6          | °F     |
| HV Battery Voltage from BPCM            | 387.80        | Volts  |
| PIM DC Link Voltage - A                 | 388           | Volts  |
| Motor B Resolver Angle                  | 288           | Degree |
| Inverter A IGBT Temperature for phase A | 84            | °F     |
| PIM DC Link Voltage - B                 | 388           | Volts  |
| Inverter A IGBT Temperature for phase C | 86            | °F     |
| Inverter B IGBT Temperature for phase A | 84            | °F     |
| Inverter A IGBT Temperature for phase B | 88            | °F     |
|                                         |               |        |



|                                         |               |         |
|-----------------------------------------|---------------|---------|
| Inverter B IGBT Temperature for phase C | 82            | °F      |
| Inverter B IGBT Temperature for phase B | 86            | °F      |
| Distance Travelled with Light ON        | 0             | miles   |
| Motor A Torque                          | 0.000         | Ft-Lbs  |
| Motor B Torque                          | 0.553         | Ft-Lbs  |
| HV Battery Sleep Time                   | 0             | Days    |
| GPS Date - Year                         | 0             | Year    |
| Motor B Resolver Angle                  | 288           | Degree  |
| Motor A Resolver Angle                  | Invalid Value | Degree  |
| GPS Date - Month                        | 1             |         |
| GPS Date - Day                          | 1             | Days    |
| UTC Time - Hours                        | 0             | Hours   |
| UTC Time - Minutes                      | 0             |         |
| UTC Time - Seconds                      | 0             | seconds |
| ECU Time - Milliseconds                 | 0             | ms      |

### HCP | P0A43-00 | STORED | DRIVE MOTOR "A" POSITION SENSOR CIRCUIT INTERMITTENT

| NAME                                                | VALUE                          | UNITS |
|-----------------------------------------------------|--------------------------------|-------|
| DTC                                                 | 0A 43 00                       |       |
| Test Failed                                         | False                          |       |
| Test Failed This Operation Cycle                    | False                          |       |
| Pending DTC                                         | False                          |       |
| Test Not Completed Since Last Clear                 | False                          |       |
| Confirmed DTC                                       | True                           |       |
| Test Failed Since Last Clear                        | True                           |       |
| Test Not Completed This Operation Cycle             | False                          |       |
| Warning Indicator Requested                         | True                           |       |
| Occurrence flag                                     | Occurrence                     |       |
| Brake Switch Status                                 | Applied                        |       |
| PHEV Charging Status                                | No Charging                    |       |
| Propulsion System Active                            | False                          |       |
| Ignition State                                      | Reserved                       |       |
| PRND Position Display                               | N                              |       |
| Motor A Resolver Offset Learn Erase                 | not requested                  |       |
| Motor B Resolver Offset Learning Status Flag        | Applied                        |       |
| Motor A Resolver Offset Learning Status Flag        | Applied                        |       |
| Motor A Resolver to Digital Low Level Driver Faults | Resolver Degradation of Signal |       |
| Motor B Resolver to Digital Low Level Driver Faults | No fault                       |       |
| Hybrid System State                                 | SNA                            |       |
| HCP ePT Wake-Up Output                              | On                             |       |
| CBC Wake-Up Input                                   | On                             |       |
| EPT LOC Diag Enable                                 | Enable Limited LOC Diagnostic  |       |
| HV Contactor Status                                 | Open                           |       |
| Impact Event                                        | False                          |       |

|                                       |               |        |
|---------------------------------------|---------------|--------|
| APM Status                            | Idle          |        |
| HCP System Shutdown Command           | Default       |        |
| J1772 Prox Detected State             | Prox Out      |        |
| OBCM Operating Mode                   | UTC           |        |
| Motor B Resolver Offset Learn Erase   | not requested |        |
| Original Odometer Value               | 11434.8       | miles  |
| Most Recent Odometer Value            | 11434.8       | miles  |
| Frequency Counter                     | 15            |        |
| Ignition Cycle Counter                | 0             |        |
| RAM Stamps                            | 154321        | Min    |
| RAM stamps keyOn                      | 0             | sec    |
| Real time clock                       | 31452336      | sec    |
| Accelerator Pedal Position            | 0             | %      |
| Vehicle Speed                         | 0.0000        | MPH    |
| HV Battery SOC                        | 85            | %      |
| Engine Speed                          | 0             | rpm    |
| Motor B Temp Sensor                   | 68            | °F     |
| Engine Coolant Temperature            | 118           | °F     |
| Motor A Temp Sensor                   | 84            | °F     |
| Motor A Resolver Angle Offset         | -7.60         | Degree |
| Barometric Pressure                   | 15            | PSI    |
| Motor A Resolver Supply Voltage Value | 15.75         | Volts  |
| Motor B Resolver Supply Voltage Value | 15.75         | Volts  |
| Motor B Resolver Angle Offset         | 2.40          | Degree |
| Battery Feed Voltage 2 Sense          | 12.096        | Volts  |
| Internal EPS Voltage Sense A          | 0.864         | Volts  |
| Actual Torque - Motor A               | 0.000         | Ft-Lbs |
| Internal EPS Voltage Sense B          | 0.072         | Volts  |
| Actual Torque - Motor B               | 0.000         | Ft-Lbs |
| Available Motor Torque - Motor A      | 0.000         | Ft-Lbs |
| Available Motor Torque - Motor B      | 232.301       | Ft-Lbs |
| Commanded Torque - Motor A            | 0.000         | Ft-Lbs |
| Available Regen Torque - Motor A      | 0.000         | Ft-Lbs |
| Available Regen Torque - Motor B      | -232.301      | Ft-Lbs |
| Commanded Torque - Motor B            | 0.000         | Ft-Lbs |
| Electric Motor A Speed                | 4.0           | rpm    |
| Electric Motor B Speed                | 0.0           | rpm    |
| Battery Feed Voltage 1 Sense          | 12.096        | Volts  |
| Battery Feed Voltage 3 Sense          | 12.024        | Volts  |
| Motor A - Inverter Current - phase B  | 0             | AMP    |
| Motor A - Inverter Current - phase A  | -4            | AMP    |
| Motor B - Inverter Current - phase B  | -4            | AMP    |
| Motor A - Inverter Current - phase C  | 0             | AMP    |
| Motor B - Inverter Current - phase C  | 0             | AMP    |

|                                         |               |         |
|-----------------------------------------|---------------|---------|
| Motor B - Inverter Current - phase A    | -4            | AMP     |
| Motor A Resolver Angle                  | Invalid Value | Degree  |
| Outside Air Temperature                 | 62.6          | °F      |
| Motor B Resolver Angle                  | 72            | Degree  |
| HV Battery Voltage from BPCM            | 180.00        | Volts   |
| PIM DC Link Voltage - A                 | 6             | Volts   |
| Inverter A IGBT Temperature for phase A | 72            | °F      |
| PIM DC Link Voltage - B                 | 5             | Volts   |
| Inverter A IGBT Temperature for phase C | 72            | °F      |
| Inverter A IGBT Temperature for phase B | 72            | °F      |
| Inverter B IGBT Temperature for phase C | 72            | °F      |
| Inverter B IGBT Temperature for phase A | 72            | °F      |
| Distance Travelled with Light ON        | 0             | miles   |
| Inverter B IGBT Temperature for phase B | 72            | °F      |
| Motor A Torque                          | 0.000         | Ft-Lbs  |
| Motor B Torque                          | 0.000         | Ft-Lbs  |
| HV Battery Sleep Time                   | 0             | Days    |
| Motor B Resolver Angle                  | 72            | Degree  |
| Motor A Resolver Angle                  | Invalid Value | Degree  |
| GPS Date - Year                         | 0             | Year    |
| GPS Date - Day                          | 1             | Days    |
| UTC Time - Minutes                      | 0             |         |
| GPS Date - Month                        | 1             |         |
| UTC Time - Hours                        | 0             | Hours   |
| UTC Time - Seconds                      | 0             | seconds |
| ECU Time - Milliseconds                 | 0             | ms      |

### HCP | P0C19-00 | STORED | DRIVE MOTOR A TORQUE DELIVERED PERFORMANCE-

| NAME                                    | VALUE       | UNITS |
|-----------------------------------------|-------------|-------|
| DTC                                     | 0C 19 00    |       |
| Test Failed                             | False       |       |
| Test Failed This Operation Cycle        | False       |       |
| Pending DTC                             | True        |       |
| Test Not Completed Since Last Clear     | False       |       |
| Test Failed Since Last Clear            | True        |       |
| Test Not Completed This Operation Cycle | False       |       |
| Warning Indicator Requested             | True        |       |
| Occurrence flag                         | Occurrence  |       |
| Confirmed DTC                           | True        |       |
| Brake Switch Status                     | Applied     |       |
| PHEV Charging Status                    | No Charging |       |
| Ignition State                          | Reserved    |       |
| PRND Position Display                   | N           |       |
| Propulsion System Active                | False       |       |
|                                         |             |       |

|                                                                     |       |  |
|---------------------------------------------------------------------|-------|--|
| Motor A Phase U Short Fault - High-Side                             | False |  |
| Motor A Phase U Cross Conduction Fault - High-Side                  | False |  |
| Motor A Phase U Over Current Fault - High-Side                      | False |  |
| Motor A Phase U Thermal Warning Fault - High-Side                   | False |  |
| Motor A Phase U Thermal Shutdown Fault - High-Side                  | False |  |
| Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side | False |  |
| Motor A Phase U SPI Error Fault - High-Side                         | False |  |
| Motor A Phase U Hardware Error Fault - High-Side                    | False |  |
| Motor A Phase U Short Fault - Low-Side                              | False |  |
| Motor A Phase U Cross Conduction Fault - Low-Side                   | False |  |
| Motor A Phase U Thermal Warning Fault - Low-Side                    | False |  |
| Motor A Phase U Thermal Shutdown Fault - Low-Side                   | False |  |
| Motor A Phase U Over Current Fault - Low-Side                       | False |  |
| Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side  | False |  |
| Motor A Phase V Short Fault - High-Side                             | False |  |
| Motor A Phase V Cross Conduction Fault - High-Side                  | False |  |
| Motor A Phase V Over Current Fault - High-Side                      | False |  |
| Motor A Phase V Thermal Warning Fault - High-Side                   | False |  |
| Motor A Phase U SPI Error Fault - Low-Side                          | False |  |
| Motor A Phase U Hardware Error Fault - Low-Side                     | False |  |
| Motor A Phase V Thermal Shutdown Fault - High-Side                  | False |  |
| Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side | False |  |
| Motor A Phase V Hardware Error Fault - High-Side                    | False |  |
| Motor A Phase V Short Fault - Low-Side                              | False |  |
| Motor A Phase V Cross Conduction Fault - Low-Side                   | False |  |
| Motor A Phase V Over Current Fault - Low-Side                       | False |  |
| Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side  | False |  |
| Motor A Phase V SPI Error Fault - High-Side                         | False |  |
| Motor A Phase V Thermal Warning Fault - Low-Side                    | False |  |
| Motor A Phase V SPI Error Fault - Low-Side                          | False |  |
| Motor A Phase V Hardware Error Fault - Low-Side                     | False |  |
| Motor A Phase V Thermal Shutdown Fault - Low-Side                   | False |  |
| Motor A Phase W Thermal Shutdown Fault - High-Side                  | False |  |
| Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side  | False |  |
| Motor A Phase W SPI Error Fault - High-Side                         | False |  |
| Motor A Phase W Short Fault - High-Side                             | False |  |
| Motor A Phase W Over Current Fault - High-Side                      | False |  |
| Motor A Phase W Thermal Warning Fault - High-Side                   | False |  |
| Motor A Phase W Thermal Warning Fault - Low-Side                    | False |  |
| Motor A Phase W Thermal Shutdown Fault - Low-Side                   | False |  |
| Motor A Phase W Short Fault - Low-Side                              | False |  |
| Motor A Phase W Hardware Error Fault - High-Side                    | False |  |
| Motor A Phase W SPI Error Fault - Low-Side                          | False |  |
| Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side   | False |  |
|                                                                     |       |  |

|                                                                    |                            |  |
|--------------------------------------------------------------------|----------------------------|--|
| Motor A Phase W Hardware Error Fault - Low-Side                    | False                      |  |
| Motor A Phase W Cross Conduction Fault - Low-Side                  | False                      |  |
| Motor A Phase W Over Current Fault - Low-Side                      | False                      |  |
| Hybrid System State                                                | SNA                        |  |
| Inverter B Status Feedback                                         | Normal Off with HV Request |  |
| HV Contactor Status                                                | Closed                     |  |
| HCP ePT Wake-Up Output                                             | On                         |  |
| CBC Wake-Up Input                                                  | Off                        |  |
| EPT LOC Diag Enable                                                | Enable LOC Diagnostic      |  |
| Impact Event                                                       | False                      |  |
| HCP System Shutdown Command                                        | Default                    |  |
| APM Status                                                         | Off                        |  |
| J1772 Prox Detected State                                          | Prox Out                   |  |
| Motor A Phase U Over Voltage Fault VH - High-Side                  | False                      |  |
| Commanded Inverter A State                                         | Inverter Disabled          |  |
| Inverter Status Feedback                                           | Inverter Faulted           |  |
| Motor A Phase U Over Voltage Fault VL - High-Side                  | False                      |  |
| OBCM Operating Mode                                                | UTC                        |  |
| Motor A Phase U Over Voltage Fault VDD - High-Side                 | False                      |  |
| Motor A Phase U Under Voltage Fault VDD - High-Side                | False                      |  |
| Motor A Phase U Over Voltage Fault VH - Low-Side                   | False                      |  |
| Motor A Phase U Under Voltage Fault VH - Low-Side                  | False                      |  |
| Motor A Phase U Under Voltage Fault VL - Low-Side                  | False                      |  |
| Motor A Phase U Under Voltage Fault VL - High-Side                 | False                      |  |
| Motor A Phase U Under Voltage Fault VH - High-Side                 | False                      |  |
| Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side | False                      |  |
| Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side  | False                      |  |
| Motor A Phase V Over Voltage Fault VH - High-Side                  | False                      |  |
| Motor A Phase V Under Voltage Fault VH - High-Side                 | False                      |  |
| Motor A Phase U Over Voltage Fault VDD - Low-Side                  | False                      |  |
| Motor A Phase U Over Voltage Fault VL - Low-Side                   | False                      |  |
| Motor A Phase V Over Voltage Fault VL - High-Side                  | False                      |  |
| Motor A Phase U Under Voltage Fault VDD - Low-Side                 | False                      |  |
| Motor A Phase V Under Voltage Fault VDD - High-Side                | False                      |  |
| Motor A Phase V Over Voltage Fault VH - Low-Side                   | False                      |  |
| Motor A Phase V Under Voltage Fault VH - Low-Side                  | False                      |  |
| Motor A Phase V Under Voltage Fault VL - High-Side                 | False                      |  |
| Motor A Phase V Under Voltage Fault VDD - Low-Side                 | False                      |  |
| Motor A Phase V Over Voltage Fault VL - Low-Side                   | False                      |  |
| Motor A Phase V Over Voltage Fault VDD - High-SideSide             | False                      |  |
| Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side  | False                      |  |
| Motor A Phase W Cross Conduction Fault - High-Side                 | False                      |  |
| Motor A Phase W Over Voltage Fault VH - High-Side                  | False                      |  |
| Motor A Phase V Under Voltage Fault VL - Low-Side                  | False                      |  |
|                                                                    |                            |  |

