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## VEHICLE SCAN REPORT

**Vehicle** 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE  
**VIN** [REDACTED]

**Odometer** 8135.9 miles  
**Publication Date** Jan 25, 2022, 10:47:44 AM

## ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | CURRENT VIN | ORIGINAL VIN | PART #     |
|-------|--------------------------------|----------|--------------|-------------|--------------|------------|
| PCM   | Powertrain Control Module      | CAN-C    | 68499122AE   | [REDACTED]  | [REDACTED]   | 68499122AE |
| PLGM  | Power Liftgate                 | CAN-I    | 68466171AI   | [REDACTED]  | —            | 68466171AI |
| ICS   | Integrated Center Stack        | CAN-I    | 7AS341X8AA   | [REDACTED]  | [REDACTED]   | 7AS341X8AA |
| RFH   | Radio Frequency Hub            | CAN-C    | 68500152AA   | [REDACTED]  | [REDACTED]   | 68500152AA |
| ESM   | Electronic Shifter             | CAN-C    | 68240089AN   | [REDACTED]  | [REDACTED]   | 68240089AN |
| ORC   | Occupant Restraint             | CAN-C    | 68480710AC   | [REDACTED]  | [REDACTED]   | 68480710AC |
| EPS   | Electric Power Steering        | CAN-C    | 68460392AA   | [REDACTED]  | [REDACTED]   | 68460392AA |
| HVAC  | Heat, Ventilation and A/C      | CAN-I    | 68493454AE   | [REDACTED]  | [REDACTED]   | 68493454AE |
| DDM   | Driver Door Module             | CAN-I    | 68496461AB   | [REDACTED]  | [REDACTED]   | 68496461AB |
| PDM   | Passenger Door Module          | CAN-I    | 68496460AB   | [REDACTED]  | [REDACTED]   | 68496460AB |
| DMRL  | Door Module Rear Left          | CAN-I    | 68508894AB   | [REDACTED]  | [REDACTED]   | 68508894AB |
| DMRR  | Door Module Rear Right         | CAN-I    | 68508894AB   | [REDACTED]  | [REDACTED]   | 68508894AB |
| PSDML | Power Sliding Doors (Left)     | CAN-I    | 68369596AD   | [REDACTED]  | [REDACTED]   | 68369596AD |
| PSDMR | Power Sliding Doors (Right)    | CAN-I    | 68369596AD   | [REDACTED]  | [REDACTED]   | 68369596AD |
| MSM   | Memory Seat Module             | CAN-I    | 68321862AC   | [REDACTED]  | [REDACTED]   | 68321862AC |
| CSWM  | Comfort Seat Wheel Module      | CAN-I    | 68517013AB   | [REDACTED]  | [REDACTED]   | 68517013AB |
| AMP   | Amplifier                      | CAN-I    | 68448067AA   | [REDACTED]  | [REDACTED]   | 68448067AA |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68434960AE   | [REDACTED]  | [REDACTED]   | 68434960AE |
| PTS   | Parktronics                    | CAN-C    | 68485862AA   | [REDACTED]  | [REDACTED]   | 68485862AA |
| SCCM  | Steering Column Control Module | CAN-C    | 68360889AD   | [REDACTED]  | [REDACTED]   | 68360889AD |
| BCM   | Body Controller                | CAN-C    | 68491085AG   | [REDACTED]  | [REDACTED]   | 68491085AG |

|       |                                    |       |            |  |  |            |
|-------|------------------------------------|-------|------------|--|--|------------|
| ACC   | Adaptive Cruise Control            | CAN-C | 68540436AB |  |  | 68540436AB |
| RADIO | Radio                              | CAN-I | 68465292AE |  |  | 68465292AE |
| OCM   | Occupant Classification            | CAN-C | 68403127AA |  |  | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB |  |  | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AB |  |  | 04672786AB |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AB |  |  | 04672786AB |
| FFCM  | Forward Facing Camera Module       | CAN-C | 68493395AA |  |  | 68493395AA |
| APM   | Accessory Power Module             | CAN-C | 05185046AB |  |  | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 05193183AE |  |  | 05193183AE |
| HCP   | Hybrid Control Processor           | CAN-C | 05185116AH |  |  | 05185116AH |
| OBCM  | On Board Charging Module           | CAN-C | 05185047AE |  |  | 05185047AE |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC |  |  | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68437339AD |  |  | 68437339AD |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 6WL30PD2AA |  |  | 6WL30PD2AA |
| CVPM  | Central vision processing module   | CAN-I | 56029920AB |  |  | 56029920AB |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG |  |  | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05185117AH |  |  | 05185117AH |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68461813AB |  |  | 68461813AB |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68471122AD |  |  | 68471122AD |
| SGW   | Security Gateway Module            | CAN-C | 68488429AB |  |  | 68488429AB |
| TBM2  | Telematic Box Module 2             | CAN-C | 68546266AB |  |  | 68546266AB |

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

| ECU  | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT        | CVNS     |
|------|--------------|------------------|------------------|--------------|----------|
| PCM  | USA          | 1B 47            | 75 01 01         | 4422         | F2DB13B9 |
| PLGM | USA          | 0                | 5084             | 000200000031 |          |
| ICS  | USA          | 0F 0C 00         | 13 31 01         | 4700         |          |
| RFH  | USA / USA    | 10 17 00         | 13 26 00         | 4A00         |          |
| ESM  | USA / USA    | 13 02 00         | 14 23 FF         | 4402         |          |
| ORC  | USA / USA    | 12 1A 00         | 13 2E 00         | 4301         |          |
| EPS  | USA / USA    | 12 2A 00         | 12 1E 01         | 4502         |          |

|       |                              |          |          |              |                                  |
|-------|------------------------------|----------|----------|--------------|----------------------------------|
| HVAC  | USA                          | 0E 09 00 | 14 2F 01 | 4401         |                                  |
| DDM   | USA                          | 11 07 00 | 14 07 00 | 4202         |                                  |
| PDM   | USA                          | 11 07 00 | 14 07 00 | 4202         |                                  |
| DMRL  | USA / USA                    | 10 0B 00 | 14 08 00 | 4201         |                                  |
| DMRR  | USA / USA                    | 10 0B 00 | 14 08 00 | 4201         |                                  |
| PSDML | USA / USA                    | 10 17 00 | 14 10 12 | 4001         |                                  |
| PSDMR | USA / USA                    | 10 17 00 | 14 10 12 | 4001         |                                  |
| MSM   | USA                          | 0F 2B 00 | 10 27 03 | 4101         |                                  |
| CSWM  | USA                          | 11 2A 00 | 14 25 00 | 4302         |                                  |
| AMP   | USA                          | 0F 06 01 | 12 2E 01 | 4021         |                                  |
| IPC   | USA / USA                    | 12 06 00 | 14 2B 00 | 4705         |                                  |
| PTS   | USA                          | 0E 32 00 | 14 07 00 | 4311         |                                  |
| SCCM  | USA                          | 13 28 00 | 13 29 00 | 4301         |                                  |
| BCM   | USA                          | 0D 11 00 | 14 26 90 | 4420         |                                  |
| ACC   | USA / USA                    | 14 2A 01 | 15 13 01 | 4400         |                                  |
| RADIO |                              | 65       | 5671     | 000200000008 |                                  |
| OCM   | USA / USA                    | 11 1F 01 | 0E 2F 02 | 4030         |                                  |
| HVACR | USA                          | 0E 09 00 | 10 03 02 | 4301         |                                  |
| LBSS  | USA / USA                    | 11 30 02 | 12 0D 00 | 4202         |                                  |
| RBSS  | USA / USA                    | 11 30 02 | 12 0D 00 | 4202         |                                  |
| FFCM  | USA / USA                    | 11 06 00 | 13 1E 00 | 4102         |                                  |
| APM   | USA / USA                    | 11 32 00 | 11 32 00 | 4001         |                                  |
| BPCM  | Not programmed / COUNTRY_SNA | 0E 03 00 | 14 2C 00 | 4005         | 79855957                         |
| HCP   | USA                          | 11 1F 04 | 0F 2D 00 | 4006         | 879F1587<br>D754327D<br>050DC953 |
| OBCM  | USA                          | 0F 0D 00 | 12 02 00 | 4002         |                                  |
| MSMP  | USA                          | 0F 2B 00 | 10 27 03 | 4001         |                                  |
| DSM   | USA / USA                    | 14 0C 00 | 14 28 00 | 4300         |                                  |
| RCCC  | USA                          | 0F 1D 00 | 13 04 00 | 4000         |                                  |
| CVPM  | USA / USA                    | 11 27 01 | 14 0C 01 | 4004         |                                  |
| EAC   | USA                          | 0E 34 00 | 12 0F 00 | 4102         |                                  |
| AHCP  | USA                          | 11 1F 04 | 0F 2D 00 | 4000         |                                  |
| EBBM  | USA                          | 0E 19 02 | 14 0D 18 | 4000         | E5898FA5                         |
| ABSO  | USA                          | 0E 15 02 | 14 1B 26 | 4201         | 4F158D1B                         |
| SGW   |                              | 5        | 969      | 4103         |                                  |
| TBM2  | USA                          | 13 0E 02 | 14 2A 5C | 4104         |                                  |

## DTC SUMMARY

| ECU | DTC CODE | DTC DESCRIPTION                           | STATUS |
|-----|----------|-------------------------------------------|--------|
| PCM | U1110    | Lost Vehicle Speed Message                | Stored |
| PCM | U1186    | Lost ACC Torque Message                   | Stored |
| PCM | P1C4E    | ABS DTC Present                           | Stored |
| PCM | U115E    | Lost Fuel Fill Door Switch Message        | Stored |
| PCM | U017E    | Lost Communication with Seatbelt Sensor 1 | Stored |

|       |          |                                                                             |        |
|-------|----------|-----------------------------------------------------------------------------|--------|
| PCM   | U1141    | Lost Brake and Torque Messages                                              | Stored |
| PCM   | U11C2    | Implausible/Missing Transmission Message                                    | Stored |
| PCM   | U110A    | Lost Communication With SCM - CAN-C                                         | Stored |
| PCM   | U0151    | Lost Communication with Occupant Restraint Controller (ORC)                 | Stored |
| PCM   | U0155    | Lost Communication With Cluster/CCN                                         | Stored |
| RFH   | U0001-00 | CAN C Bus-                                                                  | Stored |
| RFH   | U0140-00 | Lost Communication With Body Control Module-                                | Stored |
| RFH   | U0103-00 | Lost Communication With Electric Gear Shift Module-                         | Stored |
| RFH   | U0155-00 | Lost Communication With Cluster/CCN-                                        | Stored |
| RFH   | U0100-00 | Lost Communication With ECM/PCM "A"-                                        | Stored |
| RFH   | U0293-00 | Lost Communication with Hybrid Control Module "A"-                          | Stored |
| ESM   | U0293-00 | Lost Communication with Hybrid Control Module "A"-                          | Stored |
| ORC   | U0154-00 | Lost Communication With Occupant Classification Module-                     | Stored |
| ORC   | U0001-00 | CAN C Bus-                                                                  | Stored |
| ORC   | U0140-00 | Lost Communication With Body Control Module-                                | Stored |
| EPS   | U0140-00 | Lost Communication With Body Control Module-                                | Stored |
| EPS   | U0100-00 | Lost Communication With ECM/PCM "A"-                                        | Stored |
| EPS   | U0159-00 | Lost Communication With Parking Assist Control Module-                      | Stored |
| EPS   | U1215-00 | Lost Communication with Forward Facing Camera-                              | Stored |
| EPS   | U0415-00 | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"- | Stored |
| EPS   | U0212-00 | Lost Communication With Steering Column Control Module-                     | Stored |
| EPS   | U0101-00 | Lost Communication with TCM-                                                | Stored |
| EPS   | U0121-00 | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-    | Stored |
| EPS   | U0293-00 | Lost Communication with Hybrid Control Module "A"-                          | Stored |
| EPS   | U0155-00 | Lost Communication With Cluster/CCN-                                        | Stored |
| HVAC  | U0422-00 | Implausible Data Received From Body Control Module-                         | Stored |
| PSDML | U0422-00 | Implausible Data Received From Body Control Module-                         | Stored |
| PSDMR | U0422-00 | Implausible Data Received From Body Control Module-                         | Stored |
| IPC   | U0001-00 | CAN C Bus-                                                                  | Stored |
| IPC   | U0131-00 | Lost Communication With Power Steering Control Module "A"-                  | Stored |
| IPC   | U0293-00 | Lost Communication with Hybrid Control Module "A"-                          | Stored |
| IPC   | U1216-00 | Lost Communication with Driver Assistance System Module-                    | Stored |
| IPC   | U0159-00 | Lost Communication With Parking Assist Control Module-                      | Stored |
| IPC   | U0100-00 | Lost Communication With ECM/PCM "A"-                                        | Stored |
| IPC   | U0151-00 | Lost Communication with Occupant Restraint Controller (ORC)-                | Stored |
| IPC   | U1215-00 | Lost Communication with Forward Facing Camera-                              | Stored |
| PTS   | U0415-00 | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"- | Stored |
| PTS   | U0002-00 | CAN C Bus Off Performance-                                                  | Stored |
| PTS   | U0429-00 | Implausible Data Received from Steering Column Control Module-              | Stored |
| SCCM  | U0001-00 | CAN C Bus-                                                                  | Stored |
| BCM   | U0002-00 | CAN C Bus Off Performance-                                                  | Stored |
| BCM   | U0212-00 | Lost Communication With Steering Column Control Module-                     | Stored |
| BCM   | U11E8-00 | Lost Communication with EPS Steering Torque Message-                        | Stored |
| BCM   | U11B9-00 | Lost Communication with RF Hub-                                             | Stored |

|      |          |                                                                             |        |
|------|----------|-----------------------------------------------------------------------------|--------|
| BCM  | U0159-00 | Lost Communication With Parking Assist Control Module-                      | Stored |
| BCM  | U1216-00 | Lost Communication with Driver Assistance System Module-                    | Stored |
| BCM  | U1215-00 | Lost Communication with Forward Facing Camera-                              | Stored |
| BCM  | U0100-00 | Lost Communication With ECM/PCM "A"-                                        | Stored |
| ACC  | C2227-00 | ABS Disabled ECU-                                                           | Stored |
| ACC  | U0140-00 | Lost Communication With Body Control Module-                                | Stored |
| ACC  | U148D-00 | Implausible Data Received from Forward Facing Camera-                       | Stored |
| ACC  | U110A-00 | Lost Communication With SCM - CAN-C-                                        | Stored |
| ACC  | U121E-00 | Lost Communication with Steering Wheel Cruise Control Switch-               | Stored |
| ACC  | U0100-00 | Lost Communication With ECM/PCM "A"-                                        | Stored |
| ACC  | U0121-00 | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-    | Stored |
| ACC  | U0415-00 | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"- | Stored |
| ACC  | U0002-00 | CAN C Bus Off Performance-                                                  | Stored |
| ACC  | C0063-9A | Yaw Rate Sensor-Component or System Operating Conditions                    | Stored |
| OCM  | U0140-00 | Lost Communication With Body Control Module-                                | Stored |
| OCM  | B2206-00 | Current VIN Missing / Mismatch-                                             | Stored |
| LBSS | U0140-00 | Lost Communication With Body Control Module-                                | Stored |
| LBSS | U0422-00 | Implausible Data Received From Body Control Module-                         | Stored |
| RBSS | U0140-00 | Lost Communication With Body Control Module-                                | Stored |
| RBSS | U0422-00 | Implausible Data Received From Body Control Module-                         | Stored |
| HCP  | U0001-00 | CAN C Bus-                                                                  | Stored |
| HCP  | U0100-00 | Lost Communication With ECM/PCM "A"-                                        | Stored |
| HCP  | U0103-00 | Lost Communication With Electric Gear Shift Module-                         | Stored |
| HCP  | U0121-00 | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-    | Stored |
| HCP  | U0151-00 | Lost Communication with Occupant Restraint Controller (ORC)-                | Stored |
| HCP  | U0415-00 | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"- | Stored |
| HCP  | U11DD-00 | Body Control Module Signal Invalid-                                         | Stored |
| HCP  | U1850-00 | Implausible Data Received from PCM on D-PT-                                 | Stored |
| HCP  | U1852-00 | Implausible Data Received from ABS on D-PT-                                 | Stored |
| DSM  | U0140-00 | Lost Communication With Body Control Module-                                | Stored |
| CVPM | U0422-00 | Implausible Data Received From Body Control Module-                         | Stored |
| ABSO | C0021-00 | Brake Booster-                                                              | Stored |
| ABSO | U0104-00 | Lost Communication With Cruise Control Module-                              | Stored |
| ABSO | U0140-00 | Lost Communication With Body Control Module-                                | Stored |
| ABSO | U0002-00 | CAN C Bus Off Performance-                                                  | Stored |
| ABSO | U1226-00 | Lost Communication with Electronic Brake Booster Module-                    | Stored |
| ABSO | U0100-00 | Lost Communication With ECM/PCM "A"-                                        | Stored |
| ABSO | U0401-00 | Implausible Data Received From ECM/PCM "A"-                                 | Stored |
| ABSO | U0131-00 | Lost Communication With Power Steering Control Module "A"-                  | Stored |
| ABSO | U0293-00 | Lost Communication with Hybrid Control Module "A"-                          | Stored |
| ABSO | U0151-00 | Lost Communication with Occupant Restraint Controller (ORC)-                | Stored |
| ABSO | U0212-00 | Lost Communication With Steering Column Control Module-                     | Stored |
| ABSO | U0159-00 | Lost Communication With Parking Assist Control Module-                      | Stored |
| TBM2 | U0129-00 | Lost Communication With Brake System Control Module 1-                      | Stored |

|      |          |                                                                                      |        |
|------|----------|--------------------------------------------------------------------------------------|--------|
| TBM2 | U0140-00 | Lost Communication With Body Control Module-                                         | Stored |
| TBM2 | U0452-64 | Implausible Data Received From Restraints Control Module-Signal Plausibility Failure | Stored |

## ENVIRONMENTAL DATA SUMMARY

### PCM | U1110 | Stored | Lost Vehicle Speed Message

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | D1 10        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Odometer                              | 8112.6       | miles   |
| Accumulation Timer                    | 3            | minutes |
| Ignition Key Cycles                   | 8            |         |
| Starts Since Set Counter              | 8            |         |
| Key Cycles Since DTC Last Set Counter | 9            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 1            |         |

### PCM | U1186 | Stored | Lost ACC Torque Message

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | D1 86        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | Off          |         |
| Odometer                              | 8112.6       | miles   |
| Accumulation Timer                    | 15           | minutes |
| Ignition Key Cycles                   | 8            |         |
| Starts Since Set Counter              | 8            |         |
| Key Cycles Since DTC Last Set Counter | 9            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 1            |         |

### PCM | P1C4E | Stored | ABS DTC Present

| NAME                            | VALUE        | UNITS   |
|---------------------------------|--------------|---------|
| Number of DTC                   | 1            |         |
| DTC                             | 1C 4E        |         |
| DTC Readiness Flag              | Not Complete |         |
| DTC Storage State               | Stored       |         |
| Warning Indicator Request State | Off          |         |
| Odometer                        | 8112.6       | miles   |
| Accumulation Timer              | 16           | minutes |

|                                       |   |  |
|---------------------------------------|---|--|
| Ignition Key Cycles                   | 8 |  |
| Starts Since Set Counter              | 8 |  |
| Key Cycles Since DTC Last Set Counter | 9 |  |
| Warm Up Cycles                        | 0 |  |
| Good Trip Counter                     | 1 |  |

**PCM | U115E | Stored | Lost Fuel Fill Door Switch Message**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | D1 5E        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | Off          |         |
| Odometer                              | 8112.6       | miles   |
| Accumulation Timer                    | 0            | minutes |
| Ignition Key Cycles                   | 13           |         |
| Starts Since Set Counter              | 12           |         |
| Key Cycles Since DTC Last Set Counter | 13           |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 3            |         |

**PCM | U017E | Stored | Lost Communication with Seatbelt Sensor 1**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | C1 7E        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | Off          |         |
| Odometer                              | 8112.6       | miles   |
| Accumulation Timer                    | 0            | minutes |
| Ignition Key Cycles                   | 12           |         |
| Starts Since Set Counter              | 12           |         |
| Key Cycles Since DTC Last Set Counter | 13           |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 3            |         |

**PCM | U1141 | Stored | Lost Brake and Torque Messages**

| NAME                            | VALUE        | UNITS |
|---------------------------------|--------------|-------|
| Number of DTC                   | 1            |       |
| DTC                             | D1 41        |       |
| DTC Readiness Flag              | Not Complete |       |
| DTC Storage State               | Stored       |       |
| Warning Indicator Request State | Off          |       |
| Odometer                        | 8112.6       | miles |

|                                       |    |         |
|---------------------------------------|----|---------|
| Accumulation Timer                    | 0  | minutes |
| Ignition Key Cycles                   | 12 |         |
| Starts Since Set Counter              | 12 |         |
| Key Cycles Since DTC Last Set Counter | 13 |         |
| Warm Up Cycles                        | 0  |         |
| Good Trip Counter                     | 3  |         |

**PCM | U11C2 | Stored | Implausible/Missing Transmission Message**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | D1 C2        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | Off          |         |
| Odometer                              | 8112.6       | miles   |
| Accumulation Timer                    | 0            | minutes |
| Ignition Key Cycles                   | 12           |         |
| Starts Since Set Counter              | 12           |         |
| Key Cycles Since DTC Last Set Counter | 13           |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 3            |         |

**PCM | U110A | Stored | Lost Communication With SCM - CAN-C**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | D1 0A        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | Off          |         |
| Odometer                              | 8112.6       | miles   |
| Accumulation Timer                    | 0            | minutes |
| Ignition Key Cycles                   | 12           |         |
| Starts Since Set Counter              | 12           |         |
| Key Cycles Since DTC Last Set Counter | 13           |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 3            |         |

**PCM | U0151 | Stored | Lost Communication with Occupant Restraint Controller (ORC)**

| NAME                            | VALUE | UNITS |
|---------------------------------|-------|-------|
| Number of DTC                   | 0     |       |
| DTC                             |       |       |
| DTC Readiness Flag              |       |       |
| DTC Storage State               |       |       |
| Warning Indicator Request State |       |       |

|                                       |  |         |
|---------------------------------------|--|---------|
| Odometer                              |  | miles   |
| Accumulation Timer                    |  | minutes |
| Ignition Key Cycles                   |  |         |
| Starts Since Set Counter              |  |         |
| Key Cycles Since DTC Last Set Counter |  |         |
| Warm Up Cycles                        |  |         |
| Good Trip Counter                     |  |         |

**PCM | U0155 | Stored | Lost Communication With Cluster/CCN**

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

**RFH | U0001-00 | Stored | CAN C Bus-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | False |       |
| Test Not Completed This Operation Cycle | True  |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 3     |       |
| Ignition Cycle Counter                  | 10    |       |

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

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

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | False |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 2     |       |
| Ignition Cycle Counter                  | 11    |       |

**RFH | U0103-00 | Stored | Lost Communication With Electric Gear Shift Module-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | False |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 12    |       |

**RFH | U0155-00 | Stored | Lost Communication With Cluster/CCN-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | False |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |

|                        |    |  |
|------------------------|----|--|
| Frequency Counter      | 1  |  |
| Ignition Cycle Counter | 12 |  |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | False |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 12    |       |

**RFH | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | False |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 12    |       |

**ESM | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-**

| NAME                             | VALUE    | UNITS |
|----------------------------------|----------|-------|
| DTC                              | C2 93 00 |       |
| Test Failed                      | False    |       |
| Test Failed This Operation Cycle | False    |       |
| Pending DTC                      | False    |       |
| Confirmed DTC                    | True     |       |

|                                         |              |       |
|-----------------------------------------|--------------|-------|
| Test Not Completed Since Last Clear     | False        |       |
| Test Failed Since Last Clear            | True         |       |
| Test Not Completed This Operation Cycle | False        |       |
| Warning Indicator Requested             | False        |       |
| Occurrence flag                         | Occurrence   |       |
| Original Odometer Value                 | 8133         | miles |
| Most Recent Odometer Value              | 8133         | miles |
| Frequency Counter                       | 3            |       |
| Ignition Cycle Counter                  | 8            |       |
| Ignition Status                         | Ignition Run |       |
| Operating Voltage                       | 14.7         | Volts |
| Operation Time                          | 30982        | Min   |

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

| NAME                                    | VALUE                                  | UNITS |
|-----------------------------------------|----------------------------------------|-------|
| Test Failed                             | False                                  |       |
| Test Failed This Operation Cycle        | False                                  |       |
| Pending DTC                             | False                                  |       |
| Confirmed DTC                           | True                                   |       |
| Test Not Completed Since Last Clear     | False                                  |       |
| Test Failed Since Last Clear            | True                                   |       |
| Test Not Completed This Operation Cycle | False                                  |       |
| Warning Indicator Requested             | False                                  |       |
| Occurrence flag                         | ERROR                                  |       |
| Original Odometer Value                 | Odometer value not available / Default | miles |
| Most Recent Odometer Value              | 8133                                   | miles |
| Frequency Counter                       | 2                                      |       |
| Operation Cycle Counter                 | 9                                      |       |
| DTC Extended Data Record Number - All   | FF                                     |       |