|                                                                     |                  |        |
|---------------------------------------------------------------------|------------------|--------|
| Motor A Phase V Over Voltage Fault VDD - Low-Side                   | False            |        |
| Motor A Phase W Over Voltage Fault VL - High-Side                   | False            |        |
| Motor A Phase W Under Voltage Fault VL - High-Side                  | False            |        |
| Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side  | False            |        |
| Motor A Phase W Under Voltage Fault VDD - High-Side                 | False            |        |
| Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side | False            |        |
| Motor A Phase W Over Voltage Fault VH - Low-Side                    | False            |        |
| Motor A Phase W Under Voltage Fault VH - High-Side                  | False            |        |
| Motor A Phase W Under Voltage Fault VL - Low-Side                   | False            |        |
| Motor A Phase W Over Voltage Fault VDD - High-Side                  | False            |        |
| Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side  | False            |        |
| Motor A Phase W Over Voltage Fault VDD - Low-Side                   | False            |        |
| Motor A Phase W Under Voltage Fault VH - Low-Side                   | False            |        |
| Motor A Phase W Over Voltage Fault VL - Low-Side                    | False            |        |
| Inverter A Status Feedback                                          | Inverter Faulted |        |
| Motor A Phase W Under Voltage Fault VDD - Low-Side                  | False            |        |
| Accelerator Pedal Position                                          | 0                | %      |
| Most Recent Odometer Value                                          | 11434.8          | miles  |
| Real time clock                                                     | 31452462         | sec    |
| RAM stamps keyOn                                                    | 30               | sec    |
| Frequency Counter                                                   | 25               |        |
| Original Odometer Value                                             | 11434.8          | miles  |
| RAM Stamps                                                          | 154322           | Min    |
| Ignition Cycle Counter                                              | 0                |        |
| Barometric Pressure                                                 | 15               | PSI    |
| Engine Coolant Temperature                                          | 118              | °F     |
| Engine Speed                                                        | 0                | rpm    |
| HV Battery SOC                                                      | 85               | %      |
| Inverter A Input DC Current                                         | 0.0              | AMP    |
| Available Motor Torque - Motor A                                    | 0.000            | Ft-Lbs |
| Motor A - Inverter Current - phase C                                | -4               | AMP    |
| Motor A - Inverter Current - phase A                                | -4               | AMP    |
| Battery Feed Voltage 2 Sense                                        | 14.544           | Volts  |
| Battery Feed Voltage 3 Sense                                        | 14.472           | Volts  |
| Motor A Resolver Supply Voltage Value                               | 15.75            | Volts  |
| Vehicle Speed                                                       | 0.0146           | MPH    |
| Motor A - Inverter Current - phase B                                | 0                | AMP    |
| Electric Motor A Speed                                              | 3.5              | rpm    |
| Actual Torque - Motor A                                             | 0.000            | Ft-Lbs |
| PIM DC Link Voltage - A                                             | 386              | Volts  |
| PIM DC Link Voltage - B                                             | 386              | Volts  |
| Passive Pump Coolant Temp In Sensor                                 | 73               | °F     |
| Outside Air Temperature                                             | 62.6             | °F     |
| Internal EPS Voltage Sense B                                        | 8.064            | Volts  |
|                                                                     |                  |        |

|                                         |               |         |
|-----------------------------------------|---------------|---------|
| Internal EPS Voltage Sense A            | 8.064         | Volts   |
| Low Temp Active Pump Speed              | 0             | rpm     |
| High Temp Aux Pump - Actual Speed       | 3000          | rpm     |
| Available Regen Torque - Motor A        | 0.000         | Ft-Lbs  |
| Available Motor Torque - Motor B        | 232.301       | Ft-Lbs  |
| Battery Feed Voltage 1 Sense            | 14.616        | Volts   |
| Commanded Torque - Motor A              | 0.000         | Ft-Lbs  |
| Commanded Torque - Motor B              | 0.000         | Ft-Lbs  |
| Available Regen Torque - Motor B        | -232.301      | Ft-Lbs  |
| Actual Torque - Motor B                 | -0.092        | Ft-Lbs  |
| Motor B - Inverter Current - phase C    | -4            | AMP     |
| Motor B - Inverter Current - phase B    | 0             | AMP     |
| Motor B Resolver Angle                  | 36            | Degree  |
| Motor B - Inverter Current - phase A    | -4            | AMP     |
| Motor A Resolver Angle                  | Invalid Value | Degree  |
| Motor A Temp Sensor                     | 82            | °F      |
| Motor B Temp Sensor                     | 73            | °F      |
| Inverter A IGBT Temperature for phase B | 73            | °F      |
| Inverter A IGBT Temperature for phase C | 73            | °F      |
| Inverter B IGBT Temperature for phase C | 77            | °F      |
| Inverter B IGBT Temperature for phase A | 77            | °F      |
| Inverter B IGBT Temperature for phase B | 77            | °F      |
| HV Battery Voltage from BPCM            | 385.90        | Volts   |
| Electric Motor B Speed                  | 0.5           | rpm     |
| Distance Travelled with Light ON        | 0             | miles   |
| Inverter A IGBT Temperature for phase A | 73            | °F      |
| Motor B Torque                          | -0.092        | Ft-Lbs  |
| HV Battery Sleep Time                   | 0             | Days    |
| Motor A Resolver Angle                  | Invalid Value | Degree  |
| Motor A Torque                          | 0.000         | Ft-Lbs  |
| UTC Time - Minutes                      | 0             |         |
| GPS Date - Day                          | 1             | Days    |
| GPS Date - Month                        | 1             |         |
| GPS Date - Year                         | 0             | Year    |
| Motor A Temp Sensor                     | 82            | °F      |
| ECU Time - Milliseconds                 | 0             | ms      |
| UTC Time - Hours                        | 0             | Hours   |
| UTC Time - Seconds                      | 0             | seconds |

### HCP | P215B-00 | STORED | VEHICLE SPEED - OUTPUT SHAFT SPEED CORRELATION-

| NAME                             | VALUE    | UNITS |
|----------------------------------|----------|-------|
| DTC                              | 21 5B 00 |       |
| Test Failed                      | False    |       |
| Test Failed This Operation Cycle | False    |       |
|                                  |          |       |

|                                         |                          |        |
|-----------------------------------------|--------------------------|--------|
| Confirmed DTC                           | True                     |        |
| Pending DTC                             | False                    |        |
| Test Not Completed Since Last Clear     | False                    |        |
| Test Not Completed This Operation Cycle | False                    |        |
| Test Failed Since Last Clear            | True                     |        |
| Occurrence flag                         | Occurrence               |        |
| Warning Indicator Requested             | False                    |        |
| Brake Switch Status                     | Not Applied              |        |
| PRND Position Display                   | Blank                    |        |
| Ignition State                          | Reserved                 |        |
| Propulsion System Active                | False                    |        |
| HCP ePT Wake-Up Output                  | On                       |        |
| CBC Wake-Up Input                       | Off                      |        |
| HCP System Shutdown Command             | Default                  |        |
| SW Build Release Version                | PIMC19A1809p0_1809A_RU_H |        |
| HCP SW Version                          | 1809A                    |        |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |        |
| APM Status                              | Idle                     |        |
| HV Contactor Status                     | Open                     |        |
| Impact Event                            | False                    |        |
| OBCM Operating Mode                     | UTC                      |        |
| J1772 Prox Detected State               | Prox Out                 |        |
| Hybrid System State                     | SNA                      |        |
| PHEV Charging Status                    | No Charging              |        |
| Original Odometer Value                 | 11434.8                  | miles  |
| Most Recent Odometer Value              | 11434.8                  | miles  |
| Frequency Counter                       | 2                        |        |
| Real time clock                         | 31426648                 | sec    |
| Ignition Cycle Counter                  | 0                        |        |
| RAM Stamps                              | 154314                   | Min    |
| RAM stamps keyOn                        | 255                      | sec    |
| Accelerator Pedal Position              | 0                        | %      |
| HV Battery SOC                          | 86                       | %      |
| Engine Speed                            | 0                        | rpm    |
| Motor A Temp Sensor                     | 63                       | °F     |
| Vehicle Speed                           | 6.6700                   | MPH    |
| Motor B Temp Sensor                     | 63                       | °F     |
| Barometric Pressure                     | 15                       | PSI    |
| Engine Coolant Temperature              | 59                       | °F     |
| Internal EPS Voltage Sense A            | 0.072                    | Volts  |
| Motor A Torque                          | 0.000                    | Ft-Lbs |
| Internal EPS Voltage Sense B            | 0.000                    | Volts  |
| Actual Torque - Motor A                 | 0.000                    | Ft-Lbs |
| Available Motor Torque - Motor A        | 87.205                   | Ft-Lbs |
|                                         |                          |        |



|                                         |          |         |
|-----------------------------------------|----------|---------|
| Motor B Torque                          | 0.000    | Ft-Lbs  |
| Actual Torque - Motor B                 | 0.000    | Ft-Lbs  |
| Available Motor Torque - Motor B        | 232.301  | Ft-Lbs  |
| Available Regen Torque - Motor B        | -232.301 | Ft-Lbs  |
| Available Regen Torque - Motor A        | -87.205  | 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 B - Inverter Current - phase B    | 0        | AMP     |
| Motor A - Inverter Current - phase C    | 0        | AMP     |
| Motor B - Inverter Current - phase A    | -4       | AMP     |
| Motor B - Inverter Current - phase C    | -4       | AMP     |
| Motor B Resolver Angle                  | 288      | Degree  |
| Electric Motor A Speed                  | 3.0      | rpm     |
| Electric Motor B Speed                  | 0.0      | rpm     |
| Motor A Resolver Angle                  | 278      | Degree  |
| PIM DC Link Voltage - A                 | 6        | Volts   |
| PIM DC Link Voltage - B                 | 5        | Volts   |
| Outside Air Temperature                 | 55.4     | °F      |
| HV Battery Voltage from BPCM            | 180.00   | Volts   |
| HV Battery Sleep Time                   | 0        | Days    |
| Battery Feed Voltage 1 Sense            | 12.600   | Volts   |
| Battery Feed Voltage 2 Sense            | 12.528   | Volts   |
| Inverter A IGBT Temperature for phase A | 61       | °F      |
| Battery Feed Voltage 3 Sense            | 12.456   | Volts   |
| Inverter A IGBT Temperature for phase B | 63       | °F      |
| Inverter A IGBT Temperature for phase C | 61       | °F      |
| Inverter B IGBT Temperature for phase B | 63       | °F      |
| Inverter B IGBT Temperature for phase A | 63       | °F      |
| Inverter B IGBT Temperature for phase C | 63       | °F      |
| GPS Date - Year                         | 0        | Year    |
| Distance Travelled with Light ON        | 0        | miles   |
| GPS Date - Month                        | 1        |         |
| UTC Time - Hours                        | 0        | Hours   |
| GPS Date - Day                          | 1        | Days    |
| UTC Time - Minutes                      | 0        |         |
| UTC Time - Seconds                      | 0        | seconds |
| ECU Time - Milliseconds                 | 0        | ms      |

#### HCP | P26C3-00 | STORED | INTERNAL CONTROL MODULE ELECTRONIC SHIFTER PERFORMANCE-

| NAME                             | VALUE    | UNITS |
|----------------------------------|----------|-------|
| DTC                              | 26 C3 00 |       |
| Test Failed This Operation Cycle | False    |       |

|                                         |                                    |       |
|-----------------------------------------|------------------------------------|-------|
| Pending DTC                             | False                              |       |
| Test Failed                             | False                              |       |
| Test Not Completed Since Last Clear     | False                              |       |
| Test Failed Since Last Clear            | True                               |       |
| Test Not Completed This Operation Cycle | False                              |       |
| Warning Indicator Requested             | False                              |       |
| Confirmed DTC                           | True                               |       |
| Occurrence flag                         | Occurrence                         |       |
| PHEV Charging Status                    | No Charging                        |       |
| Brake Switch Status                     | Not Applied                        |       |
| Ignition State                          | Reserved                           |       |
| PRND Position Display                   | Blank                              |       |
| Shift Lock Status                       | Unlocked                           |       |
| Reverse Shift Lock Status               | Unlocked                           |       |
| Propulsion System Active                | False                              |       |
| Auto Correction Request                 | APCM Off                           |       |
| PRND Blink                              | Released                           |       |
| Park Pawl Motor Enable Feedback         | Disabled                           |       |
| Failure Reasons for Level 2 eShift      | Reserved                           |       |
| Park Pawl Motor Direction               | Out of Park/Move Towards Disengage |       |
| Park Pawl Status Feedback               | Segment Two Complete               |       |
| Park Gated Switch                       | Out of Park                        |       |
| Hybrid System State                     | Inverters Enabled                  |       |
| HCP ePT Wake-Up Output                  | On                                 |       |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic              |       |
| HV Contactor Status                     | Closed                             |       |
| CBC Wake-Up Input                       | Off                                |       |
| APM Status                              | Buck CV                            |       |
| Impact Event                            | False                              |       |
| HCP System Shutdown Command             | Default                            |       |
| OBCM Operating Mode                     | UTC                                |       |
| J1772 Prox Detected State               | Prox Out                           |       |
| RAM Stamps                              | 154313                             | Min   |
| Frequency Counter                       | 1                                  |       |
| Most Recent Odometer Value              | 11434.8                            | miles |
| RAM stamps keyOn                        | 210                                | sec   |
| Original Odometer Value                 | 11434.8                            | miles |
| Ignition Cycle Counter                  | 0                                  |       |
| Engine Speed                            | 0                                  | rpm   |
| Barometric Pressure                     | 15                                 | PSI   |
| Engine Coolant Temperature              | 61                                 | °F    |
| Accelerator Pedal Position              | 0                                  | %     |
| Park Pawl Motor Current                 | 0.1                                | AMP   |
| Real time clock                         | 31426608                           | sec   |

|                                         |          |        |
|-----------------------------------------|----------|--------|
| Vehicle Speed                           | 13.3498  | MPH    |
| HV Battery SOC                          | 86       | %      |
| Park Pawl Motor Counts                  | 397      | Counts |
| Park Pawl Motor PWM1                    | 0        | %      |
| PP Actuator Position Sensor Voltage     | 3.98     | Volts  |
| Internal EPS Voltage Sense B            | 8.064    | Volts  |
| Battery Feed Voltage 3 Sense            | 14.616   | Volts  |
| Battery Feed Voltage 2 Sense            | 14.760   | Volts  |
| Internal EPS Voltage Sense A            | 8.064    | Volts  |
| Actual Torque - Motor A                 | 0.000    | Ft-Lbs |
| Available Motor Torque - Motor A        | 87.205   | Ft-Lbs |
| Available Regen Torque - Motor B        | -232.301 | Ft-Lbs |
| Available Motor Torque - Motor B        | 232.301  | Ft-Lbs |
| Battery Feed Voltage 1 Sense            | 14.760   | Volts  |
| Commanded Torque - Motor A              | 0.000    | Ft-Lbs |
| Available Regen Torque - Motor A        | -87.205  | Ft-Lbs |
| Motor A - Inverter Current - phase B    | -84      | AMP    |
| Actual Torque - Motor B                 | 0.000    | Ft-Lbs |
| Motor A - Inverter Current - phase A    | -52      | AMP    |
| Motor B - Inverter Current - phase B    | -24      | AMP    |
| Motor B - Inverter Current - phase C    | 16       | AMP    |
| Motor A Temp Sensor                     | 63       | °F     |
| Motor B - Inverter Current - phase A    | 8        | AMP    |
| Motor A - Inverter Current - phase C    | 128      | AMP    |
| Commanded Torque - Motor B              | 0.000    | Ft-Lbs |
| Motor A Resolver Angle                  | 272      | Degree |
| Motor B Temp Sensor                     | 63       | °F     |
| Electric Motor B Speed                  | 0.0      | rpm    |
| HV Battery Voltage from BPCM            | 387.90   | Volts  |
| Outside Air Temperature                 | 55.4     | °F     |
| Motor B Resolver Angle                  | 288      | Degree |
| Inverter B IGBT Temperature for phase B | 63       | °F     |
| Inverter B IGBT Temperature for phase C | 63       | °F     |
| Inverter B IGBT Temperature for phase A | 63       | °F     |
| Inverter A IGBT Temperature for phase B | 63       | °F     |
| PIM DC Link Voltage - A                 | 388      | Volts  |
| PIM DC Link Voltage - B                 | 388      | Volts  |
| Inverter A IGBT Temperature for phase C | 63       | °F     |
| Electric Motor A Speed                  | 3.0      | rpm    |
| Motor A Torque                          | 0.000    | Ft-Lbs |
| Motor B Torque                          | 0.000    | Ft-Lbs |
| HV Battery Sleep Time                   | 0        | Days   |
| Inverter A IGBT Temperature for phase A | 61       | °F     |
| UTC Time - Hours                        | 0        | Hours  |

|                                  |   |         |
|----------------------------------|---|---------|
| Distance Travelled with Light ON | 0 | miles   |
| ECU Time - Milliseconds          | 0 | ms      |
| GPS Date - Year                  | 0 | Year    |
| GPS Date - Day                   | 1 | Days    |
| GPS Date - Month                 | 1 |         |
| UTC Time - Minutes               | 0 |         |
| UTC Time - Seconds               | 0 | seconds |