**ORC | U0001-00 | Stored | CAN C Bus-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 3     |       |

Operation Cycle Counter

9

DTC Extended Data Record Number - All

FF

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

| NAME                                    | VALUE                                  | UNITS |
|-----------------------------------------|----------------------------------------|-------|
| Test Failed                             | False                                  |       |
| Test Failed This Operation Cycle        | False                                  |       |
| Pending DTC                             | False                                  |       |
| Confirmed DTC                           | True                                   |       |
| Test Not Completed Since Last Clear     | False                                  |       |
| Test Failed Since Last Clear            | True                                   |       |
| Test Not Completed This Operation Cycle | False                                  |       |
| Warning Indicator Requested             | False                                  |       |
| Occurrence flag                         | ERROR                                  |       |
| Original Odometer Value                 | Odometer value not available / Default | miles |
| Most Recent Odometer Value              | 8133                                   | miles |
| Frequency Counter                       | 2                                      |       |
| Operation Cycle Counter                 | 12                                     |       |
| DTC Extended Data Record Number - All   | FF                                     |       |

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

| NAME                                                                                             | VALUE    | UNITS  |
|--------------------------------------------------------------------------------------------------|----------|--------|
| DTC                                                                                              | C1 40 00 |        |
| Test Failed                                                                                      | False    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 8133     | miles  |
| Most Recent Odometer Value                                                                       | 8133     | miles  |
| Frequency Counter                                                                                | 4        |        |
| Ignition Cycle Counter                                                                           | 9        |        |
| Supplier Internal Fault Code                                                                     | 01 D9 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 0.000    | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | 167.49   | Deg    |
| EPS Steering Wheel Velocity                                                                      | 6.02     | deg/s  |
| EPS System Current Draw                                                                          | 26       | A      |
| EPS Measured Module Voltage                                                                      | 14.32    | V      |
| EPS Steering Wheel Torque                                                                        | -2.2239  | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 64.8     | °F     |

CAN Battery Voltage

14.6

Volts

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

| NAME                                                                                             | VALUE    | UNITS  |
|--------------------------------------------------------------------------------------------------|----------|--------|
| DTC                                                                                              | C1 00 00 |        |
| Test Failed                                                                                      | False    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 8133     | miles  |
| Most Recent Odometer Value                                                                       | 8133     | miles  |
| Frequency Counter                                                                                | 6        |        |
| Ignition Cycle Counter                                                                           | 9        |        |
| Supplier Internal Fault Code                                                                     | 01 29 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 0.000    | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -553.33  | Deg    |
| EPS Steering Wheel Velocity                                                                      | -1.80    | deg/s  |
| EPS System Current Draw                                                                          | 17       | A      |
| EPS Measured Module Voltage                                                                      | 14.42    | V      |
| EPS Steering Wheel Torque                                                                        | 3.7219   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 64.0     | °F     |
| CAN Battery Voltage                                                                              | 14.6     | Volts  |

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

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 59 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| Occurrence flag                         | ERROR    |       |
| Original Odometer Value                 | 8133     | miles |
| Most Recent Odometer Value              | 8133     | miles |
| Frequency Counter                       | 13       |       |
| Ignition Cycle Counter                  | 9        |       |

|                                                                                                  |          |        |
|--------------------------------------------------------------------------------------------------|----------|--------|
| Supplier Internal Fault Code                                                                     | 01 99 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 0.000    | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -444.82  | Deg    |
| EPS Steering Wheel Velocity                                                                      | -3.38    | deg/s  |
| EPS System Current Draw                                                                          | 31       | A      |
| EPS Measured Module Voltage                                                                      | 14.26    | V      |
| EPS Steering Wheel Torque                                                                        | 2.4774   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 64.0     | °F     |
| CAN Battery Voltage                                                                              | 14.6     | Volts  |

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

| NAME                                                                                             | VALUE    | UNITS  |
|--------------------------------------------------------------------------------------------------|----------|--------|
| DTC                                                                                              | D2 15 00 |        |
| Test Failed                                                                                      | False    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 8133     | miles  |
| Most Recent Odometer Value                                                                       | 8133     | miles  |
| Frequency Counter                                                                                | 19       |        |
| Ignition Cycle Counter                                                                           | 9        |        |
| Supplier Internal Fault Code                                                                     | 01 91 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 0.000    | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -425.52  | Deg    |
| EPS Steering Wheel Velocity                                                                      | -3.21    | deg/s  |
| EPS System Current Draw                                                                          | 32       | A      |
| EPS Measured Module Voltage                                                                      | 14.27    | V      |
| EPS Steering Wheel Torque                                                                        | 2.5811   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 64.0     | °F     |
| CAN Battery Voltage                                                                              | 14.6     | Volts  |

#### EPS | 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    |       |
| Test Failed This Operation Cycle    | False    |       |
| Pending DTC                         | False    |       |
| Confirmed DTC                       | True     |       |
| Test Not Completed Since Last Clear | False    |       |

|                                                                                                  |          |        |
|--------------------------------------------------------------------------------------------------|----------|--------|
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 8133     | miles  |
| Most Recent Odometer Value                                                                       | 8133     | miles  |
| Frequency Counter                                                                                | 11       |        |
| Ignition Cycle Counter                                                                           | 9        |        |
| Supplier Internal Fault Code                                                                     | 01 8B 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 0.000    | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -59.51   | Deg    |
| EPS Steering Wheel Velocity                                                                      | -8.44    | deg/s  |
| EPS System Current Draw                                                                          | 49       | A      |
| EPS Measured Module Voltage                                                                      | 14.06    | V      |
| EPS Steering Wheel Torque                                                                        | 2.6848   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 63.8     | °F     |
| CAN Battery Voltage                                                                              | 14.6     | Volts  |

#### EPS | U0212-00 | Stored | Lost Communication With Steering Column Control Module-

| NAME                                                                                             | VALUE    | UNITS  |
|--------------------------------------------------------------------------------------------------|----------|--------|
| DTC                                                                                              | C2 12 00 |        |
| Test Failed                                                                                      | False    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 8133     | miles  |
| Most Recent Odometer Value                                                                       | 8133     | miles  |
| Frequency Counter                                                                                | 1        |        |
| Ignition Cycle Counter                                                                           | 10       |        |
| Supplier Internal Fault Code                                                                     | 01 21 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 62.137   | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -6.50    | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.04    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 14.54    | V      |
| EPS Steering Wheel Torque                                                                        | 0.0864   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 68.6     | °F     |
| CAN Battery Voltage                                                                              | 14.7     | Volts  |

## EPS | U0101-00 | Stored | Lost Communication with TCM-

| NAME                                                                                             | VALUE    | UNITS  |
|--------------------------------------------------------------------------------------------------|----------|--------|
| DTC                                                                                              | C1 01 00 |        |
| Test Failed                                                                                      | False    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 8133     | miles  |
| Most Recent Odometer Value                                                                       | 8133     | miles  |
| Frequency Counter                                                                                | 3        |        |
| Ignition Cycle Counter                                                                           | 10       |        |
| Supplier Internal Fault Code                                                                     | 01 A9 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 62.137   | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -6.50    | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.04    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 14.54    | V      |
| EPS Steering Wheel Torque                                                                        | 0.0864   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 68.6     | °F     |
| CAN Battery Voltage                                                                              | 14.7     | Volts  |

## EPS | U0121-00 | Stored | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 21 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| Occurrence flag                         | ERROR    |       |
| Original Odometer Value                 | 8133     | miles |
| Most Recent Odometer Value              | 8133     | miles |
| Frequency Counter                       | 12       |       |
| Ignition Cycle Counter                  | 10       |       |
| Supplier Internal Fault Code            | 01 39 01 |       |
| EPS Internal Filtered Vehicle Speed     | 62.137   | MPH   |

|                                                                                                  |        |        |
|--------------------------------------------------------------------------------------------------|--------|--------|
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -6.99  | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.04  | deg/s  |
| EPS System Current Draw                                                                          | 0      | A      |
| EPS Measured Module Voltage                                                                      | 14.59  | V      |
| EPS Steering Wheel Torque                                                                        | 0.0288 | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 68.6   | °F     |
| CAN Battery Voltage                                                                              | 14.7   | Volts  |

#### EPS | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

| NAME                                                                                             | VALUE    | UNITS  |
|--------------------------------------------------------------------------------------------------|----------|--------|
| DTC                                                                                              | C2 93 00 |        |
| Test Failed                                                                                      | False    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 8133     | miles  |
| Most Recent Odometer Value                                                                       | 8133     | miles  |
| Frequency Counter                                                                                | 2        |        |
| Ignition Cycle Counter                                                                           | 10       |        |
| Supplier Internal Fault Code                                                                     | 01 E0 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 0.000    | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -6.99    | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.00    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 14.58    | V      |
| EPS Steering Wheel Torque                                                                        | 0.0346   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 68.6     | °F     |
| CAN Battery Voltage                                                                              | 14.7     | Volts  |

#### EPS | U0155-00 | Stored | Lost Communication With Cluster/CCN-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 55 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |

|                                                                                                  |          |        |
|--------------------------------------------------------------------------------------------------|----------|--------|
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 8133     | miles  |
| Most Recent Odometer Value                                                                       | 8133     | miles  |
| Frequency Counter                                                                                | 2        |        |
| Ignition Cycle Counter                                                                           | 10       |        |
| Supplier Internal Fault Code                                                                     | 01 59 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 0.000    | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -6.99    | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.04    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 14.57    | V      |
| EPS Steering Wheel Torque                                                                        | 0.0403   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 68.6     | °F     |
| CAN Battery Voltage                                                                              | 14.7     | Volts  |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 3     |       |
| Ignition Cycle Counter                  | 10    |       |

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

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

|                            |      |       |
|----------------------------|------|-------|
| Original Odometer Value    | 8133 | miles |
| Most Recent Odometer Value | 8133 | miles |
| Frequency Counter          | 5    |       |
| Ignition Cycle Counter     | 9    |       |

**PSDMR | U0422-00 | Stored | Implausible Data Received From Body Control Module-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | FF    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 5     |       |
| Ignition Cycle Counter                  | 9     |       |

**IPC | U0001-00 | Stored | CAN C Bus-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | FF         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8133       | miles |
| Most Recent Odometer Value              | 8133       | miles |
| Frequency Counter                       | 1          |       |
| Ignition Cycle Counter                  | 10         |       |

**IPC | U0131-00 | Stored | Lost Communication With Power Steering Control Module "A"-**

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

|                                         |            |       |
|-----------------------------------------|------------|-------|
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | FF         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8133       | miles |
| Most Recent Odometer Value              | 8133       | miles |
| Frequency Counter                       | 1          |       |
| Ignition Cycle Counter                  | 11         |       |

#### IPC | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | FF         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8133       | miles |
| Most Recent Odometer Value              | 8133       | miles |
| Frequency Counter                       | 1          |       |
| Ignition Cycle Counter                  | 11         |       |

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

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | FF         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8133       | miles |
| Most Recent Odometer Value              | 8133       | miles |
| Frequency Counter                       | 1          |       |

Ignition Cycle Counter

11

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | FF    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 11    |       |

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

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | FF         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8133       | miles |
| Most Recent Odometer Value              | 8133       | miles |
| Frequency Counter                       | 1          |       |
| Ignition Cycle Counter                  | 11         |       |

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

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

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | FF    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 11    |       |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | FF    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 11    |       |

#### 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      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 03         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 0          | miles |
| Most Recent Odometer Value              | 8133       | miles |
| Frequency Counter                       | 5          |       |
| DC/DC Converter Voltage                 | 87         | Volt  |

**PTS | U0002-00 | Stored | CAN C Bus Off Performance-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | C0 02 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 03         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 0          | miles |
| Most Recent Odometer Value              | 8133       | miles |
| Frequency Counter                       | 19         |       |
| DC/DC Converter Voltage                 | 87         | Volt  |

**PTS | U0429-00 | Stored | Implausible Data Received from Steering Column Control Module-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | C4 29 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 03         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 0          | miles |
| Most Recent Odometer Value              | 8133       | miles |
| Frequency Counter                       | 2          |       |
| DC/DC Converter Voltage                 | 88         | Volt  |

**SCCM | U0001-00 | Stored | CAN C Bus-**

| NAME                                | VALUE    | UNITS |
|-------------------------------------|----------|-------|
| DTC                                 | C0 01 00 |       |
| Test Failed                         | False    |       |
| Test Failed This Operation Cycle    | False    |       |
| Pending DTC                         | False    |       |
| Confirmed DTC                       | True     |       |
| Test Not Completed Since Last Clear | False    |       |

|                                         |              |       |
|-----------------------------------------|--------------|-------|
| Test Failed Since Last Clear            | True         |       |
| Test Not Completed This Operation Cycle | False        |       |
| Warning Indicator Requested             | False        |       |
| DTC Extended Data Record Number - All   | 01           |       |
| Occurrence flag                         | ERROR        |       |
| Original Odometer Value                 | 7874         | miles |
| Most Recent Odometer Value              | 8133         | miles |
| Frequency Counter                       | 255          |       |
| Ignition Cycle Counter                  | 5            |       |
| DTC Extended Data Record Number - 2     | 02           |       |
| Ignition Status                         | Ignition Run |       |
| Operating Voltage                       | 14.8         | Volts |
| Sub-Faults Saved                        | 00 00        |       |
| Sub-Faults Active                       | 00 01        |       |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 10    |       |
| Ignition Cycle Counter                  | 9     |       |

#### BCM | U0212-00 | Stored | Lost Communication With Steering Column Control Module-

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

|                            |      |       |
|----------------------------|------|-------|
| Original Odometer Value    | 8133 | miles |
| Most Recent Odometer Value | 8133 | miles |
| Frequency Counter          | 2    |       |
| Ignition Cycle Counter     | 10   |       |

**BCM | U11E8-00 | Stored | Lost Communication with EPS Steering Torque Message-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 3     |       |
| Ignition Cycle Counter                  | 10    |       |

**BCM | U11B9-00 | Stored | Lost Communication with RF Hub-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 2     |       |
| Ignition Cycle Counter                  | 10    |       |

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

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

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 3     |       |
| Ignition Cycle Counter                  | 10    |       |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 3     |       |
| Ignition Cycle Counter                  | 10    |       |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 3     |       |

Ignition Cycle Counter

10

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 3     |       |
| Ignition Cycle Counter                  | 10    |       |

**ACC | C2227-00 | Stored | ABS Disabled ECU-**

| NAME                                    | VALUE   | UNITS  |
|-----------------------------------------|---------|--------|
| Test Failed                             | False   |        |
| Test Failed This Operation Cycle        | False   |        |
| Pending DTC                             | False   |        |
| Confirmed DTC                           | True    |        |
| Test Not Completed Since Last Clear     | False   |        |
| Test Failed Since Last Clear            | True    |        |
| Test Not Completed This Operation Cycle | False   |        |
| Warning Indicator Requested             | False   |        |
| Occurrence flag                         | ERROR   |        |
| Original Odometer Value                 | 8133    | miles  |
| Most Recent Odometer Value              | 8133    | miles  |
| Frequency Counter                       | 2       |        |
| Operation Cycle Counter                 | 8       |        |
| Vehicle Speed                           | 0       | MPH    |
| Engine RPM                              | 0       | rpm    |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| PRNDL Status                            | P range |        |
| Ignition Voltage                        | 14.5    |        |
| System Voltage                          | 14.7    | Volts  |

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

| NAME                                    | VALUE   | UNITS  |
|-----------------------------------------|---------|--------|
| Test Failed                             | False   |        |
| Test Failed This Operation Cycle        | False   |        |
| Pending DTC                             | False   |        |
| Confirmed DTC                           | True    |        |
| Test Not Completed Since Last Clear     | False   |        |
| Test Failed Since Last Clear            | True    |        |
| Test Not Completed This Operation Cycle | False   |        |
| Warning Indicator Requested             | False   |        |
| Occurrence flag                         | ERROR   |        |
| Original Odometer Value                 | 8133    | miles  |
| Most Recent Odometer Value              | 8133    | miles  |
| Frequency Counter                       | 56      |        |
| Operation Cycle Counter                 | 8       |        |
| Vehicle Speed                           | 0       | MPH    |
| Engine RPM                              | 0       | rpm    |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| PRNDL Status                            | D range |        |
| Ignition Voltage                        | 14.4    |        |
| System Voltage                          | 14.6    | Volts  |

#### ACC | U148D-00 | Stored | Implausible Data Received from Forward Facing Camera-

| NAME                                    | VALUE   | UNITS  |
|-----------------------------------------|---------|--------|
| Test Failed                             | False   |        |
| Test Failed This Operation Cycle        | False   |        |
| Pending DTC                             | False   |        |
| Confirmed DTC                           | True    |        |
| Test Not Completed Since Last Clear     | False   |        |
| Test Failed Since Last Clear            | True    |        |
| Test Not Completed This Operation Cycle | False   |        |
| Warning Indicator Requested             | False   |        |
| Occurrence flag                         | ERROR   |        |
| Original Odometer Value                 | 8133    | miles  |
| Most Recent Odometer Value              | 8133    | miles  |
| Frequency Counter                       | 20      |        |
| Operation Cycle Counter                 | 8       |        |
| Vehicle Speed                           | 0       | MPH    |
| Engine RPM                              | 0       | rpm    |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| PRNDL Status                            | D range |        |

|                  |      |       |
|------------------|------|-------|
| Ignition Voltage | 14.3 |       |
| System Voltage   | 14.6 | Volts |

**ACC | U110A-00 | Stored | Lost Communication With SCM - CAN-C-**

| NAME                                    | VALUE   | UNITS  |
|-----------------------------------------|---------|--------|
| Test Failed                             | False   |        |
| Test Failed This Operation Cycle        | False   |        |
| Pending DTC                             | False   |        |
| Confirmed DTC                           | True    |        |
| Test Not Completed Since Last Clear     | False   |        |
| Test Failed Since Last Clear            | True    |        |
| Test Not Completed This Operation Cycle | False   |        |
| Warning Indicator Requested             | False   |        |
| Occurrence flag                         | ERROR   |        |
| Original Odometer Value                 | 8133    | miles  |
| Most Recent Odometer Value              | 8133    | miles  |
| Frequency Counter                       | 12      |        |
| Operation Cycle Counter                 | 8       |        |
| Vehicle Speed                           | 0       | MPH    |
| Engine RPM                              | 0       | rpm    |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| PRNDL Status                            | R range |        |
| Ignition Voltage                        | 14.5    |        |
| System Voltage                          | 14.7    | Volts  |

**ACC | U121E-00 | Stored | Lost Communication with Steering Wheel Cruise Control Switch-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 9     |       |
| Operation Cycle Counter                 | 7     |       |
| Vehicle Speed                           | 0     | MPH   |
| Engine RPM                              | 0     | rpm   |

|                             |         |        |
|-----------------------------|---------|--------|
| ACC Set Speed               | 0       | MPH    |
| Object of Interest Distance | 830     | FEET   |
| Engine Torque Request       | SNA     | Ft-Lbs |
| PRNDL Status                | R range |        |
| Ignition Voltage            | 14.5    |        |
| System Voltage              | 14.7    | Volts  |

**ACC | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-**

| NAME                                    | VALUE   | UNITS  |
|-----------------------------------------|---------|--------|
| Test Failed                             | False   |        |
| Test Failed This Operation Cycle        | False   |        |
| Pending DTC                             | False   |        |
| Confirmed DTC                           | True    |        |
| Test Not Completed Since Last Clear     | False   |        |
| Test Failed Since Last Clear            | True    |        |
| Test Not Completed This Operation Cycle | True    |        |
| Warning Indicator Requested             | False   |        |
| Occurrence flag                         | ERROR   |        |
| Original Odometer Value                 | 8133    | miles  |
| Most Recent Odometer Value              | 8133    | miles  |
| Frequency Counter                       | 21      |        |
| Operation Cycle Counter                 | 8       |        |
| Vehicle Speed                           | 0       | MPH    |
| Engine RPM                              | 0       | rpm    |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| PRNDL Status                            | R range |        |
| Ignition Voltage                        | 14.5    |        |
| System Voltage                          | 14.7    | Volts  |

**ACC | U0121-00 | Stored | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | True  |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |

|                             |         |        |
|-----------------------------|---------|--------|
| Frequency Counter           | 20      |        |
| Operation Cycle Counter     | 8       |        |
| Vehicle Speed               | 0       | MPH    |
| Engine RPM                  | 0       | rpm    |
| ACC Set Speed               | 0       | MPH    |
| Object of Interest Distance | 830     | FEET   |
| Engine Torque Request       | SNA     | Ft-Lbs |
| PRNDL Status                | R range |        |
| 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                             | False   |        |
| Test Failed This Operation Cycle        | False   |        |
| Pending DTC                             | False   |        |
| Confirmed DTC                           | True    |        |
| Test Not Completed Since Last Clear     | False   |        |
| Test Failed Since Last Clear            | True    |        |
| Test Not Completed This Operation Cycle | True    |        |
| Warning Indicator Requested             | True    |        |
| Occurrence flag                         | ERROR   |        |
| Original Odometer Value                 | 8133    | miles  |
| Most Recent Odometer Value              | 8133    | miles  |
| Frequency Counter                       | 3       |        |
| Operation Cycle Counter                 | 8       |        |
| Vehicle Speed                           | 0       | MPH    |
| Engine RPM                              | 0       | rpm    |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| PRNDL Status                            | P range |        |
| Ignition Voltage                        | 14.5    |        |
| System Voltage                          | 14.7    | Volts  |

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

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

|                             |         |        |
|-----------------------------|---------|--------|
| Warning Indicator Requested | False   |        |
| Occurrence flag             | ERROR   |        |
| Original Odometer Value     | 8133    | miles  |
| Most Recent Odometer Value  | 8133    | miles  |
| Frequency Counter           | 3       |        |
| Operation Cycle Counter     | 11      |        |
| Vehicle Speed               | 0       | MPH    |
| Engine RPM                  | 0       | rpm    |
| ACC Set Speed               | 0       | MPH    |
| Object of Interest Distance | 830     | FEET   |
| Engine Torque Request       | SNA     | Ft-Lbs |
| PRNDL Status                | P range |        |
| Ignition Voltage            | 14.6    |        |
| System Voltage              | 14.7    | Volts  |

#### ACC | C0063-9A | Stored | Yaw Rate Sensor-Component or System Operating Conditions

| NAME                                    | VALUE   | UNITS  |
|-----------------------------------------|---------|--------|
| Test Failed                             | False   |        |
| Test Failed This Operation Cycle        | False   |        |
| Pending DTC                             | False   |        |
| Confirmed DTC                           | True    |        |
| Test Not Completed Since Last Clear     | False   |        |
| Test Failed Since Last Clear            | True    |        |
| Test Not Completed This Operation Cycle | False   |        |
| Warning Indicator Requested             | False   |        |
| Occurrence flag                         | ERROR   |        |
| Original Odometer Value                 | 8133    | miles  |
| Most Recent Odometer Value              | 8133    | miles  |
| Frequency Counter                       | 1       |        |
| Operation Cycle Counter                 | 13      |        |
| Vehicle Speed                           | 0       | MPH    |
| Engine RPM                              | 0       | rpm    |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| PRNDL Status                            | D range |        |
| Ignition Voltage                        | 14.6    |        |
| System Voltage                          | 14.8    | Volts  |

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

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

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 4     |       |
| Ignition Cycle Counter                  | 9     |       |

**OCM | B2206-00 | Stored | Current VIN Missing / Mismatch-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 8133  | miles |
| Most Recent Odometer Value              | 8133  | miles |
| Frequency Counter                       | 3     |       |
| Ignition Cycle Counter                  | 10    |       |

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

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 01         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8133       | miles |
| Most Recent Odometer Value              | 8133       | miles |
| Frequency Counter                       | 10         |       |
| Operation Cycle Counter                 | 10         |       |

**LBSS | U0422-00 | Stored | Implausible Data Received From Body Control Module-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 01         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8133       | miles |
| Most Recent Odometer Value              | 8133       | miles |
| Frequency Counter                       | 6          |       |
| Operation Cycle Counter                 | 10         |       |

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

| NAME                                        | VALUE      | UNITS |
|---------------------------------------------|------------|-------|
| DTC                                         | C1 40 00   |       |
| Test Failed                                 | False      |       |
| Test Failed This Operation Cycle            | False      |       |
| Pending DTC                                 | False      |       |
| Confirmed DTC                               | True       |       |
| Test Not Completed Since Last Clear         | False      |       |
| Test Failed Since Last Clear                | True       |       |
| Test Not Completed This Operation Cycle     | False      |       |
| Warning Indicator Requested                 | False      |       |
| DTC Extended Data Record Number - All       | 01         |       |
| Occurrence flag                             | Occurrence |       |
| Original Odometer Value                     | 8133       | miles |
| Most Recent Odometer Value                  | 8133       | miles |
| Frequency Counter                           | 10         |       |
| Operation Cycle Counter                     | 10         |       |
| DTC Extended Data Record Number - Record #2 | 02         |       |
| Vehicle Line                                | Correct    |       |
| Vehicle Config Stat                         | OK         |       |
| Model Year                                  | Correct    |       |
| Country Code                                | Correct    |       |
| BSS Desired Operating Mode                  | BSM        |       |
| BSS Current Operating Mode                  | Init       |       |

**RBSS | U0422-00 | Stored | Implausible Data Received From Body Control Module-**

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

|                                             |            |       |
|---------------------------------------------|------------|-------|
| DTC                                         | C4 22 00   |       |
| Test Failed                                 | False      |       |
| Test Failed This Operation Cycle            | False      |       |
| Pending DTC                                 | False      |       |
| Confirmed DTC                               | True       |       |
| Test Not Completed Since Last Clear         | False      |       |
| Test Failed Since Last Clear                | True       |       |
| Test Not Completed This Operation Cycle     | False      |       |
| Warning Indicator Requested                 | False      |       |
| DTC Extended Data Record Number - All       | 01         |       |
| Occurrence flag                             | Occurrence |       |
| Original Odometer Value                     | 8133       | miles |
| Most Recent Odometer Value                  | 8133       | miles |
| Frequency Counter                           | 6          |       |
| Operation Cycle Counter                     | 10         |       |
| DTC Extended Data Record Number - Record #2 | 02         |       |
| Vehicle Line                                | Correct    |       |
| Vehicle Config Stat                         | OK         |       |
| Model Year                                  | Correct    |       |
| Country Code                                | Correct    |       |
| BSS Desired Operating Mode                  | BSM        |       |
| BSS Current Operating Mode                  | BSM        |       |