### HCP | U0415-00 | STORED | INVALID DATA RECEIVED FROM ANTI-LOCK BRAKE SYSTEM (ABS) CONTROL MODULE 'A'

| NAME                                    | VALUE                    | UNITS |
|-----------------------------------------|--------------------------|-------|
| Test Failed                             | False                    |       |
| DTC                                     | C4 15 00                 |       |
| Test Failed This Operation Cycle        | False                    |       |
| Pending DTC                             | False                    |       |
| Confirmed DTC                           | True                     |       |
| Test Failed Since Last Clear            | True                     |       |
| Test Not Completed This Operation Cycle | False                    |       |
| Test Not Completed Since Last Clear     | False                    |       |
| Warning Indicator Requested             | False                    |       |
| Occurrence flag                         | Occurrence               |       |
| Brake Switch Status                     | Applied                  |       |
| Ignition State                          | Ignition Off/ACC         |       |
| PRND Position Display                   | P                        |       |
| Propulsion System Active                | False                    |       |
| CBC Wake-Up Input                       | On                       |       |
| HCP ePT Wake-Up Output                  | On                       |       |
| HCP System Shutdown Command             | Default                  |       |
| SW Build Release Version                | PIMC19A1809p0_1809A_RU_H |       |
| HCP SW Version                          | 1809A                    |       |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |       |
| APM Status                              | Idle                     |       |
| HV Contactor Status                     | Open                     |       |
| Impact Event                            | False                    |       |
| J1772 Prox Detected State               | Prox Out                 |       |
| OBCM Operating Mode                     | UTC                      |       |
| Hybrid System State                     | SNA                      |       |
| PHEV Charging Status                    | No Charging              |       |
| Original Odometer Value                 | 11434.8                  | miles |
| Most Recent Odometer Value              | 11434.8                  | miles |
| Ignition Cycle Counter                  | 0                        |       |
| Real time clock                         | 31451622                 | sec   |
| RAM stamps keyOn                        | 180                      | sec   |
| Frequency Counter                       | 8                        |       |
| Engine Speed                            | 0                        | rpm   |

|                                         |               |        |
|-----------------------------------------|---------------|--------|
| Accelerator Pedal Position              | 0             | %      |
| RAM Stamps                              | 154319        | Min    |
| HV Battery SOC                          | 85            | %      |
| Vehicle Speed                           | 0.0000        | MPH    |
| Motor A Temp Sensor                     | 84            | °F     |
| Motor B Temp Sensor                     | 68            | °F     |
| Engine Coolant Temperature              | 140           | °F     |
| Barometric Pressure                     | 15            | PSI    |
| Internal EPS Voltage Sense A            | 4.104         | Volts  |
| Internal EPS Voltage Sense B            | 2.088         | Volts  |
| Motor B Torque                          | 0.000         | Ft-Lbs |
| Motor A Torque                          | 0.000         | Ft-Lbs |
| Actual Torque - Motor A                 | 0.000         | Ft-Lbs |
| Actual Torque - Motor B                 | 0.000         | Ft-Lbs |
| Available Motor Torque - Motor B        | 232.301       | Ft-Lbs |
| Available Motor Torque - Motor A        | 0.000         | Ft-Lbs |
| Available Regen Torque - Motor A        | 0.000         | Ft-Lbs |
| Available Regen Torque - Motor B        | -232.301      | Ft-Lbs |
| Commanded Torque - Motor B              | 0.000         | Ft-Lbs |
| Commanded Torque - Motor A              | 0.000         | Ft-Lbs |
| Motor A - Inverter Current - phase B    | -4            | AMP    |
| Motor A - Inverter Current - phase A    | -4            | AMP    |
| Motor A - Inverter Current - phase C    | -4            | AMP    |
| Motor B - Inverter Current - phase A    | 0             | AMP    |
| Motor B - Inverter Current - phase B    | 0             | AMP    |
| Motor B - Inverter Current - phase C    | -4            | AMP    |
| Motor B Resolver Angle                  | 288           | Degree |
| Electric Motor A Speed                  | 3.0           | rpm    |
| Electric Motor B Speed                  | 0.0           | rpm    |
| Motor A Resolver Angle                  | Invalid Value | Degree |
| PIM DC Link Voltage - B                 | 5             | Volts  |
| HV Battery Voltage from BPCM            | 180.00        | Volts  |
| PIM DC Link Voltage - A                 | 6             | Volts  |
| Outside Air Temperature                 | 62.6          | °F     |
| HV Battery Sleep Time                   | 0             | Days   |
| Battery Feed Voltage 1 Sense            | 12.744        | Volts  |
| Battery Feed Voltage 2 Sense            | 12.672        | Volts  |
| Battery Feed Voltage 3 Sense            | 12.600        | Volts  |
| Inverter A IGBT Temperature for phase B | 72            | °F     |
| Inverter A IGBT Temperature for phase A | 70            | °F     |
| Inverter A IGBT Temperature for phase C | 72            | °F     |
| Inverter B IGBT Temperature for phase A | 72            | °F     |
| Inverter B IGBT Temperature for phase B | 72            | °F     |
| Inverter B IGBT Temperature for phase C | 70            | °F     |

|                                  |   |         |
|----------------------------------|---|---------|
| GPS Date - Year                  | 0 | Year    |
| Distance Travelled with Light ON | 0 | miles   |
| GPS Date - Month                 | 1 |         |
| UTC Time - Hours                 | 0 | Hours   |
| GPS Date - Day                   | 1 | Days    |
| UTC Time - Minutes               | 0 |         |
| UTC Time - Seconds               | 0 | seconds |
| ECU Time - Milliseconds          | 0 | ms      |

## HCP | U1852-00 | STORED | IMPLAUSIBLE DATA RECEIVED FROM ABS ON D-PT

| NAME                                    | VALUE                    | UNITS |
|-----------------------------------------|--------------------------|-------|
| DTC                                     | D8 52 00                 |       |
| Test Failed This Operation Cycle        | False                    |       |
| Test Failed                             | False                    |       |
| Confirmed DTC                           | True                     |       |
| Pending DTC                             | False                    |       |
| 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               |       |
| Brake Switch Status                     | Applied                  |       |
| Ignition State                          | Ignition Off/ACC         |       |
| Propulsion System Active                | False                    |       |
| PRND Position Display                   | P                        |       |
| HCP ePT Wake-Up Output                  | On                       |       |
| CBC Wake-Up Input                       | On                       |       |
| HCP System Shutdown Command             | Default                  |       |
| SW Build Release Version                | PIMC19A1809p0_1809A_RU_H |       |
| HCP SW Version                          | 1809A                    |       |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |       |
| APM Status                              | Idle                     |       |
| HV Contactor Status                     | Open                     |       |
| Impact Event                            | False                    |       |
| OBCM Operating Mode                     | UTC                      |       |
| J1772 Prox Detected State               | Prox Out                 |       |
| Hybrid System State                     | SNA                      |       |
| PHEV Charging Status                    | No Charging              |       |
| Original Odometer Value                 | 11434.8                  | miles |
| Frequency Counter                       | 8                        |       |
| Most Recent Odometer Value              | 11434.8                  | miles |
| Real time clock                         | 31451622                 | sec   |
| Ignition Cycle Counter                  | 0                        |       |
| RAM stamps keyOn                        | 180                      | sec   |
|                                         |                          |       |

|                                         |               |        |
|-----------------------------------------|---------------|--------|
| Accelerator Pedal Position              | 0             | %      |
| RAM Stamps                              | 154319        | Min    |
| Engine Speed                            | 0             | rpm    |
| HV Battery SOC                          | 85            | %      |
| Motor A Temp Sensor                     | 84            | °F     |
| Vehicle Speed                           | 0.0000        | MPH    |
| Engine Coolant Temperature              | 140           | °F     |
| Motor B Temp Sensor                     | 68            | °F     |
| Barometric Pressure                     | 15            | PSI    |
| Internal EPS Voltage Sense A            | 4.104         | Volts  |
| Internal EPS Voltage Sense B            | 2.088         | Volts  |
| Motor A Torque                          | 0.000         | Ft-Lbs |
| Actual Torque - Motor A                 | 0.000         | Ft-Lbs |
| Motor B Torque                          | 0.000         | Ft-Lbs |
| Actual Torque - Motor B                 | 0.000         | Ft-Lbs |
| Available Motor Torque - Motor A        | 0.000         | Ft-Lbs |
| Available Motor Torque - Motor B        | 232.301       | Ft-Lbs |
| Available Regen Torque - Motor A        | 0.000         | Ft-Lbs |
| Commanded Torque - Motor B              | 0.000         | Ft-Lbs |
| Available Regen Torque - Motor B        | -232.301      | Ft-Lbs |
| Commanded Torque - Motor A              | 0.000         | Ft-Lbs |
| Motor A - Inverter Current - phase A    | -4            | AMP    |
| Motor A - Inverter Current - phase B    | 0             | AMP    |
| Motor B - Inverter Current - phase A    | -4            | AMP    |
| Motor A - Inverter Current - phase C    | -4            | AMP    |
| Motor B - Inverter Current - phase B    | -4            | AMP    |
| Motor B - Inverter Current - phase C    | 0             | AMP    |
| Motor A Resolver Angle                  | Invalid Value | Degree |
| Motor B Resolver Angle                  | 288           | Degree |
| Electric Motor A Speed                  | 3.0           | rpm    |
| Electric Motor B Speed                  | 0.0           | rpm    |
| PIM DC Link Voltage - B                 | 5             | Volts  |
| PIM DC Link Voltage - A                 | 6             | Volts  |
| HV Battery Voltage from BPCM            | 180.00        | Volts  |
| Outside Air Temperature                 | 62.6          | °F     |
| HV Battery Sleep Time                   | 0             | Days   |
| Battery Feed Voltage 1 Sense            | 12.744        | Volts  |
| Battery Feed Voltage 2 Sense            | 12.672        | Volts  |
| Battery Feed Voltage 3 Sense            | 12.600        | Volts  |
| Inverter A IGBT Temperature for phase A | 70            | °F     |
| Inverter A IGBT Temperature for phase C | 72            | °F     |
| Inverter A IGBT Temperature for phase B | 72            | °F     |
| Inverter B IGBT Temperature for phase A | 72            | °F     |
| Inverter B IGBT Temperature for phase B | 72            | °F     |
|                                         |               |        |

|                                         |    |         |
|-----------------------------------------|----|---------|
| Inverter B IGBT Temperature for phase C | 70 | °F      |
| Distance Travelled with Light ON        | 0  | miles   |
| GPS Date - Year                         | 0  | Year    |
| GPS Date - Month                        | 1  |         |
| GPS Date - Day                          | 1  | Days    |
| UTC Time - Hours                        | 0  | Hours   |
| UTC Time - Seconds                      | 0  | seconds |
| UTC Time - Minutes                      | 0  |         |
| ECU Time - Milliseconds                 | 0  | ms      |

**MSMP | U1143-00 | ACTIVE | LOST COMMUNICATION WITH POWER SLIDING DOOR MODULE - LEFT-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| Test Failed                             | True       |       |
| Test Failed This Operation Cycle        | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 01         |       |
| Occurrence flag                         | Occurrence |       |
| Test Not Completed Since Last Clear     | False      |       |
| Pending DTC                             | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Confirmed DTC                           | True       |       |
| Most Recent Odometer Value              | 11413      | miles |
| Frequency Counter                       | 1          |       |
| Original Odometer Value                 | 11413      | miles |
| Ignition Cycle Counter                  | 0          |       |

**ABSO | C0501-00 | STORED | LEFT FRONT WHEEL SPEED SENSOR 'A' RANGE/PERFORMANCE-**

| NAME                                    | VALUE        | UNITS |
|-----------------------------------------|--------------|-------|
| Test Failed                             | False        |       |
| DTC                                     | 45 01 00     |       |
| Pending DTC                             | False        |       |
| Confirmed DTC                           | True         |       |
| Test Not Completed Since Last Clear     | False        |       |
| Test Failed This Operation Cycle        | False        |       |
| Test Failed Since Last Clear            | False        |       |
| Warning Indicator Requested             | True         |       |
| Occurrence flag                         | Error        |       |
| Test Not Completed This Operation Cycle | True         |       |
| Undervoltage Suspected                  | No           |       |
| Controller Event                        | No           |       |
| Mirror Memory                           | No           |       |
| Current System Mode                     | Ignition Run |       |
| Previous System Mode                    | Ignition Run |       |



|                                     |                                 |       |
|-------------------------------------|---------------------------------|-------|
| Brake Pedal Status                  | Released                        |       |
| System Condition                    | OK                              |       |
| Rotation Direction Left Front       | Forward                         |       |
| Rotation Direction Right Front      | Forward                         |       |
| Rotation Direction Left Rear        | Forward                         |       |
| Rotation Direction Right Rear       | Forward                         |       |
| ASR control                         | Not Active                      |       |
| MSR control                         | Not Active                      |       |
| ABS control                         | Not Active                      |       |
| EBV control                         | Not Active                      |       |
| HSA control                         | Not Active                      |       |
| Hold                                | No                              |       |
| ESP Control                         | Not Active                      |       |
| Plant Mode                          | No                              |       |
| HBA control                         | Not Active                      |       |
| EPB Mode Status                     | Static                          |       |
| Braking assistance system           | No assistance system is braking |       |
| BLS Low                             | Yes                             |       |
| Park Brake                          | Not Activated                   |       |
| BLS High                            | No                              |       |
| Stop Coordinator Active             | No                              |       |
| Clutch                              | Not Activated                   |       |
| ESP-OFF mode                        | No                              |       |
| Transmission selector lever setting | P                               |       |
| Actual Gear                         | P                               |       |
| Status Parking Brake Left           | Brake is Released               |       |
| Status Parking Brake Right          | Brake is Released               |       |
| EPB Switch Status                   | Idle                            |       |
| Original Odometer Value             | 11433                           | miles |
| Frequency Counter                   | 1                               |       |
| Ignition Cycle Counter              | 0                               |       |
| Most Recent Odometer Value          | 11433                           | miles |
| Supply Voltage Valves               | 14.7                            | V     |
| Supply voltage Pump                 | 14.6                            | V     |
| Fault Time                          | 915.80                          | S     |
| Ignition Unfiltered                 | 14.7                            | V     |
| Brake Pedal Travel Sensor Position  | 0                               | %     |
| Wheel Speed Right Front             | 0.000                           | MPH   |
| Wheel Speed Left Front              | 0.000                           | MPH   |
| Wheel Speed Left Rear               | 10.066                          | MPH   |
| Wheel Speed Right Rear              | 11.185                          | MPH   |
| Steering Wheel Angle                | 0.00                            | °     |
| Longitudinal Acceleration           | 1.74                            | m/s^2 |
| Lateral Acceleration                | 1.74                            | m/s^2 |
|                                     |                                 |       |

|                            |        |     |
|----------------------------|--------|-----|
| Yaw Rate                   | 17.595 | °/s |
| Primary Circuit Pressure   | 0.00   | PSI |
| Accelerator Pedal Position | 0.0    | %   |
| Engine Speed               | 0.0    | rpm |
| Supplier Internal Code     | 504    |     |

**ABSO | C0507-00 | STORED | RIGHT FRONT WHEEL SPEED SENSOR 'A' RANGE/PERFORMANCE-**

| NAME                                    | VALUE                           | UNITS |
|-----------------------------------------|---------------------------------|-------|
| DTC                                     | 45 07 00                        |       |
| Test Failed                             | False                           |       |
| Test Failed This Operation Cycle        | False                           |       |
| Confirmed DTC                           | True                            |       |
| Test Not Completed Since Last Clear     | False                           |       |
| Pending DTC                             | False                           |       |
| Test Not Completed This Operation Cycle | True                            |       |
| Test Failed Since Last Clear            | False                           |       |
| Controller Event                        | No                              |       |
| Occurrence flag                         | Error                           |       |
| Warning Indicator Requested             | True                            |       |
| Mirror Memory                           | No                              |       |
| Undervoltage Suspected                  | No                              |       |
| System Condition                        | OK                              |       |
| Current System Mode                     | Ignition Run                    |       |
| Previous System Mode                    | Ignition Run                    |       |
| Brake Pedal Status                      | Released                        |       |
| Rotation Direction Left Front           | Forward                         |       |
| Rotation Direction Right Front          | Forward                         |       |
| Rotation Direction Left Rear            | Forward                         |       |
| Rotation Direction Right Rear           | Forward                         |       |
| ABS control                             | Not Active                      |       |
| ASR control                             | Not Active                      |       |
| MSR control                             | Not Active                      |       |
| ESP Control                             | Not Active                      |       |
| HSA control                             | Not Active                      |       |
| EBV control                             | Not Active                      |       |
| Braking assistance system               | No assistance system is braking |       |
| Plant Mode                              | No                              |       |
| Hold                                    | No                              |       |
| HBA control                             | Not Active                      |       |
| EPB Mode Status                         | Static                          |       |
| BLS High                                | No                              |       |
| BLS Low                                 | Yes                             |       |
| ESP-OFF mode                            | No                              |       |
| Stop Coordinator Active                 | No                              |       |

|                                     |                   |       |
|-------------------------------------|-------------------|-------|
| Park Brake                          | Not Activated     |       |
| Actual Gear                         | P                 |       |
| Clutch                              | Not Activated     |       |
| EPB Switch Status                   | Idle              |       |
| Transmission selector lever setting | P                 |       |
| Status Parking Brake Right          | Brake is Released |       |
| Status Parking Brake Left           | Brake is Released |       |
| Most Recent Odometer Value          | 11433             | miles |
| Frequency Counter                   | 1                 |       |
| Fault Time                          | 915.80            | S     |
| Ignition Cycle Counter              | 0                 |       |
| Original Odometer Value             | 11433             | miles |
| Supply Voltage Valves               | 14.7              | V     |
| Brake Pedal Travel Sensor Position  | 0                 | %     |
| Ignition Unfiltered                 | 14.7              | V     |
| Wheel Speed Left Rear               | 10.066            | MPH   |
| Supply voltage Pump                 | 14.6              | V     |
| Wheel Speed Right Front             | 0.000             | MPH   |
| Wheel Speed Left Front              | 0.000             | MPH   |
| Wheel Speed Right Rear              | 11.185            | MPH   |
| Longitudinal Acceleration           | 1.74              | m/s^2 |
| Engine Speed                        | 0.0               | rpm   |
| Lateral Acceleration                | 1.74              | m/s^2 |
| Yaw Rate                            | 17.595            | °/s   |
| Steering Wheel Angle                | 0.00              | °     |
| Primary Circuit Pressure            | 0.00              | PSI   |
| Accelerator Pedal Position          | 0.0               | %     |
| Supplier Internal Code              | 517               |       |

## SNAPSHOT DATA SUMMARY



## VEHICLE SCAN REPORT

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

**Odometer** 11434.8 miles  
**Publication Date** Jun 22, 2020, 10:11:29 AM

### ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | CURRENT   | [REDACTED] | ORIGINAL V | PART #     |
|-------|--------------------------------|----------|--------------|-----------|------------|------------|------------|
| PCM   | Powertrain Control Module      | CAN-C    | 68416680AE   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68416680AE |
| ICS   | Integrated Center Stack        | CAN-I    | 6EV321X8AB   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 6EV321X8AB |
| RFH   | Radio Frequency Hub            | CAN-C    | 68383680AC   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68383680AC |
| ESM   | Electronic Shifter             | CAN-C    | 68240089AL   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68240089AL |
| ORC   | Occupant Restraint             | CAN-C    | 68405567AC   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68405567AC |
| EPS   | Electric Power Steering        | CAN-C    | 68416741AA   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68416741AA |
| HVAC  | Heat, Ventilation and A/C      | CAN-I    | 68406613AA   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68406613AA |
| DDM   | Driver Door Module             | CAN-I    | 68316559AD   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68316559AD |
| PDM   | Passenger Door Module          | CAN-I    | 68316558AD   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68316558AD |
| DMRL  | Door Module Rear Left          | CAN-I    | 68225096AG   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68225096AG |
| DMRR  | Door Module Rear Right         | CAN-I    | 68225096AG   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68225096AG |
| PSDML | Power Sliding Doors (Left)     | CAN-I    | 68369596AB   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68369596AB |
| PSDMR | Power Sliding Doors (Right)    | CAN-I    | 68369596AB   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68369596AB |
| MSM   | Memory Seat Module             | CAN-I    | 68321862AC   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68321862AC |
| PLGM  | Power Liftgate                 | CAN-I    | 68316094AF   | ????????? | [REDACTED] | ?????????  | 68316094AF |
| AMP   | Amplifier                      | CAN-I    | 68440634AB   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68440634AB |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68405292AC   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68405292AC |
| PTS   | Parktronics                    | CAN-C    | 68193775AJ   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68193775AJ |
| SCCM  | Steering Column Control Module | CAN-C    | 68360889AC   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68360889AC |
| BCM   | Body Controller                | CAN-C    | 68402177AB   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68402177AB |
| ACC   | Adaptive Cruise Control        | CAN-C    | 04672758AB   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 04672758AB |
| HSM   | Heated Seat Module             | CAN-I    | 68421106AA   | 2C4RC1N   | [REDACTED] | 2C4RC1N7   | 68421106AA |

|       |                                    |       |            |          |         |            |
|-------|------------------------------------|-------|------------|----------|---------|------------|
| RADIO | Radio                              | CAN-I | 68429204AB | 2C4RC1   | 2C4RC1N | 68429204AB |
| OCM   | Occupant Classification            | CAN-C | 68403127AA | 2C4RC1N7 | 2C4RC1N | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB | 2C4RC1N7 | 2C4RC1N | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AB | 2C4RC1N7 | 2C4RC1N | 04672786AB |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AB | 2C4RC1N7 | 2C4RC1N | 04672786AB |
| FFCM  | Forward Facing Camera Module       | CAN-C | 04672776AA | 2C4RC1N7 | 2C4RC1N | 04672776AA |
| EDM   | External Disc Module               | CAN-I | 68378304AA | 2C4RC1N7 | 2C4RC1N | 68378304AA |
| APM   | Accessory Power Module             | CAN-C | 05185046AB | 2C4RC1N7 | 2C4RC1N | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 68429967AD | 2C4RC1N7 | 2C4RC1N | 68429967AD |
| HCP   | Hybrid Control Processor           | CAN-C | 05190240AN | 2C4RC1N7 | 2C4RC1N | 05190240AN |
| OBCM  | On Board Charging Module           | CAN-C | 05185047AD | 2C4RC1N7 | 2C4RC1N | 05185047AD |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC | 2C4RC1N7 | 2C4RC1N | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68316174AB | 2C4RC1N7 | 2C4RC1N | 68316174AB |
| VRM   | Video Routing Module               | CAN-I | 68376134AE | 2C4RC1N7 | 2C4RC1N | 68376134AE |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 68395990AA | 2C4RC1N7 | 2C4RC1N | 68395990AA |
| CVPM  | Central vision processing module   | CAN-I | 68375113AB | 2C4RC1N7 | 2C4RC1N | 68375113AB |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG | 2C4RC1N7 | 2C4RC1N | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05190241AN | 2C4RC1N7 | 2C4RC1N | 05190241AN |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68240033AJ | 2C4RC1N7 | 2C4RC1N | 68240033AJ |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68433481AB | 2C4RC1N7 | 2C4RC1N | 68433481AB |
| SGW   | Security Gateway Module            | CAN-C | 68420261AA |          | 2C4RC1N | 68420261AA |

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

| ECU  | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT | CVNS     |
|------|--------------|------------------|------------------|-------|----------|
| PCM  | USA          | 1B 47            | 91 05 01         | 4459  | 4D1D9F87 |
| ICS  | USA          | 0F 0C 00         | 11 16 00         | 4700  |          |
| RFH  | USA / USA    | 10 17 00         | 12 18 00         | 4A00  |          |
| ESM  | USA / USA    | 0F 24 00         | 12 02 FF         | 4402  |          |
| ORC  | USA / USA    | 11 1F 00         | 12 2B 00         | 4301  |          |
| EPS  | USA / USA    | 12 02 03         | 11 15 01         | 4502  |          |
| HVAC | USA          | 0E 09 00         | 11 29 01         | 4401  |          |
|      |              |                  |                  |       |          |

|       |           |          |          |      |                                  |
|-------|-----------|----------|----------|------|----------------------------------|
| DDM   | USA / USA | 11 30 00 | 17 42 00 | 4102 |                                  |
| PDM   | USA       | 11 30 00 | 17 42 00 | 4102 |                                  |
| DMRL  | USA / USA | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| DMRR  | USA / USA | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| PSDML | USA / USA | 10 17 00 | 11 2D 10 | 4001 |                                  |
| PSDMR | USA / USA | 10 17 00 | 11 2D 10 | 4001 |                                  |
| MSM   | USA       | 0F 2B 00 | 10 27 03 | 4101 |                                  |
| PLGM  | USA       | 17 19 00 | 18 22 00 | 4202 |                                  |
| AMP   | USA       | 0F 05 01 | 12 2D 01 | 4021 |                                  |
| IPC   | USA / USA | 12 0A 00 | 12 10 00 | 4704 |                                  |
| PTS   | USA       | 0E 32 00 | 12 1F 00 | 4311 |                                  |
| SCCM  | USA       | 0E 30 00 | 10 2B 00 | 4301 |                                  |
| BCM   | USA       | 0D 11 00 | 12 0B 90 | 4415 |                                  |
| ACC   | USA / USA | 13 07 00 | 11 0D 00 | 4201 |                                  |
| HSM   | USA / USA | 15 12 00 | 12 05 01 | 4003 |                                  |
| RADIO | USA       | 13 0B 4D | 13 0B 4D | 8205 |                                  |
| OCM   | USA / USA | 11 1F 01 | 0E 2F 02 | 4030 |                                  |
| HVACR | USA       | 0E 09 00 | 10 03 02 | 4301 |                                  |
| LBSS  | USA / USA | 11 30 02 | 12 0D 00 | 4202 |                                  |
| RBSS  | USA / USA | 11 30 02 | 12 0D 00 | 4202 |                                  |
| FFCM  | USA / USA | 11 06 00 | 11 2B 00 | 4102 |                                  |
| EDM   | USA       | 12 0A 00 | 11 08 00 | 4000 |                                  |
| APM   | USA / USA | 11 32 00 | 11 32 00 | 4001 |                                  |
| BPCM  |           | 0E 03 00 | 12 07 04 | 4005 | FEDBFE12                         |
| HCP   | USA       | 11 1D 07 | 12 29 01 | 4004 | 5222F843<br>EBC2A42D<br>31B4913E |
| OBCM  | USA       | 0F 0D 00 | 11 2B 00 | 4002 |                                  |
| MSMP  | USA       | 0F 2B 00 | 10 27 03 | 4001 |                                  |
| DSM   | USA / USA | 11 16 00 | 11 15 00 | 4000 |                                  |
| VRM   | USA / USA | 0F 1C 00 | 11 32 13 | 4001 |                                  |
| RCCC  | USA       | 0F 1D 00 | 11 16 00 | 4000 |                                  |
| CVPM  | USA / USA | 11 32 01 | 12 33 00 | 4003 |                                  |
| EAC   | USA       | 0E 34 00 | 12 0F 00 | 4102 |                                  |
| AHCP  | USA       | 11 1D 07 | 12 29 01 | 4000 |                                  |
| EBBM  | USA       | 0E 19 02 | 11 18 14 | 4000 | BBFD096B                         |
| ABSO  | USA       | 0E 15 02 | 12 2F 1C | 4201 | 79AC82DE                         |
| SGW   |           | 5        | 564      | 4103 |                                  |

## DTC SUMMARY

| ECU | DTC CODE | DTC DESCRIPTION                             | STATUS |
|-----|----------|---------------------------------------------|--------|
| HCP | P0A3F-00 | Drive Motor A Position Sensor 1 Circuit-    | Active |
| HCP | P0C19-00 | Drive Motor A Torque Delivered Performance- | Active |

## ENVIRONMENTAL DATA SUMMARY

**HCP | P0A3F-00 | ACTIVE | DRIVE MOTOR A POSITION SENSOR 1 CIRCUIT**

| NAME                                                | VALUE                   | UNITS |
|-----------------------------------------------------|-------------------------|-------|
| DTC                                                 | 0A 3F 00                |       |
| Test Failed                                         | True                    |       |
| Test Not Completed Since Last Clear                 | False                   |       |
| Pending DTC                                         | True                    |       |
| Occurrence flag                                     | Occurrence              |       |
| Test Failed Since Last Clear                        | True                    |       |
| Warning Indicator Requested                         | True                    |       |
| Confirmed DTC                                       | True                    |       |
| Test Not Completed This Operation Cycle             | False                   |       |
| Test Failed This Operation Cycle                    | True                    |       |
| Brake Switch Status                                 | Not Applied             |       |
| PHEV Charging Status                                | No Charging             |       |
| Propulsion System Active                            | False                   |       |
| PRND Position Display                               | P                       |       |
| Ignition State                                      | Reserved                |       |
| Motor B Resolver Offset Learning Status Flag        | Applied                 |       |
| Motor A Resolver Offset Learning Status Flag        | Applied                 |       |
| Motor A Resolver Offset Learn Erase                 | not requested           |       |
| Motor B Resolver to Digital Low Level Driver Faults | No fault                |       |
| Motor A Resolver to Digital Low Level Driver Faults | Resolver Loss of Signal |       |
| Hybrid System State                                 | SNA                     |       |
| HV Contactor Status                                 | Open                    |       |
| EPT LOC Diag Enable                                 | Enable LOC Diagnostic   |       |
| HCP ePT Wake-Up Output                              | On                      |       |
| CBC Wake-Up Input                                   | Off                     |       |
| Impact Event                                        | False                   |       |
| APM Status                                          | Idle                    |       |
| OBCM Operating Mode                                 | UTC                     |       |
| HCP System Shutdown Command                         | Default                 |       |
| J1772 Prox Detected State                           | Prox Out                |       |
| Motor B Resolver Offset Learn Erase                 | not requested           |       |
| Ignition Cycle Counter                              | 0                       |       |
| Real time clock                                     | 32555148                | sec   |
| Accelerator Pedal Position                          | 0                       | %     |
| Frequency Counter                                   | 1                       |       |
| Original Odometer Value                             | 11434.8                 | miles |
| Most Recent Odometer Value                          | 11434.8                 | miles |
| Motor A Temp Sensor                                 | 72                      | °F    |
| Engine Speed                                        | 0                       | rpm   |
| RAM Stamps                                          | 154412                  | Min   |
| Engine Coolant Temperature                          | 68                      | °F    |
| Motor B Temp Sensor                                 | 72                      | °F    |