**HCP | U0001-00 | Stored | CAN C Bus-**

| NAME                                    | VALUE       | UNITS |
|-----------------------------------------|-------------|-------|
| DTC                                     | C0 01 00    |       |
| Test Failed                             | False       |       |
| Test Failed This Operation Cycle        | False       |       |
| Pending DTC                             | False       |       |
| Confirmed DTC                           | True        |       |
| Test Not Completed Since Last Clear     | False       |       |
| Test Failed Since Last Clear            | True        |       |
| Test Not Completed This Operation Cycle | False       |       |
| Warning Indicator Requested             | False       |       |
| Occurrence flag                         | Occurrence  |       |
| Original Odometer Value                 | 8135.4      | miles |
| Most Recent Odometer Value              | 8135.4      | miles |
| Frequency Counter                       | 7           |       |
| Ignition Cycle Counter                  | 0           |       |
| Real time clock                         | 26728122    | sec   |
| RAM stamps keyOn                        | 30          | sec   |
| RAM Stamps                              | 141689      | Min   |
| Accelerator Pedal Position              | 0           | %     |
| Brake Switch Status                     | Not Applied |       |

|                                      |                         |        |
|--------------------------------------|-------------------------|--------|
| Engine Speed                         | 0                       | rpm    |
| HV Battery SOC                       | 34                      | %      |
| Ignition State                       | Reserved                |        |
| PRND Position Display                | D                       |        |
| Propulsion System Active             | True                    |        |
| Vehicle Speed                        | 2.8107                  | MPH    |
| Motor A Temp Sensor                  | 73                      | °F     |
| Motor B Temp Sensor                  | 75                      | °F     |
| Barometric Pressure                  | 15                      | PSI    |
| Engine Coolant Temperature           | 75                      | °F     |
| Internal EPS Voltage Sense A         | 8.208                   | Volts  |
| Internal EPS Voltage Sense B         | 8.064                   | Volts  |
| Motor A Torque                       | 0.092                   | Ft-Lbs |
| Motor B Torque                       | 73.285                  | Ft-Lbs |
| Actual Torque - Motor A              | 0.092                   | Ft-Lbs |
| Actual Torque - Motor B              | 73.285                  | Ft-Lbs |
| Available Motor Torque - Motor A     | 87.205                  | Ft-Lbs |
| Available Motor Torque - Motor B     | 235.988                 | Ft-Lbs |
| Available Regen Torque - Motor A     | -87.205                 | Ft-Lbs |
| Available Regen Torque - Motor B     | -235.988                | Ft-Lbs |
| Commanded Torque - Motor A           | 0.000                   | Ft-Lbs |
| Commanded Torque - Motor B           | 72.640                  | Ft-Lbs |
| Motor A - Inverter Current - phase A | -4                      | AMP    |
| Motor A - Inverter Current - phase B | 0                       | AMP    |
| Motor A - Inverter Current - phase C | 4                       | AMP    |
| Motor B - Inverter Current - phase A | -76                     | AMP    |
| Motor B - Inverter Current - phase B | -60                     | AMP    |
| Motor B - Inverter Current - phase C | 128                     | AMP    |
| Motor B Resolver Angle               | 112                     | Degree |
| Motor A Resolver Angle               | 182                     | Degree |
| Electric Motor A Speed               | -367.0                  | rpm    |
| Electric Motor B Speed               | 306.0                   | rpm    |
| PIM DC Link Voltage - A              | 347                     | Volts  |
| PIM DC Link Voltage - B              | 347                     | Volts  |
| HCP ePT Wake-Up Output               | On                      |        |
| CBC Wake-Up Input                    | Off                     |        |
| HCP System Shutdown Command          | Default                 |        |
| HV Battery Voltage from BPCM         | 347.30                  | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP__ |        |
| HCP SW Version                       | 21B                     |        |
| EPT LOC Diag Enable                  | Enable LOC Diagnostic   |        |
| HV Contactor Status                  | Closed                  |        |
| APM Status                           | Buck CV                 |        |
| Impact Event                         | False                   |        |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| Outside Air Temperature                 | 51.8                     | °F      |
| OBCM Operating Mode                     | UTC                      |         |
| J1772 Prox Detected State               | Prox Out                 |         |
| HV Battery Sleep Time                   | 0                        | Days    |
| Battery Feed Voltage 1 Sense            | 14.760                   | Volts   |
| Battery Feed Voltage 2 Sense            | 14.688                   | Volts   |
| Battery Feed Voltage 3 Sense            | 14.472                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Inverter A IGBT Temperature for phase A | 64                       | °F      |
| Inverter A IGBT Temperature for phase B | 64                       | °F      |
| Inverter A IGBT Temperature for phase C | 64                       | °F      |
| Inverter B IGBT Temperature for phase A | 75                       | °F      |
| Inverter B IGBT Temperature for phase B | 72                       | °F      |
| Inverter B IGBT Temperature for phase C | 75                       | °F      |
| PHEV Charging Status                    | No Charging              |         |
| Distance Travelled with Light ON        | 0                        | miles   |
| GPS Date - Year                         | 2022                     | Year    |
| GPS Date - Month                        | 1                        |         |
| GPS Date - Day                          | 21                       | Days    |
| UTC Time - Hours                        | 4                        | Hours   |
| UTC Time - Minutes                      | 15                       |         |
| UTC Time - Seconds                      | 7                        | seconds |
| ECU Time - Milliseconds                 | 388                      | ms      |

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

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | C1 00 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8135.2     | miles |
| Most Recent Odometer Value              | 8135.4     | miles |
| Frequency Counter                       | 8          |       |
| Ignition Cycle Counter                  | 0          |       |
| Real time clock                         | 26728120   | sec   |
| RAM stamps keyOn                        | 30         | sec   |
| RAM Stamps                              | 141689     | Min   |
| Accelerator Pedal Position              | 0          | %     |

|                                      |                         |        |
|--------------------------------------|-------------------------|--------|
| Brake Switch Status                  | Not Applied             |        |
| Engine Speed                         | 0                       | rpm    |
| HV Battery SOC                       | 34                      | %      |
| Ignition State                       | Reserved                |        |
| PRND Position Display                | D                       |        |
| Propulsion System Active             | True                    |        |
| Vehicle Speed                        | 1.3010                  | MPH    |
| Motor A Temp Sensor                  | 73                      | °F     |
| Motor B Temp Sensor                  | 75                      | °F     |
| Barometric Pressure                  | 15                      | PSI    |
| Engine Coolant Temperature           | 75                      | °F     |
| Internal EPS Voltage Sense A         | 8.208                   | Volts  |
| Internal EPS Voltage Sense B         | 8.064                   | Volts  |
| Motor A Torque                       | -0.277                  | Ft-Lbs |
| Motor B Torque                       | 71.626                  | Ft-Lbs |
| Actual Torque - Motor A              | -0.277                  | Ft-Lbs |
| Actual Torque - Motor B              | 71.626                  | Ft-Lbs |
| Available Motor Torque - Motor A     | 87.205                  | Ft-Lbs |
| Available Motor Torque - Motor B     | 235.988                 | Ft-Lbs |
| Available Regen Torque - Motor A     | -87.205                 | Ft-Lbs |
| Available Regen Torque - Motor B     | -235.988                | Ft-Lbs |
| Commanded Torque - Motor A           | 0.000                   | Ft-Lbs |
| Commanded Torque - Motor B           | 72.456                  | Ft-Lbs |
| Motor A - Inverter Current - phase A | -4                      | AMP    |
| Motor A - Inverter Current - phase B | 0                       | AMP    |
| Motor A - Inverter Current - phase C | 4                       | AMP    |
| Motor B - Inverter Current - phase A | -84                     | AMP    |
| Motor B - Inverter Current - phase B | -48                     | AMP    |
| Motor B - Inverter Current - phase C | 128                     | AMP    |
| Motor B Resolver Angle               | 108                     | Degree |
| Motor A Resolver Angle               | 320                     | Degree |
| Electric Motor A Speed               | -167.0                  | rpm    |
| Electric Motor B Speed               | 143.5                   | rpm    |
| PIM DC Link Voltage - A              | 348                     | Volts  |
| PIM DC Link Voltage - B              | 348                     | Volts  |
| HCP ePT Wake-Up Output               | On                      |        |
| CBC Wake-Up Input                    | Off                     |        |
| HCP System Shutdown Command          | Default                 |        |
| HV Battery Voltage from BPCM         | 347.90                  | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP__ |        |
| HCP SW Version                       | 21B                     |        |
| EPT LOC Diag Enable                  | Enable LOC Diagnostic   |        |
| HV Contactor Status                  | Closed                  |        |
| APM Status                           | Buck CV                 |        |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| Impact Event                            | False                    |         |
| Outside Air Temperature                 | 51.8                     | °F      |
| OBCM Operating Mode                     | UTC                      |         |
| J1772 Prox Detected State               | Prox Out                 |         |
| HV Battery Sleep Time                   | 0                        | Days    |
| Battery Feed Voltage 1 Sense            | 14.760                   | Volts   |
| Battery Feed Voltage 2 Sense            | 14.688                   | Volts   |
| Battery Feed Voltage 3 Sense            | 14.472                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Inverter A IGBT Temperature for phase A | 64                       | °F      |
| Inverter A IGBT Temperature for phase B | 64                       | °F      |
| Inverter A IGBT Temperature for phase C | 64                       | °F      |
| Inverter B IGBT Temperature for phase A | 73                       | °F      |
| Inverter B IGBT Temperature for phase B | 70                       | °F      |
| Inverter B IGBT Temperature for phase C | 72                       | °F      |
| PHEV Charging Status                    | No Charging              |         |
| Distance Travelled with Light ON        | 0                        | miles   |
| GPS Date - Year                         | 2022                     | Year    |
| GPS Date - Month                        | 1                        |         |
| GPS Date - Day                          | 21                       | Days    |
| UTC Time - Hours                        | 4                        | Hours   |
| UTC Time - Minutes                      | 15                       |         |
| UTC Time - Seconds                      | 6                        | seconds |
| ECU Time - Milliseconds                 | 169                      | ms      |

#### HCP | U0103-00 | Stored | Lost Communication With Electric Gear Shift Module-

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | C1 03 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8135.2     | miles |
| Most Recent Odometer Value              | 8135.4     | miles |
| Frequency Counter                       | 5          |       |
| Ignition Cycle Counter                  | 0          |       |
| Real time clock                         | 26728118   | sec   |
| RAM stamps keyOn                        | 30         | sec   |
| RAM Stamps                              | 141689     | Min   |