|                                         |               |        |
|-----------------------------------------|---------------|--------|
| Vehicle Speed                           | 0.0000        | MPH    |
| RAM stamps keyOn                        | 105           | sec    |
| HV Battery SOC                          | 84            | %      |
| Motor A Resolver Angle Offset           | 0.80          | Degree |
| Motor B Resolver Supply Voltage Value   | 15.75         | Volts  |
| Barometric Pressure                     | 15            | PSI    |
| Motor A Resolver Supply Voltage Value   | 15.75         | Volts  |
| Motor B Resolver Angle Offset           | 4.00          | Degree |
| Internal EPS Voltage Sense A            | 0.000         | Volts  |
| Internal EPS Voltage Sense B            | 0.000         | Volts  |
| Battery Feed Voltage 2 Sense            | 11.808        | Volts  |
| Available Motor Torque - Motor B        | 232.301       | Ft-Lbs |
| Available Regen Torque - Motor B        | -232.301      | Ft-Lbs |
| Actual Torque - Motor B                 | 0.000         | Ft-Lbs |
| Available Motor Torque - Motor A        | 0.830         | Ft-Lbs |
| Actual Torque - Motor A                 | 0.000         | Ft-Lbs |
| Commanded Torque - Motor B              | 0.000         | Ft-Lbs |
| Available Regen Torque - Motor A        | -0.830        | Ft-Lbs |
| Electric Motor A Speed                  | 0.0           | rpm    |
| Electric Motor B Speed                  | 0.0           | rpm    |
| Commanded Torque - Motor A              | 0.000         | Ft-Lbs |
| Battery Feed Voltage 1 Sense            | 11.808        | Volts  |
| Motor A - Inverter Current - phase B    | 0             | AMP    |
| Motor B Resolver Angle                  | 198           | Degree |
| Motor A - Inverter Current - phase A    | -4            | AMP    |
| Battery Feed Voltage 3 Sense            | 11.808        | Volts  |
| Motor A - Inverter Current - phase C    | 0             | AMP    |
| Motor B - Inverter Current - phase A    | 0             | AMP    |
| Outside Air Temperature                 | 71.6          | °F     |
| HV Battery Voltage from BPCM            | 180.00        | Volts  |
| Motor B - Inverter Current - phase C    | 0             | AMP    |
| PIM DC Link Voltage - A                 | 7             | Volts  |
| Motor A Resolver Angle                  | Invalid Value | Degree |
| Motor B - Inverter Current - phase B    | -4            | AMP    |
| Inverter B IGBT Temperature for phase A | 70            | °F     |
| Inverter A IGBT Temperature for phase C | 70            | °F     |
| Inverter B IGBT Temperature for phase B | 70            | °F     |
| Inverter A IGBT Temperature for phase A | 70            | °F     |
| PIM DC Link Voltage - B                 | 6             | Volts  |
| Inverter B IGBT Temperature for phase C | 70            | °F     |
| Inverter A IGBT Temperature for phase B | 70            | °F     |
| Motor A Torque                          | 0.000         | Ft-Lbs |
| Motor A Resolver Angle                  | Invalid Value | Degree |
| GPS Date - Month                        | 1             |        |



|                                  |       |         |
|----------------------------------|-------|---------|
| Motor B Resolver Angle           | 198   | Degree  |
| Distance Travelled with Light ON | 0     | miles   |
| UTC Time - Hours                 | 0     | Hours   |
| Motor B Torque                   | 0.000 | Ft-Lbs  |
| HV Battery Sleep Time            | 0     | Days    |
| UTC Time - Minutes               | 0     |         |
| GPS Date - Year                  | 0     | Year    |
| GPS Date - Day                   | 1     | Days    |
| UTC Time - Seconds               | 0     | seconds |
| ECU Time - Milliseconds          | 0     | ms      |

### HCP | POC19-00 | ACTIVE | DRIVE MOTOR A TORQUE DELIVERED PERFORMANCE-

| NAME                                                                | VALUE       | UNITS |
|---------------------------------------------------------------------|-------------|-------|
| Test Failed                                                         | True        |       |
| DTC                                                                 | 0C 19 00    |       |
| Test Failed This Operation Cycle                                    | True        |       |
| Confirmed DTC                                                       | True        |       |
| Pending DTC                                                         | True        |       |
| Test Failed Since Last Clear                                        | True        |       |
| Test Not Completed Since Last Clear                                 | False       |       |
| Warning Indicator Requested                                         | True        |       |
| Test Not Completed This Operation Cycle                             | False       |       |
| Occurrence flag                                                     | Occurrence  |       |
| Ignition State                                                      | Reserved    |       |
| PRND Position Display                                               | P           |       |
| PHEV Charging Status                                                | No Charging |       |
| Propulsion System Active                                            | False       |       |
| Brake Switch Status                                                 | Not Applied |       |
| Motor A Phase U Cross Conduction Fault - High-Side                  | False       |       |
| Motor A Phase U Short Fault - High-Side                             | False       |       |
| Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side | False       |       |
| Motor A Phase U Thermal Shutdown Fault - High-Side                  | False       |       |
| Motor A Phase U Over Current Fault - High-Side                      | False       |       |
| Motor A Phase U SPI Error Fault - High-Side                         | False       |       |
| Motor A Phase U Hardware Error Fault - High-Side                    | False       |       |
| Motor A Phase U Short Fault - Low-Side                              | False       |       |
| Motor A Phase U Over Current Fault - Low-Side                       | False       |       |
| Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side  | False       |       |
| Motor A Phase U Thermal Warning Fault - High-Side                   | False       |       |
| Motor A Phase U Hardware Error Fault - Low-Side                     | False       |       |
| Motor A Phase V Short Fault - High-Side                             | False       |       |
| Motor A Phase U Thermal Warning Fault - Low-Side                    | False       |       |
| Motor A Phase U Thermal Shutdown Fault - Low-Side                   | False       |       |
| Motor A Phase U Cross Conduction Fault - Low-Side                   | False       |       |

|                                                                     |                       |  |
|---------------------------------------------------------------------|-----------------------|--|
| Motor A Phase V Over Current Fault - High-Side                      | False                 |  |
| Motor A Phase V Thermal Warning Fault - High-Side                   | False                 |  |
| Motor A Phase V Cross Conduction Fault - High-Side                  | False                 |  |
| Motor A Phase U SPI Error Fault - Low-Side                          | False                 |  |
| Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side | False                 |  |
| Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side  | False                 |  |
| Motor A Phase V SPI Error Fault - High-Side                         | False                 |  |
| Motor A Phase V Thermal Shutdown Fault - High-Side                  | False                 |  |
| Motor A Phase V SPI Error Fault - Low-Side                          | False                 |  |
| Motor A Phase V Cross Conduction Fault - Low-Side                   | False                 |  |
| Motor A Phase V Over Current Fault - Low-Side                       | False                 |  |
| Motor A Phase V Hardware Error Fault - High-Side                    | False                 |  |
| Motor A Phase V Short Fault - Low-Side                              | False                 |  |
| Motor A Phase W Short Fault - High-Side                             | False                 |  |
| Motor A Phase V Thermal Warning Fault - Low-Side                    | False                 |  |
| Motor A Phase V Hardware Error Fault - Low-Side                     | False                 |  |
| Motor A Phase V Thermal Shutdown Fault - Low-Side                   | False                 |  |
| Motor A Phase W Thermal Warning Fault - High-Side                   | False                 |  |
| Motor A Phase W Thermal Shutdown Fault - High-Side                  | False                 |  |
| Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side  | False                 |  |
| Motor A Phase W Short Fault - Low-Side                              | False                 |  |
| Motor A Phase W Over Current Fault - High-Side                      | False                 |  |
| Motor A Phase W Cross Conduction Fault - Low-Side                   | False                 |  |
| Motor A Phase W Over Current Fault - Low-Side                       | False                 |  |
| Motor A Phase W SPI Error Fault - High-Side                         | False                 |  |
| Motor A Phase W Hardware Error Fault - High-Side                    | False                 |  |
| Motor A Phase W Hardware Error Fault - Low-Side                     | False                 |  |
| Motor A Phase W Thermal Shutdown Fault - Low-Side                   | False                 |  |
| Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side   | False                 |  |
| Motor A Phase W SPI Error Fault - Low-Side                          | False                 |  |
| Motor A Phase W Thermal Warning Fault - Low-Side                    | False                 |  |
| Hybrid System State                                                 | SNA                   |  |
| HV Contactor Status                                                 | Open                  |  |
| Inverter B Status Feedback                                          | Normal OFF            |  |
| EPT LOC Diag Enable                                                 | Enable LOC Diagnostic |  |
| HCP ePT Wake-Up Output                                              | On                    |  |
| CBC Wake-Up Input                                                   | Off                   |  |
| APM Status                                                          | Idle                  |  |
| Impact Event                                                        | False                 |  |
| HCP System Shutdown Command                                         | Default               |  |
| Inverter Status Feedback                                            | Inverter Faulted      |  |
| OBCM Operating Mode                                                 | UTC                   |  |
| J1772 Prox Detected State                                           | Prox Out              |  |
| Commanded Inverter A State                                          | Inverter Disabled     |  |
|                                                                     |                       |  |

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

|                                         |               |        |
|-----------------------------------------|---------------|--------|
| Most Recent Odometer Value              | 11434.8       | miles  |
| Frequency Counter                       | 1             |        |
| Original Odometer Value                 | 11434.8       | miles  |
| Accelerator Pedal Position              | 0             | %      |
| Ignition Cycle Counter                  | 0             |        |
| Real time clock                         | 32555148      | sec    |
| RAM stamps keyOn                        | 105           | sec    |
| Engine Speed                            | 0             | rpm    |
| Vehicle Speed                           | 0.0000        | MPH    |
| RAM Stamps                              | 154412        | Min    |
| Available Motor Torque - Motor A        | 1.475         | Ft-Lbs |
| HV Battery SOC                          | 84            | %      |
| Actual Torque - Motor A                 | 0.000         | Ft-Lbs |
| Engine Coolant Temperature              | 68            | °F     |
| Barometric Pressure                     | 15            | PSI    |
| Battery Feed Voltage 2 Sense            | 11.808        | Volts  |
| Electric Motor A Speed                  | 0.0           | rpm    |
| Motor A - Inverter Current - phase C    | 0             | AMP    |
| Motor A - Inverter Current - phase A    | -4            | AMP    |
| Motor A - Inverter Current - phase B    | 0             | AMP    |
| Motor A Resolver Supply Voltage Value   | 15.75         | Volts  |
| Inverter A Input DC Current             | 0.0           | AMP    |
| Internal EPS Voltage Sense A            | 0.000         | Volts  |
| Internal EPS Voltage Sense B            | 0.000         | Volts  |
| Battery Feed Voltage 3 Sense            | 11.808        | Volts  |
| Low Temp Active Pump Speed              | 0             | rpm    |
| PIM DC Link Voltage - A                 | 7             | Volts  |
| Outside Air Temperature                 | 71.6          | °F     |
| PIM DC Link Voltage - B                 | 6             | Volts  |
| Available Regen Torque - Motor A        | -1.475        | Ft-Lbs |
| Battery Feed Voltage 1 Sense            | 11.808        | Volts  |
| Passive Pump Coolant Temp In Sensor     | 70            | °F     |
| Available Regen Torque - Motor B        | -232.301      | Ft-Lbs |
| High Temp Aux Pump - Actual Speed       | 0             | rpm    |
| Motor B - Inverter Current - phase A    | -4            | AMP    |
| Commanded Torque - Motor A              | 0.000         | Ft-Lbs |
| Actual Torque - Motor B                 | 0.000         | Ft-Lbs |
| Motor B Resolver Angle                  | 198           | Degree |
| Motor B - Inverter Current - phase C    | 0             | AMP    |
| Commanded Torque - Motor B              | 0.000         | Ft-Lbs |
| Motor B - Inverter Current - phase B    | 0             | AMP    |
| Inverter A IGBT Temperature for phase A | 70            | °F     |
| Motor A Resolver Angle                  | Invalid Value | Degree |
| Motor A Temp Sensor                     | 73            | °F     |
|                                         |               |        |

|                                         |               |         |
|-----------------------------------------|---------------|---------|
| Available Motor Torque - Motor B        | 232.301       | Ft-Lbs  |
| Inverter A IGBT Temperature for phase C | 70            | °F      |
| Motor B Temp Sensor                     | 72            | °F      |
| Inverter B IGBT Temperature for phase A | 70            | °F      |
| Inverter B IGBT Temperature for phase C | 70            | °F      |
| HV Battery Voltage from BPCM            | 180.00        | Volts   |
| Inverter B IGBT Temperature for phase B | 70            | °F      |
| Inverter A IGBT Temperature for phase B | 70            | °F      |
| Electric Motor B Speed                  | 0.0           | rpm     |
| HV Battery Sleep Time                   | 0             | Days    |
| Motor A Temp Sensor                     | 73            | °F      |
| Motor B Torque                          | 0.000         | Ft-Lbs  |
| Distance Travelled with Light ON        | 0             | miles   |
| Motor A Torque                          | 0.000         | Ft-Lbs  |
| GPS Date - Month                        | 1             |         |
| Motor A Resolver Angle                  | Invalid Value | Degree  |
| ECU Time - Milliseconds                 | 0             | ms      |
| GPS Date - Year                         | 0             | Year    |
| GPS Date - Day                          | 1             | Days    |
| UTC Time - Minutes                      | 0             |         |
| UTC Time - Seconds                      | 0             | seconds |
| UTC Time - Hours                        | 0             | Hours   |

## SNAPSHOT DATA SUMMARY



## CONFIGURATION REPORT

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

**Odometer** 11434.8 miles  
**Publication Date** Jun 10, 2020, 9:16:21 AM

### ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | CURRENT   | ORIGINAL  | PART #     |
|-------|--------------------------------|----------|--------------|-----------|-----------|------------|
| PCM   | Powertrain Control Module      | CAN-C    | 68416680AE   | 2C4RC1N7  | 2C4RC1N7  | 68416680AE |
| ICS   | Integrated Center Stack        | CAN-I    | 6EV321X8AB   | 2C4RC1N7  | 2C4RC1N7  | 6EV321X8AB |
| RFH   | Radio Frequency Hub            | CAN-C    | 68383680AC   | 2C4RC1N7  | 2C4RC1N7  | 68383680AC |
| ESM   | Electronic Shifter             | CAN-C    | 68240089AL   | 2C4RC1N7  | 2C4RC1N7  | 68240089AL |
| ORC   | Occupant Restraint             | CAN-C    | 68405567AC   | 2C4RC1N7  | 2C4RC1N7  | 68405567AC |
| EPS   | Electric Power Steering        | CAN-C    | 68416741AA   | 2C4RC1N7  | 2C4RC1N7  | 68416741AA |
| HVAC  | Heat, Ventilation and A/C      | CAN-I    | 68406613AA   | 2C4RC1N7  | 2C4RC1N7  | 68406613AA |
| DDM   | Driver Door Module             | CAN-I    | 68316559AD   | 2C4RC1N7  | 2C4RC1N7  | 68316559AD |
| PDM   | Passenger Door Module          | CAN-I    | 68316558AD   | 2C4RC1N7  | 2C4RC1N7  | 68316558AD |
| DMRL  | Door Module Rear Left          | CAN-I    | 68225096AG   | 2C4RC1N7  | 2C4RC1N7  | 68225096AG |
| DMRR  | Door Module Rear Right         | CAN-I    | 68225096AG   | 2C4RC1N7  | 2C4RC1N7  | 68225096AG |
| PSDML | Power Sliding Doors (Left)     | CAN-I    | 68369596AB   | 2C4RC1N7  | 2C4RC1N7  | 68369596AB |
| PSDMR | Power Sliding Doors (Right)    | CAN-I    | 68369596AB   | 2C4RC1N7  | 2C4RC1N7  | 68369596AB |
| MSM   | Memory Seat Module             | CAN-I    | 68321862AC   | 2C4RC1N7  | 2C4RC1N7  | 68321862AC |
| PLGM  | Power Liftgate                 | CAN-I    | 68316094AF   | ????????? | ????????? | 68316094AF |
| AMP   | Amplifier                      | CAN-I    | 68440634AB   | 2C4RC1N7  | 2C4RC1N7  | 68440634AB |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68405292AC   | 2C4RC1N7  | 2C4RC1N7  | 68405292AC |
| PTS   | Parktronics                    | CAN-C    | 68193775AJ   | 2C4RC1N7  | 2C4RC1N7  | 68193775AJ |
| SCCM  | Steering Column Control Module | CAN-C    | 68360889AC   | 2C4RC1N7  | 2C4RC1N7  | 68360889AC |
| BCM   | Body Controller                | CAN-C    | 68402177AB   | 2C4RC1N7  | 2C4RC1N7  | 68402177AB |
| ACC   | Adaptive Cruise Control        | CAN-C    | 04672758AB   | 2C4RC1N7  | 2C4RC1N7  | 04672758AB |
| HSM   | Heated Seat Module             | CAN-I    | 68421106AA   | 2C4RC1N7  | 2C4RC1N7  | 68421106AA |

|       |                                    |       |            |         |          |            |
|-------|------------------------------------|-------|------------|---------|----------|------------|
| RADIO | Radio                              | CAN-I | 68429204AB | 2C4RC1  | 2C4RC1N7 | 68429204AB |
| OCM   | Occupant Classification            | CAN-C | 68403127AA | 2C4RC1N | 2C4RC1N7 | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB | 2C4RC1N | 2C4RC1N7 | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AB | 2C4RC1N | 2C4RC1N7 | 04672786AB |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AB | 2C4RC1N | 2C4RC1N7 | 04672786AB |
| FFCM  | Forward Facing Camera Module       | CAN-C | 04672776AA | 2C4RC1N | 2C4RC1N7 | 04672776AA |
| EDM   | External Disc Module               | CAN-I | 68378304AA | 2C4RC1N | 2C4RC1N7 | 68378304AA |
| APM   | Accessory Power Module             | CAN-C | 05185046AB | 2C4RC1N | 2C4RC1N7 | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 68429967AD | 2C4RC1N | 2C4RC1N7 | 68429967AD |
| HCP   | Hybrid Control Processor           | CAN-C | 05190240AN | 2C4RC1N | 2C4RC1N7 | 05190240AN |
| OBCM  | On Board Charging Module           | CAN-C | 05185047AD | 2C4RC1N | 2C4RC1N7 | 05185047AD |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC | 2C4RC1N | 2C4RC1N7 | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68316174AB | 2C4RC1N | 2C4RC1N7 | 68316174AB |
| VRM   | Video Routing Module               | CAN-I | 68376134AE | 2C4RC1N | 2C4RC1N7 | 68376134AE |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 68395990AA | 2C4RC1N | 2C4RC1N7 | 68395990AA |
| CVPM  | Central vision processing module   | CAN-I | 68375113AB | 2C4RC1N | 2C4RC1N7 | 68375113AB |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG | 2C4RC1N | 2C4RC1N7 | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05190241AN | 2C4RC1N | 2C4RC1N7 | 05190241AN |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68240033AJ | 2C4RC1N | 2C4RC1N7 | 68240033AJ |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68433481AB | 2C4RC1N | 2C4RC1N7 | 68433481AB |
| SGW   | Security Gateway Module            | CAN-C | 68420261AA |         | 2C4RC1N7 | 68420261AA |

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

| ECU  | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT | CVNS     |
|------|--------------|------------------|------------------|-------|----------|
| PCM  | USA          | 1B 47            | 91 05 01         | 4459  | 4D1D9F87 |
| ICS  | USA          | 0F 0C 00         | 11 16 00         | 4700  |          |
| RFH  | USA / USA    | 10 17 00         | 12 18 00         | 4A00  |          |
| ESM  | USA / USA    | 0F 24 00         | 12 02 FF         | 4402  |          |
| ORC  | USA / USA    | 11 1F 00         | 12 2B 00         | 4301  |          |
| EPS  | USA / USA    | 12 02 03         | 11 15 01         | 4502  |          |
| HVAC | USA          | 0E 09 00         | 11 29 01         | 4401  |          |
|      |              |                  |                  |       |          |

|       |           |          |          |      |                                  |
|-------|-----------|----------|----------|------|----------------------------------|
| DDM   | USA / USA | 11 30 00 | 17 42 00 | 4102 |                                  |
| PDM   | USA       | 11 30 00 | 17 42 00 | 4102 |                                  |
| DMRL  | USA / USA | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| DMRR  | USA / USA | 10 0B 00 | 12 0C 00 | 4201 |                                  |
| PSDML | USA / USA | 10 17 00 | 11 2D 10 | 4001 |                                  |
| PSDMR | USA / USA | 10 17 00 | 11 2D 10 | 4001 |                                  |
| MSM   | USA       | 0F 2B 00 | 10 27 03 | 4101 |                                  |
| PLGM  | USA       | 17 19 00 | 18 22 00 | 4202 |                                  |
| AMP   | USA       | 0F 05 01 | 12 2D 01 | 4021 |                                  |
| IPC   | USA / USA | 12 0A 00 | 12 10 00 | 4704 |                                  |
| PTS   | USA       | 0E 32 00 | 12 1F 00 | 4311 |                                  |
| SCCM  | USA       | 0E 30 00 | 10 2B 00 | 4301 |                                  |
| BCM   | USA       | 0D 11 00 | 12 0B 90 | 4415 |                                  |
| ACC   | USA / USA | 13 07 00 | 11 0D 00 | 4201 |                                  |
| HSM   | USA / USA | 15 12 00 | 12 05 01 | 4003 |                                  |
| RADIO | USA       | 13 0B 4D | 13 0B 4D | 8205 |                                  |
| OCM   | USA / USA | 11 1F 01 | 0E 2F 02 | 4030 |                                  |
| HVACR | USA       | 0E 09 00 | 10 03 02 | 4301 |                                  |
| LBSS  | USA / USA | 11 30 02 | 12 0D 00 | 4202 |                                  |
| RBSS  | USA / USA | 11 30 02 | 12 0D 00 | 4202 |                                  |
| FFCM  | USA / USA | 11 06 00 | 11 2B 00 | 4102 |                                  |
| EDM   | USA       | 12 0A 00 | 11 08 00 | 4000 |                                  |
| APM   | USA / USA | 11 32 00 | 11 32 00 | 4001 |                                  |
| BPCM  |           | 0E 03 00 | 12 07 04 | 4005 | FEDBFE12                         |
| HCP   | USA       | 11 1D 07 | 12 29 01 | 4004 | 5222F843<br>EBC2A42D<br>31B4913E |
| OBCM  | USA       | 0F 0D 00 | 11 2B 00 | 4002 |                                  |
| MSMP  | USA       | 0F 2B 00 | 10 27 03 | 4001 |                                  |
| DSM   | USA / USA | 11 16 00 | 11 15 00 | 4000 |                                  |
| VRM   | USA / USA | 0F 1C 00 | 11 32 13 | 4001 |                                  |
| RCCC  | USA       | 0F 1D 00 | 11 16 00 | 4000 |                                  |
| CVPM  | USA / USA | 11 32 01 | 12 33 00 | 4003 |                                  |
| EAC   | USA       | 0E 34 00 | 12 0F 00 | 4102 |                                  |
| AHCP  | USA       | 11 1D 07 | 12 29 01 | 4000 |                                  |
| EBBM  | USA       | 0E 19 02 | 11 18 14 | 4000 | BBFD096B                         |
| ABSO  | USA       | 0E 15 02 | 12 2F 1C | 4201 | 79AC82DE                         |
| SGW   |           | 5        | 564      | 4103 |                                  |

## PCM CONFIGURATION

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Active Exhaust Pressure Sensor Equipped | False |       |
| Secondary Mass Airflow Sensor Equipped  | False |       |
| Active Exhaust Valve(s) Equipped        | False |       |
| Electronic Parking Brake Equipped       | True  |       |



|                                                  |              |  |
|--------------------------------------------------|--------------|--|
| Wastegate HBridge Equipped                       | False        |  |
| Mechanical Coolant Pump Equipped                 | False        |  |
| High Side Port Tumble Valve Equipped             | False        |  |
| Aux Coolant Pump Heater Equipped                 | False        |  |
| Heater Temp Control Valve Equipped               | False        |  |
| Bi-Directional Crank Sensor Equipped             | True         |  |
| 5 Button Cruise (LIN) Equipped                   | True         |  |
| Mass Airflow System Equipped                     | False        |  |
| SWAP HARDWIRED BRAKE SWITCH INPUTS               | False        |  |
| Make Up Air Sensor Equipped                      | False        |  |
| LIN Humidity, Temp, and Pressure Sensor Equipped | False        |  |
| Throttle Inlet Temp Sensor Equipped              | False        |  |
| Brake Pedal Sensor Equipped                      | False        |  |
| Power Steering Angle Sensor Mandatory            | False        |  |
| INTAKE O2 SENSOR EQUIPPED                        | False        |  |
| CUSW 4-Button Cruise Equipped                    | False        |  |
| Clutch Sensor Equipped                           | False        |  |
| Operator Idle Speed Request Equipped             | False        |  |
| Cylinder Pressure Sensor Equipped                | False        |  |
| Dual Fuel Pressure Sensor Equipped               | False        |  |
| 1.0 Liter I3 Engine                              | False        |  |
| 2.0 Liter I4 Direct Injection Engine             | False        |  |
| Variable Valve Lift Equipped                     | Not Equipped |  |
| Primary Lin Alternator Equipped                  | Not Equipped |  |
| Coolant On-Off Pump Equipped                     | Not Equipped |  |
| 6.2 Liter V8 Engine                              | False        |  |
| GPEC4 Equipped                                   | False        |  |
| ESIM Equipped                                    | False        |  |
| 2 Speed Fan 3 Driver 3 Relay System Equipped     | False        |  |
| EMAT (Getrag DCT transmission) Equipped          | False        |  |
| 1.0 Liter I3 Engine                              | False        |  |
| Manual Transmission Equipped                     | False        |  |
| WI4 Variable Valve Timing Equipped               | True         |  |
| Powernet Equipped                                | True         |  |
| Secondary Fuel Pump Equipped                     | False        |  |
| VFS Actuators Available Indicator                | False        |  |
| Active Engine Mount Equipped                     | False        |  |
| Variable Speed Fuel Pump Equipped                | True         |  |
| Intake Cam 1 Equipped                            | True         |  |
| Mechanical Coolant Pump Heater Equipped          | False        |  |
| Fiat VIN Learning Strategy Equipped              | False        |  |
| Battery Temp Sensor Equipped                     | False        |  |
| Exhaust Cam 2 Equipped                           | True         |  |
| Transmission Oil Heater Equipped                 | False        |  |

|                                                                  |       |  |
|------------------------------------------------------------------|-------|--|
| Unleaded Gasoline Fuel                                           | True  |  |
| Wide Range O2 Sensor 1/1 Equipped                                | False |  |
| TIP Equipped                                                     | False |  |
| 6.1 Liter V8 Engine                                              | False |  |
| Active Exhaust Valve Equipped                                    | False |  |
| Linear EGR Equipped                                              | False |  |
| Buffered Crank Output for PHEV Engine Pulse Calculation Equipped | True  |  |
| Low Temperature Radiator Coolant Pump Equipped                   | False |  |
| Electronic Coolant Pump Equipped                                 | False |  |
| Trans Skip Shift Equipped                                        | False |  |
| CUSW PROXI Write Programming Support Enabled                     | False |  |
| ERS Equipped Indicator                                           | False |  |
| Dual Stage Oil Pump Equipped                                     | True  |  |
| Auxiliary Heater Electric Water Pump Equipped                    | False |  |
| Engine Software In Package                                       | True  |  |
| Variable Displacement AC Equipped                                | False |  |
| Duty Cycle Purge Valve Equipped                                  | True  |  |
| HPT 6-Speed Transmission Equipped                                | False |  |
| Engine Stop Start Equipped                                       | False |  |
| Wastegate H-Bridge Equipped                                      | False |  |
| 1.8 Liter W14 engine                                             | False |  |
| Continuous Variable Transmission Equipped                        | False |  |
| Engine Idle Shutoff Equipped                                     | False |  |
| Trans Reverse Lockout Equipped                                   | False |  |
| 66RFE / 68RFE                                                    | False |  |
| 42RLE                                                            | False |  |
| Electronic Throttle Control Equipped                             | True  |  |
| TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED                                | True  |  |
| 2 Liter Continuous Variable Transmission Equipped                | False |  |
| VLP Equipped Indicator                                           | False |  |
| Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped             | False |  |
| 4 Button Integrated Cruise Control                               | False |  |
| CUSW (29-Bit) Equipped                                           | False |  |
| Auxiliary Coolant Pump Heater Equipped                           | False |  |
| ZF 9-Speed Transmission Equipped                                 | False |  |
| A/C Equipped                                                     | True  |  |
| Sensorless FFV Enabled                                           | False |  |
| 45RFE / 545RFE / 65RFE                                           | False |  |
| 4.0 Liter V6 Engine                                              | False |  |
| Clutch Interlock Switch Equipped                                 | False |  |
| Active Grille Shutter Equipped                                   | False |  |
| Adaptive Cruise Control Equipped                                 | True  |  |
| High Side Port Tumble Valve Equipped                             | False |  |
| Linear PWM Fan Relay System Equipped                             | False |  |

|                                                      |       |  |
|------------------------------------------------------|-------|--|
| Electric Water Pump Equipped                         | False |  |
| Yaw Rate Sensor ESC Equipped                         | False |  |
| Adaptive Cruise Control Hardware Equipped            | False |  |
| Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped | False |  |
| Exhaust Cam 1 Equipped                               | True  |  |
| DUAL_ALTERNATOR_GEN1_LEARNEDCOPY                     | False |  |
| O2 Sensor Bank 1 Sensor 3 Equipped                   | False |  |
| Electric Thermostat Heater Equipped                  | False |  |
| A580 Transmission Equipped                           | False |  |
| 5.7 Liter V8 Engine                                  | False |  |
| 3.6 Liter V6 Engine                                  | True  |  |
| VMM Equipped                                         | False |  |
| Wide Range O2 Sensor 2/1 Equipped                    | False |  |
| Tumble Generator Valve Equipped                      | False |  |
| Unleaded diesel fuel                                 | False |  |
| Electronic Automatic Transmission (EATX) Equipped    | False |  |
| WI4 Intake Flow Control Valve Equipped               | False |  |
| 4.7 Liter V8 Engine                                  | False |  |
| CMCV H-Bridge Equipped                               | False |  |
| Fan Wake Up Relay System Equipped                    | False |  |
| 3.8 Liter V6 Engine                                  | False |  |
| MTV Solenoid Equipped                                | False |  |
| 40TE / 41TE / 41TEA                                  | False |  |
| 3.0 Liter V6 Engine                                  | False |  |
| 2.7 Liter V6 Engine                                  | False |  |
| Vehicle Speed Sensor #1 Calculated by ECU            | False |  |
| 4.0 Liter I6 Engine                                  | False |  |
| 2 Speed Fan PWM Relay System Equipped                | False |  |
| Aisin 6-Speed RWD Transmission Equipped              | False |  |
| Starter Relay 2 Equipped                             | False |  |
| Throttle Inlet Temp Sensor Equipped                  | False |  |
| O2 Sensor Bank 2 Sensor 2 Equipped                   | True  |  |
| Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped | False |  |
| Cummins Equipped                                     | False |  |
| 3.3 Liter V6 Engine                                  | False |  |
| SRV Equipped                                         | False |  |
| Vehicle Speed Sensor #1 Calculated from CAN          | False |  |
| 62TE                                                 | False |  |
| Dual Fuel Pressure Sensor Equipped                   | False |  |
| Coolant On-Off Valve Equipped                        | False |  |
| O2 Sensor Bank 1 Sensor 2 Equipped                   | True  |  |
| ETC Cruise equipped                                  | False |  |
| Linear Purge Equipped                                | False |  |
| Rear Heater Equipped                                 | False |  |