|                                      |                         |        |
|--------------------------------------|-------------------------|--------|
| Accelerator Pedal Position           | 0                       | %      |
| Brake Switch Status                  | Not Applied             |        |
| Engine Speed                         | 0                       | rpm    |
| HV Battery SOC                       | 34                      | %      |
| Ignition State                       | Reserved                |        |
| PRND Position Display                | D                       |        |
| Propulsion System Active             | True                    |        |
| Vehicle Speed                        | 0.4126                  | MPH    |
| Motor A Temp Sensor                  | 73                      | °F     |
| Motor B Temp Sensor                  | 73                      | °F     |
| Barometric Pressure                  | 15                      | PSI    |
| Engine Coolant Temperature           | 75                      | °F     |
| Internal EPS Voltage Sense A         | 8.208                   | Volts  |
| Internal EPS Voltage Sense B         | 8.064                   | Volts  |
| Motor A Torque                       | 0.092                   | Ft-Lbs |
| Motor B Torque                       | 0.645                   | Ft-Lbs |
| Actual Torque - Motor A              | 0.092                   | Ft-Lbs |
| Actual Torque - Motor B              | 0.645                   | Ft-Lbs |
| Available Motor Torque - Motor A     | 87.205                  | Ft-Lbs |
| Available Motor Torque - Motor B     | 235.988                 | Ft-Lbs |
| Available Regen Torque - Motor A     | -87.205                 | Ft-Lbs |
| Available Regen Torque - Motor B     | -235.988                | Ft-Lbs |
| Commanded Torque - Motor A           | 0.000                   | Ft-Lbs |
| Commanded Torque - Motor B           | 18.252                  | Ft-Lbs |
| Motor A - Inverter Current - phase A | -4                      | AMP    |
| Motor A - Inverter Current - phase B | 0                       | AMP    |
| Motor A - Inverter Current - phase C | 0                       | AMP    |
| Motor B - Inverter Current - phase A | -32                     | AMP    |
| Motor B - Inverter Current - phase B | 16                      | AMP    |
| Motor B - Inverter Current - phase C | 12                      | AMP    |
| Motor B Resolver Angle               | 58                      | Degree |
| Motor A Resolver Angle               | 254                     | Degree |
| Electric Motor A Speed               | -51.0                   | rpm    |
| Electric Motor B Speed               | 55.5                    | rpm    |
| PIM DC Link Voltage - A              | 349                     | Volts  |
| PIM DC Link Voltage - B              | 349                     | Volts  |
| HCP ePT Wake-Up Output               | On                      |        |
| CBC Wake-Up Input                    | Off                     |        |
| HCP System Shutdown Command          | Default                 |        |
| HV Battery Voltage from BPCM         | 348.90                  | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP__ |        |
| HCP SW Version                       | 21B                     |        |
| EPT LOC Diag Enable                  | Enable LOC Diagnostic   |        |
| HV Contactor Status                  | Closed                  |        |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| APM Status                              | Buck CV                  |         |
| Impact Event                            | False                    |         |
| Outside Air Temperature                 | 51.8                     | °F      |
| OBCM Operating Mode                     | UTC                      |         |
| J1772 Prox Detected State               | Prox Out                 |         |
| HV Battery Sleep Time                   | 0                        | Days    |
| Battery Feed Voltage 1 Sense            | 14.688                   | Volts   |
| Battery Feed Voltage 2 Sense            | 14.616                   | Volts   |
| Battery Feed Voltage 3 Sense            | 14.472                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Inverter A IGBT Temperature for phase A | 64                       | °F      |
| Inverter A IGBT Temperature for phase B | 63                       | °F      |
| Inverter A IGBT Temperature for phase C | 63                       | °F      |
| Inverter B IGBT Temperature for phase A | 70                       | °F      |
| Inverter B IGBT Temperature for phase B | 68                       | °F      |
| Inverter B IGBT Temperature for phase C | 70                       | °F      |
| PHEV Charging Status                    | No Charging              |         |
| Distance Travelled with Light ON        | 0                        | miles   |
| GPS Date - Year                         | 2022                     | Year    |
| GPS Date - Month                        | 1                        |         |
| GPS Date - Day                          | 21                       | Days    |
| UTC Time - Hours                        | 4                        | Hours   |
| UTC Time - Minutes                      | 15                       |         |
| UTC Time - Seconds                      | 3                        | seconds |
| ECU Time - Milliseconds                 | 988                      | ms      |

#### HCP | U0121-00 | Stored | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | C1 21 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8135.2     | miles |
| Most Recent Odometer Value              | 8135.4     | miles |
| Frequency Counter                       | 8          |       |
| Ignition Cycle Counter                  | 0          |       |
| Real time clock                         | 26728122   | sec   |
| RAM stamps keyOn                        | 30         | sec   |

|                                      |                         |        |
|--------------------------------------|-------------------------|--------|
| RAM Stamps                           | 141689                  | Min    |
| Accelerator Pedal Position           | 0                       | %      |
| Brake Switch Status                  | Not Applied             |        |
| Engine Speed                         | 0                       | rpm    |
| HV Battery SOC                       | 34                      | %      |
| Ignition State                       | Reserved                |        |
| PRND Position Display                | D                       |        |
| Propulsion System Active             | True                    |        |
| Vehicle Speed                        | 2.3107                  | MPH    |
| Motor A Temp Sensor                  | 73                      | °F     |
| Motor B Temp Sensor                  | 75                      | °F     |
| Barometric Pressure                  | 15                      | PSI    |
| Engine Coolant Temperature           | 75                      | °F     |
| Internal EPS Voltage Sense A         | 8.208                   | Volts  |
| Internal EPS Voltage Sense B         | 8.064                   | Volts  |
| Motor A Torque                       | 0.092                   | Ft-Lbs |
| Motor B Torque                       | 73.193                  | Ft-Lbs |
| Actual Torque - Motor A              | 0.092                   | Ft-Lbs |
| Actual Torque - Motor B              | 73.193                  | Ft-Lbs |
| Available Motor Torque - Motor A     | 87.205                  | Ft-Lbs |
| Available Motor Torque - Motor B     | 235.988                 | Ft-Lbs |
| Available Regen Torque - Motor A     | -87.205                 | Ft-Lbs |
| Available Regen Torque - Motor B     | -235.988                | Ft-Lbs |
| Commanded Torque - Motor A           | 0.000                   | Ft-Lbs |
| Commanded Torque - Motor B           | 72.548                  | Ft-Lbs |
| Motor A - Inverter Current - phase A | -4                      | AMP    |
| Motor A - Inverter Current - phase B | 0                       | AMP    |
| Motor A - Inverter Current - phase C | 0                       | AMP    |
| Motor B - Inverter Current - phase A | -108                    | AMP    |
| Motor B - Inverter Current - phase B | -16                     | AMP    |
| Motor B - Inverter Current - phase C | 116                     | AMP    |
| Motor B Resolver Angle               | 98                      | Degree |
| Motor A Resolver Angle               | 324                     | Degree |
| Electric Motor A Speed               | -302.0                  | rpm    |
| Electric Motor B Speed               | 252.0                   | rpm    |
| PIM DC Link Voltage - A              | 348                     | Volts  |
| PIM DC Link Voltage - B              | 348                     | Volts  |
| HCP ePT Wake-Up Output               | On                      |        |
| CBC Wake-Up Input                    | Off                     |        |
| HCP System Shutdown Command          | Default                 |        |
| HV Battery Voltage from BPCM         | 347.80                  | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP__ |        |
| HCP SW Version                       | 21B                     |        |
| EPT LOC Diag Enable                  | Enable LOC Diagnostic   |        |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| HV Contactor Status                     | Closed                   |         |
| APM Status                              | Buck CV                  |         |
| Impact Event                            | False                    |         |
| Outside Air Temperature                 | 51.8                     | °F      |
| OBCM Operating Mode                     | UTC                      |         |
| J1772 Prox Detected State               | Prox Out                 |         |
| HV Battery Sleep Time                   | 0                        | Days    |
| Battery Feed Voltage 1 Sense            | 14.760                   | Volts   |
| Battery Feed Voltage 2 Sense            | 14.688                   | Volts   |
| Battery Feed Voltage 3 Sense            | 14.544                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Inverter A IGBT Temperature for phase A | 64                       | °F      |
| Inverter A IGBT Temperature for phase B | 64                       | °F      |
| Inverter A IGBT Temperature for phase C | 64                       | °F      |
| Inverter B IGBT Temperature for phase A | 75                       | °F      |
| Inverter B IGBT Temperature for phase B | 72                       | °F      |
| Inverter B IGBT Temperature for phase C | 73                       | °F      |
| PHEV Charging Status                    | No Charging              |         |
| Distance Travelled with Light ON        | 0                        | miles   |
| GPS Date - Year                         | 2022                     | Year    |
| GPS Date - Month                        | 1                        |         |
| GPS Date - Day                          | 21                       | Days    |
| UTC Time - Hours                        | 4                        | Hours   |
| UTC Time - Minutes                      | 15                       |         |
| UTC Time - Seconds                      | 7                        | seconds |
| ECU Time - Milliseconds                 | 113                      | ms      |

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

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | C1 51 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8135.2     | miles |
| Most Recent Odometer Value              | 8135.4     | miles |
| Frequency Counter                       | 7          |       |
| Ignition Cycle Counter                  | 0          |       |
| Real time clock                         | 26728120   | sec   |

|                                      |                         |        |
|--------------------------------------|-------------------------|--------|
| RAM stamps keyOn                     | 30                      | sec    |
| RAM Stamps                           | 141689                  | Min    |
| Accelerator Pedal Position           | 0                       | %      |
| Brake Switch Status                  | Not Applied             |        |
| Engine Speed                         | 0                       | rpm    |
| HV Battery SOC                       | 34                      | %      |
| Ignition State                       | Reserved                |        |
| PRND Position Display                | D                       |        |
| Propulsion System Active             | True                    |        |
| Vehicle Speed                        | 1.3010                  | MPH    |
| Motor A Temp Sensor                  | 73                      | °F     |
| Motor B Temp Sensor                  | 75                      | °F     |
| Barometric Pressure                  | 15                      | PSI    |
| Engine Coolant Temperature           | 75                      | °F     |
| Internal EPS Voltage Sense A         | 8.208                   | Volts  |
| Internal EPS Voltage Sense B         | 8.064                   | Volts  |
| Motor A Torque                       | -0.277                  | Ft-Lbs |
| Motor B Torque                       | 71.626                  | Ft-Lbs |
| Actual Torque - Motor A              | -0.277                  | Ft-Lbs |
| Actual Torque - Motor B              | 71.626                  | Ft-Lbs |
| Available Motor Torque - Motor A     | 87.205                  | Ft-Lbs |
| Available Motor Torque - Motor B     | 235.988                 | Ft-Lbs |
| Available Regen Torque - Motor A     | -87.205                 | Ft-Lbs |
| Available Regen Torque - Motor B     | -235.988                | Ft-Lbs |
| Commanded Torque - Motor A           | 0.000                   | Ft-Lbs |
| Commanded Torque - Motor B           | 72.456                  | Ft-Lbs |
| Motor A - Inverter Current - phase A | 0                       | AMP    |
| Motor A - Inverter Current - phase B | 0                       | AMP    |
| Motor A - Inverter Current - phase C | -4                      | AMP    |
| Motor B - Inverter Current - phase A | 40                      | AMP    |
| Motor B - Inverter Current - phase B | 88                      | AMP    |
| Motor B - Inverter Current - phase C | -136                    | AMP    |
| Motor B Resolver Angle               | 304                     | Degree |
| Motor A Resolver Angle               | 78                      | Degree |
| Electric Motor A Speed               | -167.0                  | rpm    |
| Electric Motor B Speed               | 143.5                   | rpm    |
| PIM DC Link Voltage - A              | 348                     | Volts  |
| PIM DC Link Voltage - B              | 348                     | Volts  |
| HCP ePT Wake-Up Output               | On                      |        |
| CBC Wake-Up Input                    | Off                     |        |
| HCP System Shutdown Command          | Default                 |        |
| HV Battery Voltage from BPCM         | 347.90                  | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP__ |        |
| HCP SW Version                       | 21B                     |        |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |         |
| HV Contactor Status                     | Closed                   |         |
| APM Status                              | Buck CV                  |         |
| Impact Event                            | False                    |         |
| Outside Air Temperature                 | 51.8                     | °F      |
| OBCM Operating Mode                     | UTC                      |         |
| J1772 Prox Detected State               | Prox Out                 |         |
| HV Battery Sleep Time                   | 0                        | Days    |
| Battery Feed Voltage 1 Sense            | 14.760                   | Volts   |
| Battery Feed Voltage 2 Sense            | 14.688                   | Volts   |
| Battery Feed Voltage 3 Sense            | 14.472                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Inverter A IGBT Temperature for phase A | 64                       | °F      |
| Inverter A IGBT Temperature for phase B | 64                       | °F      |
| Inverter A IGBT Temperature for phase C | 64                       | °F      |
| Inverter B IGBT Temperature for phase A | 73                       | °F      |
| Inverter B IGBT Temperature for phase B | 70                       | °F      |
| Inverter B IGBT Temperature for phase C | 72                       | °F      |
| PHEV Charging Status                    | No Charging              |         |
| Distance Travelled with Light ON        | 0                        | miles   |
| GPS Date - Year                         | 2022                     | Year    |
| GPS Date - Month                        | 1                        |         |
| GPS Date - Day                          | 21                       | Days    |
| UTC Time - Hours                        | 4                        | Hours   |
| UTC Time - Minutes                      | 15                       |         |
| UTC Time - Seconds                      | 6                        | seconds |
| ECU Time - Milliseconds                 | 169                      | ms      |