|                                                                    |                                  |  |
|--------------------------------------------------------------------|----------------------------------|--|
| Power Steering Switch Equipped                                     | False                            |  |
| Buffered Crank Output for ANC (Active Noise Cancellation) Equipped | True                             |  |
| Police Package Equipped                                            | False                            |  |
| 4 Speed Automatic Transmission Equipped                            | False                            |  |
| Operator Idle Speed Request Equipped                               | False                            |  |
| Cooled EGR Equipped                                                | False                            |  |
| Brushless PWM Fan Equipped                                         | NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG |  |
| 6.4 Liter V8 Engine                                                | False                            |  |
| Secondary Air Equipped                                             | False                            |  |
| O2 Sensor Bank 2 Sensor 1 Equipped                                 | True                             |  |
| CUSW (11-Bit) Equipped                                             | False                            |  |
| Inrush Current Reduction Relay Equipped                            | False                            |  |
| 2.4 Liter WI4 engine                                               | False                            |  |
| Shift Indicator Lamp Equipped                                      | False                            |  |
| MultiAir Equipped                                                  | False                            |  |
| Fiat 940 Compact Equipped                                          | False                            |  |
| Barometric Sensor Equipped                                         | False                            |  |
| 2.0 Liter WI4 engine                                               | False                            |  |
| GPEC2 Equipped                                                     | False                            |  |
| Direct Injection Equipped                                          | False                            |  |
| O2 Sensor Bank 1 Sensor 1 Equipped                                 | True                             |  |
| 3.5 Liter V6 Engine                                                | False                            |  |
| Compressed Natural Gas Equipped                                    | False                            |  |
| ICC Cruise Equipped                                                | False                            |  |
| 3 Speed Fan Mechanical Relay System Equipped                       | False                            |  |
| Knock Sensor 2 Equipped                                            | True                             |  |
| Transmission Software Included                                     | False                            |  |
| Oil Pressure Sensor Enabled                                        | True                             |  |
| Supercharger Equipped                                              | False                            |  |
| Electronic Vacuum Pump Equipped                                    | False                            |  |
| Port Flap Valve Equipped                                           | False                            |  |
| Fixed displacement AC Equipped                                     | True                             |  |
| Brake Pedal Sensor Equipped                                        | False                            |  |
| AC Equipped Over Bus                                               | False                            |  |
| PWM Fan Motor System Equipped                                      | True                             |  |
| Intake Cam 2 Equipped                                              | True                             |  |
| 3.7 Liter V6 Engine                                                | False                            |  |
| 3.2 Liter V6 Engine                                                | False                            |  |
| Viscosity Sensor Equipped                                          | False                            |  |
| Electric Coolant Valve Equipped                                    | False                            |  |
| Primary Lin Alternator Equipped                                    | False                            |  |
| Hybrid Electric Vehicle Equipped                                   | True                             |  |
| 1 Speed Fan Mechanical Relay System Equipped                       | False                            |  |
| GPEC2A Equipped                                                    | True                             |  |

|                                                          |         |      |
|----------------------------------------------------------|---------|------|
| GPEC3 Equipped                                           | False   |      |
| Dual Speed Fuel Pump Equipped                            | False   |      |
| Knock Sensor 1 Equipped                                  | True    |      |
| VLP Is Learnable Indicator                               | False   |      |
| Turbine Volute Valve Actuator Equipped                   | False   |      |
| Humidity, Temperature and Pressure Sensor (LIN) Equipped | False   |      |
| AC Equipped                                              | False   |      |
| MDS Equipped                                             | False   |      |
| Engine Oil Heater Cooler Equipped                        | False   |      |
| PTO System Equipped                                      | False   |      |
| 2 Speed Fan Mechanical Relay System Equipped             | False   |      |
| Constant Heater Temperature Control Valve Equipped       | False   |      |
| Next Gen Bus Equipped                                    | False   |      |
| Coolant On-Off Pump Equipped                             | False   |      |
| Auxiliary Coolant Pump Equipped                          | False   |      |
| Active Exhaust Pressure Sensor Equipped                  | False   |      |
| Dual Fuel Tank Equipped                                  | False   |      |
| Turbocharger Equipped                                    | False   |      |
| Cooled EGR Equipped                                      | False   |      |
| Hybrid MEC Shifter Equipped                              | False   |      |
| Engine Idle Shutoff Equipped                             | False   |      |
| Low Temp Radiator Coolant Pump Equipped                  | False   |      |
| Supercharger Equipped                                    | False   |      |
| PTO System Equipped                                      | False   |      |
| HPT 6-Speed Trans Equipped                               | False   |      |
| Dual Fuel Tank Equipped                                  | False   |      |
| ZF 9-Speed Trans Equipped                                | False   |      |
| Dual Alternator Gen1 Capable                             | False   |      |
| A/C Relay Powered from Engine Switched Battery           | False   |      |
| CNG Large Gas Tank Equipped                              | False   |      |
| Auxillary Coolant Pump Equipped                          | False   |      |
| Remote Start Present                                     | Present |      |
| Engine Oil Pressure Sensor Type                          | 255     | None |

## ICS CONFIGURATION

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

## RFH CONFIGURATION

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

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

|                                              |      |  |
|----------------------------------------------|------|--|
| Back Up Vehicle Config 1                     | True |  |
| Back Up ECU Configuration 10                 | True |  |
| Back Up ECU Configuration 11                 | True |  |
| Back Up Vehicle Config 4                     | True |  |
| Back Up Vehicle Config 3                     | True |  |
| Back Up Customer Settings Menu 1 (CSM1)      | True |  |
| Back Up ECU Configuration 2                  | True |  |
| Back Up ECU Configuration 1                  | True |  |
| Back Up ECU Configuration 9                  | True |  |
| Back Up Programmed ECUs: Cabin Network       | True |  |
| Back Up Vehicle Config 5                     | True |  |
| Back Up ECU Configuration 3                  | True |  |
| Back Up Customer Settings Menu 2 (CSM2)      | True |  |
| Back Up Vehicle Config 6                     | True |  |
| Back Up ECU Configuration 12                 | True |  |
| Back Up Programmed ECUs: P/T Chassis Network | True |  |
| Back Up ECU Configuration 4                  | True |  |
| Back Up ECU Configuration 17                 | True |  |
| Back Up ECU Configuration 8                  | True |  |
| Back Up ECU Configuration 13                 | True |  |
| Back Up Vehicle Config 7                     | True |  |
| Back Up ECU Configuration 5                  | True |  |
| Back Up Vehicle Config 2                     | True |  |
| Back Up ECU Configuration 15                 | True |  |
| Back Up ECU Configuration 6                  | True |  |

## ORC CONFIGURATION

| NAME                                      | VALUE          | UNITS |
|-------------------------------------------|----------------|-------|
| Rollover Sensing                          | Configured     |       |
| Left Side Seat Squib 1                    | Configured     |       |
| Left B-Pillar Impact Acceleration Sensor  | Configured     |       |
| Passenger Seat Track Position Sensor      | Configured     |       |
| Second Row Left seat belt Switch          | Not Configured |       |
| Driver Knee Bolster Squib                 | Configured     |       |
| Driver Seatbelt Buckle Pretensioner       | Not Configured |       |
| Second Row Right Seat Side Airbag         | Not Configured |       |
| Driver Seatbelt Anchor Pretensioner       | Configured     |       |
| Passenger Seatbelt Retractor Pretensioner | Configured     |       |
| Right Up-Front Acceleration Sensor        | Configured     |       |
| Passenger Seatbelt Anchor Pretensioner    | Configured     |       |
| Driver Seatbelt Load Limiter              | Configured     |       |
| Driver Frontal Squib 3                    | Configured     |       |
| Passenger Knee Bolster Squib              | Configured     |       |
| Driver Seatbelt Retractor Pretensioner    | Configured     |       |

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

## EPS CONFIGURATION

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

## HVAC CONFIGURATION

| NAME                       | VALUE | UNITS |
|----------------------------|-------|-------|
| Dual Zone MTC Control (BB) | False |       |
| MTC With EBL (3Knob)       | False |       |



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

## DDM CONFIGURATION

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

## PDM CONFIGURATION

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

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

## PSDML CONFIGURATION

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

## PSDMR CONFIGURATION

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

## MSM CONFIGURATION

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

## AMP CONFIGURATION

| NAME                                 | VALUE                                      | UNITS |
|--------------------------------------|--------------------------------------------|-------|
| Premium - 3                          | True                                       |       |
| Premuim - 1 (8 channel)              | False                                      |       |
| Premuim - 2 (12 Channel)             | False                                      |       |
| Non -ANC                             | False                                      |       |
| Left/Right Hand Drive                | Left Hand Drive                            |       |
| ANC Status                           | Off - Door Mute                            |       |
| Current EQ Checksum                  | A7 43 44 1C                                |       |
| Current ANC Calibration ID - Service | RU PHEV 3.6L: Tripane Sunroof & Harman AMP |       |
| Teen Key Present                     | False                                      |       |
| Sub-EQ Set Selected                  | Sub-EQ#1 Selected                          |       |
| Cabin Equalization Curve Number      | 53                                         |       |
| Surround Sound Activated             | Set                                        |       |
| Door Module - Right Rear             | Present                                    |       |
| Door Module - Left Front             | Present                                    |       |
| Door Module - Left Rear              | Present                                    |       |
| Door Module - Right Front            | Present                                    |       |
| ANC Calibration Date - Year          | 18                                         |       |
| ANC Calibration Date - Week          | 45                                         |       |
| ANC Calibration Date - Patch Level   | 1                                          |       |

## IPC CONFIGURATION

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

**PTS CONFIGURATION**

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

**SCCM CONFIGURATION**

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

**BCM CONFIGURATION**

| NAME                                                          | VALUE         | UNITS |
|---------------------------------------------------------------|---------------|-------|
| Number of Reprogramming Attempts - Counter #0                 | 0             |       |
| Last Programmed Status                                        | Manufacturing |       |
| Vehicle Configuration Programmed Status                       | True          |       |
| Vehicle Configuration 3 - Write Counter                       | 2             |       |
| ECU Configuration 11                                          | 2             |       |
| ECU Configuration 6 (Suspension)                              | 2             |       |
| ECU Configuration 1 (CBC Configurable Inputs and Outputs)     | 2             |       |
| Vehicle Config CSM1                                           | 2             |       |
| ECU Configuration 10                                          | 2             |       |
| Vehicle Configuration 2 - Write Counter                       | 2             |       |
| ECU Configuration 9 (ITM)                                     | 2             |       |
| ECU Configuration 6 (Brake)                                   | 2             |       |
| Vehicle Configuration 6 - Write Counter                       | 2             |       |
| ECU Configuration 5 (Wireless)                                | 2             |       |
| Vehicle Configuration 5 - Write Counter                       | 2             |       |
| Vehicle Configuration Auto Write Counter                      | 1             |       |
| ECU Configuration 9A                                          | 2             |       |
| ECU Configuration 5 (Doors)                                   | 2             |       |
| ECU Configuration 14                                          | 2             |       |
| Programmed ECUs: Hybrid LAN Network                           | 0             |       |
| ECU Configuration 5 (Memory)                                  | 2             |       |
| ECU Configuration 7 (CBC Exterior Lighting Calibrations)      | 2             |       |
| Programmed Network Configuration - Audio / Telematics Network | 0             |       |
| Vehicle Config CSM2                                           | 2             |       |
| Programmed ECUs: P/T Chassis Network                          | 2             |       |
| Last Configuration Odometer                                   | 0             | miles |
| Vehicle Configuration 1 - Write Counter                       | 2             |       |
| Vehicle Configuration 4 - Write Counter                       | 2             |       |

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

|                                                                     |                                   |         |
|---------------------------------------------------------------------|-----------------------------------|---------|
| Two Fuel Sending Units Present                                      | Not Set                           |         |
| Vehicle is an SRT                                                   | Not Set                           |         |
| T-Case Type                                                         | Not Present / Not Present         |         |
| High Intensity Discharge Head Lamps                                 | Not Set                           |         |
| Wheel Base                                                          | Wheel base not programmed / WB_NP |         |
| Auto Headlamp Feature Present                                       | Set                               |         |
| Secondary Lock Present                                              | Not Set                           |         |
| Chassis Type                                                        | Type 9                            |         |
| Auto Park Present                                                   | Set                               |         |
| Power Left Sliding Door Present                                     | Set                               |         |
| Door Alert Feature Present                                          | Not Set                           |         |
| Display Compass Heading Present                                     | Set                               |         |
| HVAC Configuration                                                  | Dual Zone ATC + Rear              |         |
| FOBIK Safe Enable                                                   | Set                               |         |
| RKE System Present                                                  | Set                               |         |
| Display Outside Temperature Present                                 | Set                               |         |
| Disable Display of Radio Clock                                      | Not Set                           |         |
| Premium TPM system present                                          | Set                               |         |
| Collision Mitigation System present                                 | Set                               |         |
| Vehicle Brand                                                       | Chrysler                          |         |
| Police Lighting Feature                                             | Not Set                           |         |
| Sport Mode Present                                                  | Not Set                           |         |
| Liftgate/Trunk Type                                                 | Power Liftgate                    |         |
| Paddle Shift Feature Present                                        | Not Set                           |         |
| Window Express Feature Configuration                                | Front windows express only        |         |
| Passive Entry Present                                               | Set                               |         |
| ELV Present                                                         | Not Set                           |         |
| Keyless Go Present                                                  | Set                               |         |
| Power Right Sliding Door Present                                    | Set                               |         |
| Base TPM system present                                             | Not Set                           |         |
| Transfer Case High Ratio                                            | 1.000                             | No Unit |
| Axle Ratio                                                          | 3.251                             |         |
| Transfer Case Low Range Reduction Ratio                             | 0.000                             |         |
| Dynamic Tire Circumference (All or Rear)                            | 89                                | inch    |
| Air Quality System Present                                          | Not Set                           |         |
| Steering Ratio at Negative Angle 1                                  | 0.0                               | No Unit |
| Analog Door Sensor Configuration                                    | Driver Door Only Analog Sensor    |         |
| Connector E Pin 9: Run-ACC Y Relay #2 Output Present                | Set                               |         |
| Connector E Pin 5: PHEV Fuel Door Switch Input                      | Set                               |         |
| Connector G Pin 15: UGDO Feed Output Present                        | Set                               |         |
| Connector D Pin 9: Trailer Tow Backup Output Present                | Not Set                           |         |
| Connector A Pin 3/Connector D Pin 2: Low Beam Output Present        | Set                               |         |
| Connector G Pin 9: Ambient Light Dimmer Wheel Input Present         | Set                               |         |
| Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present | Not Set                           |         |

|                                                                                                    |             |  |
|----------------------------------------------------------------------------------------------------|-------------|--|
| Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present | Set         |  |
| Connector F Pin 35: Inverter Enable Relay Output Present                                           | Set         |  |
| Connector F Pin 4: Liftgate Release Present                                                        | Not Set     |  |
| Connector E Pin 41: Charge Port Unlock Output Present                                              | Set         |  |
| Connector E Pin 8: PHEV HCP Hardwire Wakeup                                                        | Set         |  |
| Connector F Pin 29: Horn Switch Present                                                            | Set         |  |
| Connector A Pin 1 and Connector D Pin 13: Front Fog Lamps Output Present                           | Set         |  |
| Connector F Pin 8 : Liftgate Release Outside Handle Switch Present                                 | Not Set     |  |
| Connector D Pin 15: Left Dedicated DRL Lamps Output Present                                        | Set         |  |
| Connector A Pin 10/Connector D Pin 5: Side Markers Output Present                                  | Set         |  |
| Connector E Pin 29: Rear Wiper Motor Park Signal Present                                           | Set         |  |
| Connector A Pin 22: Right Dedicated DRL Lamp Output Present                                        | Set         |  |
| Connector D Pin 10: Trailer Tow Tail Lamp Output Present                                           | Not Set     |  |
| Connector D Pin 12: PHEV ECM Hardwire Wake Up Output Present                                       | Set         |  |
| Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present                  | Set         |  |
| Connector E Pin 7: Left HID Relay Control Output Present                                           | Not Set     |  |
| Connector E Pin 42: Charge Port Lock Output Present                                                | Set         |  |
| Connector G Pin 22: VTA Warning LED Output Present                                                 | Set         |  |
| Connector F Pin 6: Fuel Door Motor Output Signal Present                                           | Set         |  |
| Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present                                      | Not Set     |  |
| Connector F Pin 9: Analog Door Ajar Signal Front Driver Present                                    | Set         |  |
| Connector E Pin 11: Vacuum Switch Input                                                            | Not Set     |  |
| Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output Present                               | Set         |  |
| Connector F Pin 23: Door Lock Switch Signal Front Passenger Present                                | Set         |  |
| Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output                 | Not Set     |  |
| Connector A Pin 11: Hood Ajar Switch Input Present                                                 | Set         |  |
| Connector E Pin 3/Connector F Pin 42: Rear Turn Lamps Output Present                               | Not Set     |  |
| Connector E Pin 34: Vacuum Cleaner Relay Output Present                                            | Not Set     |  |
| Connectro E Pin 37: Right HID Control Output Present                                               | Not Set     |  |
| Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present                                      | Not Set     |  |
| Park Lamp Loadshed Enable                                                                          | Set         |  |
| Tip Start Enabled                                                                                  | Set         |  |
| LED Front Park/Marker Lamps Present                                                                | Set         |  |
| Bi Xenon Headlamps Enable                                                                          | Not Set     |  |
| Rear Wiper Park Enable                                                                             | Set         |  |
| LED Low Beam Lamps Present                                                                         | Not Set     |  |
| LED Front Fog Lamps Present                                                                        | Not Set     |  |
| Dual Start Relay System Present                                                                    | Not Set     |  |
| Headlamp Wash Spray Duration (at 100 ms intervals)                                                 | 1100ms      |  |
| Headlamp Washer Low Fluid Shut-Off Enable                                                          | Set         |  |
| Fuel Door Release Enabled                                                                          | Not Present |  |
| DRL Lamp Location                                                                                  | Dedicated   |  |

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

|                                            |                                                 |  |
|--------------------------------------------|-------------------------------------------------|--|
| Heated Steering Wheel Present              | Set                                             |  |
| Disable CD Eject                           | Not Set                                         |  |
| External Port Type                         | AUX + USB                                       |  |
| Destination                                | United States of America                        |  |
| Fleet Vehicle Content                      | Not Set                                         |  |
| AP2 Right Front                            | Smart Switch                                    |  |
| Tip Start Present                          | Set                                             |  |
| AP5 Trunk Lock                             | Simple Switch                                   |  |
| Airport Scenario Trunk                     | Not Set                                         |  |
| AP3 Left Rear                              | CAN                                             |  |
| AP1 Left Front                             | Smart Switch                                    |  |
| AP5 Trunk Unlock                           | CAN                                             |  |
| AP4 Right Rear                             | CAN                                             |  |
| Vehicle Variant                            | Undefined                                       |  |
| Folding mirrors present                    | Set                                             |  |
| Window Hall Sensors Present                | Not Set                                         |  |
| Driver Memory Mirrors Present              | Set                                             |  |
| Electro-chromatic passenger mirror present | Not Set                                         |  |
| Tow Mirror Present                         | Not Set                                         |  |
| Puddle Lamp Present                        | Not Set                                         |  |
| Rear Door Pre Short Drop                   | Not Set                                         |  |
| Mirror turn signals present                | Set                                             |  |
| Sun Shade                                  | Not Set                                         |  |
| Blindspot Mirror Present                   | Set                                             |  |
| Heated Mirrors Present                     | Set                                             |  |
| Frameless Window Present                   | Not Set                                         |  |
| Electro-chromatic driver mirror present    | Set                                             |  |
| Window Motor Type                          | Not Set                                         |  |
| Passenger Window Lockout                   | Not Set                                         |  |
| Global Down                                | Not Set                                         |  |
| Passenger Memory Mirror Present            | Set                                             |  |
| Global Up                                  | Not Set                                         |  |
| Heated Wheel Material Type                 | Full Leather                                    |  |
| Rear Heated Seats Present                  | Not Present                                     |  |
| Heated Seat Material Type                  | Base Leather                                    |  |
| Front Vented Seats Present                 | Present                                         |  |
| Tilt/Telescope Steering Present            | Not Set                                         |  |
| Memory Adjustable Pedals Present           | Not Set                                         |  |
| Driver Memory Seat Present                 | Set                                             |  |
| Stow 'n Assist Present - Driver            | Set                                             |  |
| Stow 'n Assist Present - Passenger         | Set                                             |  |
| Heated Steering Wheel Present              | Present                                         |  |
| Brake System ECU Configuration A           | value 0                                         |  |
| ECO Mode Configuration                     | Remember Previous State with Ignition Key Cycle |  |



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

|                                                      |                                               |      |
|------------------------------------------------------|-----------------------------------------------|------|
| Average Last Longitudinal Acceleration Values        | No Averaging                                  |      |
| Steering Smoothing Factor                            | Filter Off                                    |      |
| VTA Hood Ajar Monitoring                             | Not Set                                       |      |
| Interior Lighting Night Threshold                    | 4.45147                                       | Volt |
| RKE Auto-Relock Feature Enable                       | Not Set                                       |      |
| Horn Chirp Duration                                  | Short                                         |      |
| Auto High Beam ON Threshold                          | 25 km/hr                                      |      |
| Interior Lighting Day Threshold                      | 4.27498                                       | Volt |
| PE Auto-Relock Feature Enable                        | Set                                           |      |
| Parking Light Enable                                 | Not Set                                       |      |
| Auto High Beam OFF Threshold                         | 20 km/hr                                      |      |
| Headlamp Soak Delay                                  | 1.0 sec                                       |      |
| Sunroof Present                                      | Set                                           |      |
| Smart Alternator Present                             | Not Set                                       |      |
| TPMS Configuration                                   | Logic 1 NHTSA Enable Warning                  |      |
| Temperature Display Resolution                       | HaLF                                          |      |
| Auto Dimming Mirror Hard Button Present              | Set                                           |      |
| Drive Mode Version                                   | Version 1                                     |      |
| Surround View Camera On/Off Softkey Present          | Set                                           |      |
| Radio Speaker Open Circuit Disable (RR)              | Not Set                                       |      |
| Show Phone Information in Cluster                    | 01                                            |      |
| Automatic Crash Notification Feature Present         | Undefined                                     |      |
| Radio Speaker Open Circuit Disable (LR)              | Not Set                                       |      |
| Radio Speaker Open Circuit Disable (RF)              | Not Set                                       |      |
| ANC Calibration Parameter Data Set                   | Harman Amplified 3.6L PHEV Sunroof            |      |
| Radio Speaker Open Circuit Disable (LF)              | Not Set                                       |      |
| Park Assist Tuning Set                               | BUX Front and Rear Only                       |      |
| 3rd Row Lock CSO                                     | Not Set                                       |      |
| BUX Market                                           | False                                         |      |
| Driver Kneebag Present                               | True                                          |      |
| ODS Present                                          | False                                         |      |
| Passenger Kneebag Present                            | True                                          |      |
| 1st Row Seat Side Airbags Present                    | True                                          |      |
| Passive Ped Pro Present                              | False                                         |      |
| Integrated EPP Present                               | False                                         |      |
| Curtain Airbags Present                              | True                                          |      |
| Tow Hooks Present                                    | False                                         |      |
| Connector A Pin 11: Hood Ajar Switch Signal          | 500 ohm series and 500 ohm parallel resistors |      |
| Connector D Pin 12: PHEV ECM Hardwire Wake Up        | Engine Control Module Wake up (PHEV only)     |      |
| Connector F Pin 28: Right Rear Turn Lamp Fault Sense | Disable                                       |      |
| Connector F Pin 5: Left Rear Fog Lamp                | Output Disable                                |      |
| Connector F Pin 41: Backup-Reverse lamp Left         | Set                                           |      |
| Connector F Pin 29: Horn Switch Input                | Horn Switch Input                             |      |

|                                                               |                          |         |
|---------------------------------------------------------------|--------------------------|---------|
| Connector F Pin 31: Right Sliding Door Ajar                   | Right Sliding Door Ajar  |         |
| Connector E Pin 7: Left HID Relay Control                     | Left HID Lamp Relay      |         |
| Stop/Start Enable Switch Present                              | Not Set                  |         |
| Connector F Pin 27: Left Sliding Door Ajar                    | Left Sliding Door Ajar   |         |
| Connector E Pin 3: Left Rear Turn Signal                      | Left Rear Turn Signal    |         |
| Connector F Pin 4: Liftgate Release                           | Trunk/Liftgate Release   |         |
| Connector E Pin 37: Right HID Relay Control                   | Right HID Lamp Relay     |         |
| Connector F Pin 25: Left Rear Turn Lamp Fault Sense           | Disable                  |         |
| Connector D Pin 21: Brake Fluid Level Switch                  | no parallel resistor     |         |
| Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present | Reserved                 |         |
| Connector E Pin 29: Rear Wiper Motor Park Signal              | Reserved                 |         |
| Connector E Pin 39: Right Rear Fog Lamp                       | Output Disable           |         |
| Connector A Pin 2: Right High Beam Feed                       | Right High Beam (0)      |         |
| Connector E Pin 5: E-5 PHEV Fuel Door Switch Input            | PHEV Fuel Door Switch    |         |
| Connector D Pin 1: Left High Beam Feed                        | Left High Beam (0)       |         |
| Connector F Pin 42: Right Rear Turn Signal                    | Right Rear Turn Signal   |         |
| Connector E Pin 1: Backup-Reverse lamp Right                  | Set                      |         |
| Rear View Camera Static Grid Lines Enabled                    | Not Set                  |         |
| Rear View Camera Dynamic Grid Lines Enabled                   | Not Set                  |         |
| Auto Wipers                                                   | Set                      |         |
| Auto Highbeam                                                 | Set                      |         |
| Auto Unlock                                                   | Set                      |         |
| Sliding Door Chime Enable                                     | Set                      |         |
| Sound Horn On Lock Status                                     | Chirp on 1st press/FIRST |         |
| Auto Lock                                                     | Set                      |         |
| Illuminated Approach Time                                     | 30                       | seconds |
| Unlock all doors on 1st press                                 | Not Set                  |         |
| Headlamp Delay Time                                           | 30                       | seconds |
| Sound Horn on Remote Start                                    | Set                      |         |
| Hands Free Sliding Door Enable                                | Set                      |         |
| Headlamps on with Wipers                                      | Set                      |         |
| Sound Horn on Lock                                            | Set                      |         |
| Sliding Door Alert                                            | Not Set                  |         |
| Flash Lamps on Lock                                           | Set                      |         |
| Daytime Running Lamps                                         | Set                      |         |
| Accessory Delay Time                                          | 45                       | seconds |
| Siren                                                         | Not Set                  |         |
| Tilt                                                          | Not Set                  |         |
| Ultrasonics                                                   | Not Set                  |         |
| Left Low Beam Voltage Regulation                              | 13.6 Volts               |         |
| Right Rear Corner Voltage                                     | 14 Volts                 |         |
| Right Front Corner Voltage                                    | 13.4 Volts               |         |
| Auto Headlamp Off Threshold                                   | 2.54930                  | Volt    |
| Left High Beam Voltage Regulation                             | 13.6 Volts               |         |
|                                                               |                          |         |

|                                    |                               |        |
|------------------------------------|-------------------------------|--------|
| Front Park/Turn Voltage            | Park to Turn ratio 55 Percent |        |
| Auto Headlamp On Threshold         | 3.31409                       | Volt   |
| Left Rear Corner Voltage           | 14 Volts                      |        |
| Right High Beam Voltage Regulation | 13.8 Volts                    |        |
| Right Low Beam Voltage Regulation  | 14 Volts                      |        |
| Left Front Corner Voltage          | 13.2 Volts                    |        |
| Battery Type II                    | 255                           |        |
| IBS Minimum Charge Limit           | 600                           | mA     |
| IBS Minimum Voltage Limit          | 5.0                           | Volts  |
| IBS Activate MWU                   | Not Set                       |        |
| Battery Types                      | SNA                           |        |
| IBS Quiescence Current Limit       | -250                          | mA     |
| IBS Minimal Charge Limit           | 10                            | AmpHrs |
| OBCM                               | Set                           |        |
| EBCM                               | Set                           |        |
| ESM                                | Set                           |        |
| EAC                                | Set                           |        |
| APM                                | Set                           |        |
| AHCP                               | Set                           |        |
| HCP                                | Set                           |        |
| BPCM                               | Set                           |        |
| ESC                                | Set                           |        |
| ECM                                | Set                           |        |
| ORC                                | Set                           |        |
| VTM                                | Not Set                       |        |
| DMRL                               | Set                           |        |
| PSDMR                              | Set                           |        |
| EDM                                | Set                           |        |
| EOMR                               | Set                           |        |
| DDM                                | Set                           |        |
| DTV                                | Not Set                       |        |
| PDM                                | Set                           |        |
| HVACR                              | Set                           |        |
| PLGM                               | Set                           |        |
| ICS                                | Set                           |        |
| DSM                                | Set                           |        |
| CVPM                               | Set                           |        |
| MSMP                               | Set                           |        |
| ANC                                | Not Set                       |        |
| HSM                                | Set                           |        |
| MSM                                | Set                           |        |
| PSDML                              | Set                           |        |
| Radio                              | Set                           |        |
| DMRR                               | Set                           |        |
|                                    |                               |        |

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

|     |         |  |
|-----|---------|--|
| ESL | Not Set |  |
|-----|---------|--|

## HSM CONFIGURATION

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

## RADIO CONFIGURATION

| NAME                                          | VALUE | UNITS   |
|-----------------------------------------------|-------|---------|
| GPS on the Bus messaging Authorization        | —     |         |
| Compass on the bus messaging Authorization    | —     |         |
| Satellite Subscription Status                 | —     |         |
| Satellite Subscription ID                     | —     |         |
| Satellite Subscription Reason Code            | —     |         |
| Satellite Subscription Suspend Day            | —     |         |
| Satellite Subscription Suspend Month          | —     |         |
| Satellite Subscription Suspend Year           | —     |         |
| Aux Jack                                      | —     |         |
| SD Card Readers Detected                      | —     | No Unit |
| Enumerated USB Devices                        | —     | No Unit |
| USB Hubs Detected                             | —     | No Unit |
| DTV Short Term Configuration                  | —     |         |
| 911 Button                                    | —     |         |
| Splash Screen                                 | —     |         |
| Cabin EQ Curve Number Currently Used by Radio | —     |         |
| Clock Defeat                                  | —     |         |
| Anti-Theft Enable Status                      | —     |         |
| 12/24 Time Selection                          | —     |         |
| Front Seat Video Playback                     | —     |         |
| Automated Loudness                            | —     |         |
| SDARS                                         | —     |         |

|                       |   |  |
|-----------------------|---|--|
| Navigation Active     | — |  |
| Cellular              | — |  |
| Application Framework | — |  |
| Bluetooth             | — |  |
| Internal CD Player    | — |  |
| FM Diversity          | — |  |
| Wi-Fi                 | — |  |

## HVACR CONFIGURATION

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

## FFCM CONFIGURATION

| NAME              | VALUE          | UNITS |
|-------------------|----------------|-------|
| Traceability info | 11191264059703 |       |
| XCP Enabled       | False          |       |
| HIL mode Enabled  | False          |       |
| Traceability info | 02191237429105 |       |

## EDM CONFIGURATION

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

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

## RCCC CONFIGURATION

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

## ABSO CONFIGURATION

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