#### HCP | 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      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8135.2     | miles |
| Most Recent Odometer Value              | 8135.4     | miles |
| Frequency Counter                       | 4          |       |
| Ignition Cycle Counter                  | 0          |       |

|                                      |                         |        |
|--------------------------------------|-------------------------|--------|
| Real time clock                      | 26713844                | sec    |
| RAM stamps keyOn                     | 0                       | sec    |
| RAM Stamps                           | 141677                  | Min    |
| Accelerator Pedal Position           | 0                       | %      |
| Brake Switch Status                  | Not Applied             |        |
| Engine Speed                         | 0                       | rpm    |
| HV Battery SOC                       | 39                      | %      |
| Ignition State                       | Reserved                |        |
| PRND Position Display                | P                       |        |
| Propulsion System Active             | True                    |        |
| Vehicle Speed                        | 0.0000                  | MPH    |
| Motor A Temp Sensor                  | 86                      | °F     |
| Motor B Temp Sensor                  | 82                      | °F     |
| Barometric Pressure                  | 15                      | PSI    |
| Engine Coolant Temperature           | 138                     | °F     |
| Internal EPS Voltage Sense A         | 8.208                   | Volts  |
| Internal EPS Voltage Sense B         | 8.064                   | Volts  |
| Motor A Torque                       | 0.000                   | Ft-Lbs |
| Motor B Torque                       | 0.000                   | Ft-Lbs |
| Actual Torque - Motor A              | 0.000                   | Ft-Lbs |
| Actual Torque - Motor B              | 0.000                   | Ft-Lbs |
| Available Motor Torque - Motor A     | 87.205                  | Ft-Lbs |
| Available Motor Torque - Motor B     | 232.393                 | Ft-Lbs |
| Available Regen Torque - Motor A     | -87.205                 | Ft-Lbs |
| Available Regen Torque - Motor B     | -232.393                | Ft-Lbs |
| Commanded Torque - Motor A           | 0.000                   | Ft-Lbs |
| Commanded Torque - Motor B           | 0.000                   | Ft-Lbs |
| Motor A - Inverter Current - phase A | 0                       | AMP    |
| Motor A - Inverter Current - phase B | -4                      | AMP    |
| Motor A - Inverter Current - phase C | -4                      | AMP    |
| Motor B - Inverter Current - phase A | -4                      | AMP    |
| Motor B - Inverter Current - phase B | 0                       | AMP    |
| Motor B - Inverter Current - phase C | -4                      | AMP    |
| Motor B Resolver Angle               | 298                     | Degree |
| Motor A Resolver Angle               | 310                     | Degree |
| Electric Motor A Speed               | 0.5                     | rpm    |
| Electric Motor B Speed               | 1.5                     | rpm    |
| PIM DC Link Voltage - A              | 350                     | Volts  |
| PIM DC Link Voltage - B              | 350                     | Volts  |
| HCP ePT Wake-Up Output               | On                      |        |
| CBC Wake-Up Input                    | On                      |        |
| HCP System Shutdown Command          | Default                 |        |
| HV Battery Voltage from BPCM         | 350.00                  | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP__ |        |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| HCP SW Version                          | 21B                      |         |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |         |
| HV Contactor Status                     | Closed                   |         |
| APM Status                              | Buck CV                  |         |
| Impact Event                            | False                    |         |
| Outside Air Temperature                 | 53.6                     | °F      |
| OBCM Operating Mode                     | UTC                      |         |
| J1772 Prox Detected State               | Prox Out                 |         |
| HV Battery Sleep Time                   | 0                        | Days    |
| Battery Feed Voltage 1 Sense            | 14.832                   | Volts   |
| Battery Feed Voltage 2 Sense            | 14.688                   | Volts   |
| Battery Feed Voltage 3 Sense            | 14.544                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Inverter A IGBT Temperature for phase A | 73                       | °F      |
| Inverter A IGBT Temperature for phase B | 72                       | °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 | 72                       | °F      |
| PHEV Charging Status                    | No Charging              |         |
| Distance Travelled with Light ON        | 0                        | miles   |
| GPS Date - Year                         | 2022                     | Year    |
| GPS Date - Month                        | 1                        |         |
| GPS Date - Day                          | 21                       | Days    |
| UTC Time - Hours                        | 0                        | Hours   |
| UTC Time - Minutes                      | 17                       |         |
| UTC Time - Seconds                      | 2                        | seconds |
| ECU Time - Milliseconds                 | 275                      | ms      |

#### HCP | U11DD-00 | Stored | Body Control Module Signal Invalid-

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | D1 DD 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8135.2     | miles |
| Most Recent Odometer Value              | 8135.4     | miles |
| Frequency Counter                       | 71         |       |

|                                      |             |        |
|--------------------------------------|-------------|--------|
| Ignition Cycle Counter               | 0           |        |
| Real time clock                      | 26728122    | sec    |
| RAM stamps keyOn                     | 30          | sec    |
| RAM Stamps                           | 141689      | Min    |
| Accelerator Pedal Position           | 0           | %      |
| Brake Switch Status                  | Not Applied |        |
| Engine Speed                         | 0           | rpm    |
| HV Battery SOC                       | 34          | %      |
| Ignition State                       | Reserved    |        |
| PRND Position Display                | D           |        |
| Propulsion System Active             | True        |        |
| Vehicle Speed                        | 2.7282      | MPH    |
| Motor A Temp Sensor                  | 73          | °F     |
| Motor B Temp Sensor                  | 75          | °F     |
| Barometric Pressure                  | 15          | PSI    |
| Engine Coolant Temperature           | 75          | °F     |
| Internal EPS Voltage Sense A         | 8.208       | Volts  |
| Internal EPS Voltage Sense B         | 8.064       | Volts  |
| Motor A Torque                       | -0.184      | Ft-Lbs |
| Motor B Torque                       | 72.732      | Ft-Lbs |
| Actual Torque - Motor A              | -0.184      | Ft-Lbs |
| Actual Torque - Motor B              | 72.732      | Ft-Lbs |
| Available Motor Torque - Motor A     | 87.205      | Ft-Lbs |
| Available Motor Torque - Motor B     | 235.988     | Ft-Lbs |
| Available Regen Torque - Motor A     | -87.205     | Ft-Lbs |
| Available Regen Torque - Motor B     | -235.988    | Ft-Lbs |
| Commanded Torque - Motor A           | 0.000       | Ft-Lbs |
| Commanded Torque - Motor B           | 72.548      | Ft-Lbs |
| Motor A - Inverter Current - phase A | -4          | AMP    |
| Motor A - Inverter Current - phase B | 0           | AMP    |
| Motor A - Inverter Current - phase C | 0           | AMP    |
| Motor B - Inverter Current - phase A | -132        | AMP    |
| Motor B - Inverter Current - phase B | 60          | AMP    |
| Motor B - Inverter Current - phase C | 68          | AMP    |
| Motor B Resolver Angle               | 58          | Degree |
| Motor A Resolver Angle               | 38          | Degree |
| Electric Motor A Speed               | -356.5      | rpm    |
| Electric Motor B Speed               | 298.0       | rpm    |
| PIM DC Link Voltage - A              | 347         | Volts  |
| PIM DC Link Voltage - B              | 347         | Volts  |
| HCP ePT Wake-Up Output               | On          |        |
| CBC Wake-Up Input                    | Off         |        |
| HCP System Shutdown Command          | Default     |        |
| HV Battery Voltage from BPCM         | 347.40      | Volts  |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| SW Build Release Version                | PIM_21B_2011B0_RU_HCP__  |         |
| HCP SW Version                          | 21B                      |         |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |         |
| HV Contactor Status                     | Closed                   |         |
| APM Status                              | Buck CV                  |         |
| Impact Event                            | False                    |         |
| Outside Air Temperature                 | 51.8                     | °F      |
| OBCM Operating Mode                     | UTC                      |         |
| J1772 Prox Detected State               | Prox Out                 |         |
| HV Battery Sleep Time                   | 0                        | Days    |
| Battery Feed Voltage 1 Sense            | 14.760                   | Volts   |
| Battery Feed Voltage 2 Sense            | 14.688                   | Volts   |
| Battery Feed Voltage 3 Sense            | 14.472                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Inverter A IGBT Temperature for phase A | 64                       | °F      |
| Inverter A IGBT Temperature for phase B | 64                       | °F      |
| Inverter A IGBT Temperature for phase C | 64                       | °F      |
| Inverter B IGBT Temperature for phase A | 75                       | °F      |
| Inverter B IGBT Temperature for phase B | 72                       | °F      |
| Inverter B IGBT Temperature for phase C | 73                       | °F      |
| PHEV Charging Status                    | No Charging              |         |
| Distance Travelled with Light ON        | 0                        | miles   |
| GPS Date - Year                         | 2022                     | Year    |
| GPS Date - Month                        | 1                        |         |
| GPS Date - Day                          | 21                       | Days    |
| UTC Time - Hours                        | 4                        | Hours   |
| UTC Time - Minutes                      | 15                       |         |
| UTC Time - Seconds                      | 7                        | seconds |
| ECU Time - Milliseconds                 | 338                      | ms      |

#### HCP | U1850-00 | Stored | Implausible Data Received from PCM on D-PT-

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | D8 50 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8135.2     | miles |
| Most Recent Odometer Value              | 8135.4     | miles |

|                                      |             |        |
|--------------------------------------|-------------|--------|
| Frequency Counter                    | 8           |        |
| Ignition Cycle Counter               | 0           |        |
| Real time clock                      | 26728116    | sec    |
| RAM stamps keyOn                     | 30          | sec    |
| RAM Stamps                           | 141689      | Min    |
| Accelerator Pedal Position           | 0           | %      |
| Brake Switch Status                  | Not Applied |        |
| Engine Speed                         | 0           | rpm    |
| HV Battery SOC                       | 34          | %      |
| Ignition State                       | Reserved    |        |
| PRND Position Display                | R           |        |
| Propulsion System Active             | True        |        |
| Vehicle Speed                        | 0.0000      | MPH    |
| Motor A Temp Sensor                  | 73          | °F     |
| Motor B Temp Sensor                  | 73          | °F     |
| Barometric Pressure                  | 15          | PSI    |
| Engine Coolant Temperature           | 75          | °F     |
| Internal EPS Voltage Sense A         | 8.208       | Volts  |
| Internal EPS Voltage Sense B         | 8.064       | Volts  |
| Motor A Torque                       | 0.092       | Ft-Lbs |
| Motor B Torque                       | -18.990     | Ft-Lbs |
| Actual Torque - Motor A              | 0.092       | Ft-Lbs |
| Actual Torque - Motor B              | -18.990     | Ft-Lbs |
| Available Motor Torque - Motor A     | 87.205      | Ft-Lbs |
| Available Motor Torque - Motor B     | 235.988     | Ft-Lbs |
| Available Regen Torque - Motor A     | -87.205     | Ft-Lbs |
| Available Regen Torque - Motor B     | -235.988    | Ft-Lbs |
| Commanded Torque - Motor A           | 0.000       | Ft-Lbs |
| Commanded Torque - Motor B           | -15.026     | Ft-Lbs |
| Motor A - Inverter Current - phase A | 0           | AMP    |
| Motor A - Inverter Current - phase B | -4          | AMP    |
| Motor A - Inverter Current - phase C | 0           | AMP    |
| Motor B - Inverter Current - phase A | 32          | AMP    |
| Motor B - Inverter Current - phase B | -20         | AMP    |
| Motor B - Inverter Current - phase C | -20         | AMP    |
| Motor B Resolver Angle               | 106         | Degree |
| Motor A Resolver Angle               | 100         | Degree |
| Electric Motor A Speed               | 92.5        | rpm    |
| Electric Motor B Speed               | -61.5       | rpm    |
| PIM DC Link Voltage - A              | 349         | Volts  |
| PIM DC Link Voltage - B              | 349         | Volts  |
| HCP ePT Wake-Up Output               | On          |        |
| CBC Wake-Up Input                    | Off         |        |
| HCP System Shutdown Command          | Default     |        |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| HV Battery Voltage from BPCM            | 348.80                   | Volts   |
| SW Build Release Version                | PIM_21B_2011B0_RU_HCP___ |         |
| HCP SW Version                          | 21B                      |         |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |         |
| HV Contactor Status                     | Closed                   |         |
| APM Status                              | Buck CV                  |         |
| Impact Event                            | False                    |         |
| Outside Air Temperature                 | 51.8                     | °F      |
| OBCM Operating Mode                     | UTC                      |         |
| J1772 Prox Detected State               | Prox Out                 |         |
| HV Battery Sleep Time                   | 0                        | Days    |
| Battery Feed Voltage 1 Sense            | 14.760                   | Volts   |
| Battery Feed Voltage 2 Sense            | 14.688                   | Volts   |
| Battery Feed Voltage 3 Sense            | 14.544                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Inverter A IGBT Temperature for phase A | 63                       | °F      |
| Inverter A IGBT Temperature for phase B | 63                       | °F      |
| Inverter A IGBT Temperature for phase C | 63                       | °F      |
| Inverter B IGBT Temperature for phase A | 64                       | °F      |
| Inverter B IGBT Temperature for phase B | 64                       | °F      |
| Inverter B IGBT Temperature for phase C | 64                       | °F      |
| PHEV Charging Status                    | No Charging              |         |
| Distance Travelled with Light ON        | 0                        | miles   |
| GPS Date - Year                         | 2022                     | Year    |
| GPS Date - Month                        | 1                        |         |
| GPS Date - Day                          | 21                       | Days    |
| UTC Time - Hours                        | 4                        | Hours   |
| UTC Time - Minutes                      | 15                       |         |
| UTC Time - Seconds                      | 1                        | seconds |
| ECU Time - Milliseconds                 | 363                      | ms      |

#### HCP | U1852-00 | Stored | Implausible Data Received from ABS on D-PT-

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | D8 52 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8135.4     | miles |

|                                      |             |        |
|--------------------------------------|-------------|--------|
| Most Recent Odometer Value           | 8135.4      | miles  |
| Frequency Counter                    | 8           |        |
| Ignition Cycle Counter               | 0           |        |
| Real time clock                      | 26728116    | sec    |
| RAM stamps keyOn                     | 30          | sec    |
| RAM Stamps                           | 141689      | Min    |
| Accelerator Pedal Position           | 0           | %      |
| Brake Switch Status                  | Not Applied |        |
| Engine Speed                         | 0           | rpm    |
| HV Battery SOC                       | 34          | %      |
| Ignition State                       | Reserved    |        |
| PRND Position Display                | R           |        |
| Propulsion System Active             | True        |        |
| Vehicle Speed                        | 0.0000      | MPH    |
| Motor A Temp Sensor                  | 73          | °F     |
| Motor B Temp Sensor                  | 73          | °F     |
| Barometric Pressure                  | 15          | PSI    |
| Engine Coolant Temperature           | 75          | °F     |
| Internal EPS Voltage Sense A         | 8.208       | Volts  |
| Internal EPS Voltage Sense B         | 8.064       | Volts  |
| Motor A Torque                       | 0.092       | Ft-Lbs |
| Motor B Torque                       | -19.451     | Ft-Lbs |
| Actual Torque - Motor A              | 0.092       | Ft-Lbs |
| Actual Torque - Motor B              | -19.451     | Ft-Lbs |
| Available Motor Torque - Motor A     | 87.205      | Ft-Lbs |
| Available Motor Torque - Motor B     | 235.988     | Ft-Lbs |
| Available Regen Torque - Motor A     | -87.205     | Ft-Lbs |
| Available Regen Torque - Motor B     | -235.988    | Ft-Lbs |
| Commanded Torque - Motor A           | 0.000       | Ft-Lbs |
| Commanded Torque - Motor B           | -20.465     | Ft-Lbs |
| Motor A - Inverter Current - phase A | -4          | AMP    |
| Motor A - Inverter Current - phase B | 0           | AMP    |
| Motor A - Inverter Current - phase C | 0           | AMP    |
| Motor B - Inverter Current - phase A | -40         | AMP    |
| Motor B - Inverter Current - phase B | 36          | AMP    |
| Motor B - Inverter Current - phase C | -4          | AMP    |
| Motor B Resolver Angle               | 246         | Degree |
| Motor A Resolver Angle               | 280         | Degree |
| Electric Motor A Speed               | 87.0        | rpm    |
| Electric Motor B Speed               | -63.0       | rpm    |
| PIM DC Link Voltage - A              | 349         | Volts  |
| PIM DC Link Voltage - B              | 349         | Volts  |
| HCP ePT Wake-Up Output               | On          |        |
| CBC Wake-Up Input                    | Off         |        |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| HCP System Shutdown Command             | Default                  |         |
| HV Battery Voltage from BPCM            | 348.90                   | Volts   |
| SW Build Release Version                | PIM_21B_2011B0_RU_HCP__  |         |
| HCP SW Version                          | 21B                      |         |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |         |
| HV Contactor Status                     | Closed                   |         |
| APM Status                              | Buck CV                  |         |
| Impact Event                            | False                    |         |
| Outside Air Temperature                 | 51.8                     | °F      |
| OBCM Operating Mode                     | UTC                      |         |
| J1772 Prox Detected State               | Prox Out                 |         |
| HV Battery Sleep Time                   | 0                        | Days    |
| Battery Feed Voltage 1 Sense            | 14.760                   | Volts   |
| Battery Feed Voltage 2 Sense            | 14.688                   | Volts   |
| Battery Feed Voltage 3 Sense            | 14.544                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Inverter A IGBT Temperature for phase A | 63                       | °F      |
| Inverter A IGBT Temperature for phase B | 63                       | °F      |
| Inverter A IGBT Temperature for phase C | 63                       | °F      |
| Inverter B IGBT Temperature for phase A | 64                       | °F      |
| Inverter B IGBT Temperature for phase B | 64                       | °F      |
| Inverter B IGBT Temperature for phase C | 64                       | °F      |
| PHEV Charging Status                    | No Charging              |         |
| Distance Travelled with Light ON        | 0                        | miles   |
| GPS Date - Year                         | 2022                     | Year    |
| GPS Date - Month                        | 1                        |         |
| GPS Date - Day                          | 21                       | Days    |
| UTC Time - Hours                        | 4                        | Hours   |
| UTC Time - Minutes                      | 15                       |         |
| UTC Time - Seconds                      | 1                        | seconds |
| ECU Time - Milliseconds                 | 269                      | ms      |

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

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 40 00 |       |
| Test Failed                             | False    |       |
| Pending DTC                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| DTC Extended Data Record Number - All   | 01       |       |

|                            |            |       |
|----------------------------|------------|-------|
| Occurrence flag            | Occurrence |       |
| Original Odometer Value    | 8133       | miles |
| Most Recent Odometer Value | 8133       | miles |
| Frequency Counter          | 3          |       |
| Ignition Cycle Counter     | 10         |       |

**CVPM | U0422-00 | Stored | Implausible Data Received From Body Control Module-**

| NAME                                                | VALUE                                       | UNITS |
|-----------------------------------------------------|---------------------------------------------|-------|
| DTC                                                 | C4 22 00                                    |       |
| Test Failed                                         | False                                       |       |
| Test Failed This Operation Cycle                    | False                                       |       |
| Pending DTC                                         | False                                       |       |
| Confirmed DTC                                       | True                                        |       |
| Test Not Completed Since Last Clear                 | False                                       |       |
| Test Failed Since Last Clear                        | True                                        |       |
| Test Not Completed This Operation Cycle             | False                                       |       |
| Warning Indicator Requested                         | False                                       |       |
| DTC Extended Data Record Number - All               | 01                                          |       |
| Occurrence flag                                     | Occurrence                                  |       |
| Original Odometer Value                             | 8133                                        | miles |
| Most Recent Odometer Value                          | 8133                                        | miles |
| Frequency Counter                                   | 2                                           |       |
| Ignition Cycle Counter                              | 12                                          |       |
| DTC Extended Data Record Number 2                   | 2                                           |       |
| ECU Failure – Internal Voltage                      | Off                                         |       |
| ECU Failure – ECU Memory                            | Off                                         |       |
| ECU Failure – Internal Communication Error          | Off                                         |       |
| ECU Failure – Video Subsystem Error                 | Off                                         |       |
| ECU Failure – Watchdog Error                        | Off                                         |       |
| Calibration Failure - Calibration not Executed      | Off                                         |       |
| Calibration Failure - Calibration Data Inconsistent | Off                                         |       |
| Battery Voltage                                     | 14.7                                        | V     |
| ECU Voltage                                         | 14.4                                        | V     |
| Vehicle Speed                                       | FFFF                                        | MPH   |
| Ignition Status                                     | Ignition Status: Running                    |       |
| Steering Wheel Angle                                | 3FFF                                        | Deg   |
| Steering Wheel Angle Status                         | Steering Wheel Status: Initialization Error |       |
| Driver Door Ajar                                    | Inactive                                    |       |
| Rear Left Door Ajar                                 | Inactive                                    |       |
| Passenger Door Ajar                                 | Inactive                                    |       |
| Rear Right Door Ajar                                | Inactive                                    |       |
| Reverse Gear                                        | Inactive                                    |       |
| Liftgate Ajar                                       | Inactive                                    |       |
| Touch Screen Status                                 | Touch Screen Status: Not Pressed            |       |

|                           |                     |
|---------------------------|---------------------|
| Touch Screen X Coordinate | 0000                |
| Touch Screen Y Coordinate | 0000                |
| Radio Display Status      | Display Status: Off |

**ABSO | C0021-00 | Stored | Brake Booster-**

| NAME                                    | VALUE        | UNITS |
|-----------------------------------------|--------------|-------|
| DTC                                     | 40 21 00     |       |
| Test Failed                             | False        |       |
| Test Failed This Operation Cycle        | False        |       |
| Pending DTC                             | False        |       |
| Confirmed DTC                           | True         |       |
| Test Not Completed Since Last Clear     | False        |       |
| Test Failed Since Last Clear            | False        |       |
| Test Not Completed This Operation Cycle | False        |       |
| Warning Indicator Requested             | False        |       |
| Occurrence flag                         | ERROR        |       |
| Controller Event                        | No           |       |
| Mirror Memory                           | No           |       |
| Undervoltage Suspected                  | No           |       |
| Original Odometer Value                 | 8133         | miles |
| Most Recent Odometer Value              | 8133         | miles |
| Frequency Counter                       | 7            |       |
| Ignition Cycle Counter                  | 0            |       |
| Fault Time                              | 66.20        | S     |
| Current System Mode                     | Ignition Run |       |
| Previous System Mode                    | Ignition Run |       |
| System Condition                        | OK           |       |
| Supply Voltage Valves                   | 14.7         | V     |
| Brake Pedal Status                      | Pressed      |       |
| Supply voltage Pump                     | 14.6         | V     |
| Brake Pedal Travel Sensor Position      | 8            | %     |
| Ignition Unfiltered                     | 14.7         | V     |
| Wheel Speed Left Front                  | 0.000        | MPH   |
| Rotation Direction Left Front           | Forward      |       |
| Wheel Speed Right Front                 | 0.000        | MPH   |
| Rotation Direction Right Front          | Forward      |       |
| Wheel Speed Left Rear                   | 0.000        | MPH   |
| Rotation Direction Left Rear            | Backward     |       |
| Wheel Speed Right Rear                  | 0.000        | MPH   |
| Rotation Direction Right Rear           | Backward     |       |
| Steering Wheel Angle                    | -556.80      | °     |
| Longitudinal Acceleration               | 0.00         | m/s^2 |
| Lateral Acceleration                    | -0.43        | m/s^2 |
| Yaw Rate                                | 0.000        | °/s   |

|                                     |                                 |     |
|-------------------------------------|---------------------------------|-----|
| Primary Circuit Pressure            | 0.00                            | PSI |
| Engine Speed                        | 0.0                             | rpm |
| Accelerator Pedal Position          | 0.0                             | %   |
| ABS control                         | Not active                      |     |
| ASR control                         | Not active                      |     |
| MSR control                         | Not active                      |     |
| EBV control                         | Not active                      |     |
| ESP Control                         | Not active                      |     |
| HSA control                         | Not active                      |     |
| HBA control                         | Not active                      |     |
| Hold                                | No                              |     |
| Braking assistance system           | No Assistance System Is Braking |     |
| Plant Mode                          | No                              |     |
| EPB Mode Status                     | Static                          |     |
| BLS High                            | Yes                             |     |
| BLS Low                             | No                              |     |
| Park Brake                          | Not Activated                   |     |
| ESP-OFF mode                        | No                              |     |
| Clutch                              | Not Activated                   |     |
| Stop Coordinator Active             | No                              |     |
| Actual Gear                         | R                               |     |
| Transmission selector lever setting | R                               |     |
| Status Parking Brake Left           | Brake is Released               |     |
| Status Parking Brake Right          | Brake is Released               |     |
| EPB Switch Status                   | Idle                            |     |
| Supplier Internal Code              | 583                             |     |

#### ABSO | U0104-00 | Stored | Lost Communication With Cruise Control Module-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 04 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | False    |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| Occurrence flag                         | ERROR    |       |
| Controller Event                        | No       |       |
| Mirror Memory                           | No       |       |
| Undervoltage Suspected                  | No       |       |
| Original Odometer Value                 | 8133     | miles |
| Most Recent Odometer Value              | 8133     | miles |

|                                    |                                 |                  |
|------------------------------------|---------------------------------|------------------|
| Frequency Counter                  | 5                               |                  |
| Ignition Cycle Counter             | 0                               |                  |
| Fault Time                         | 248.20                          | S                |
| Current System Mode                | Ignition Run                    |                  |
| Previous System Mode               | Ignition Run                    |                  |
| System Condition                   | ESC/TSC Fault                   |                  |
| Supply Voltage Valves              | 14.6                            | V                |
| Brake Pedal Status                 | Released                        |                  |
| Supply voltage Pump                | 14.7                            | V                |
| Brake Pedal Travel Sensor Position | 0                               | %                |
| Ignition Unfiltered                | 14.6                            | V                |
| Wheel Speed Left Front             | 0.000                           | MPH              |
| Rotation Direction Left Front      | Forward                         |                  |
| Wheel Speed Right Front            | 0.000                           | MPH              |
| Rotation Direction Right Front     | Forward                         |                  |
| Wheel Speed Left Rear              | 0.000                           | MPH              |
| Rotation Direction Left Rear       | Forward                         |                  |
| Wheel Speed Right Rear             | 0.000                           | MPH              |
| Rotation Direction Right Rear      | Forward                         |                  |
| Steering Wheel Angle               | 12.80                           | °                |
| Longitudinal Acceleration          | 0.00                            | m/s <sup>2</sup> |
| Lateral Acceleration               | 0.00                            | m/s <sup>2</sup> |
| Yaw Rate                           | 0.000                           | °/s              |
| Primary Circuit Pressure           | 0.00                            | PSI              |
| Engine Speed                       | 0.0                             | rpm              |
| Accelerator Pedal Position         | 0.0                             | %                |
| ABS control                        | Not active                      |                  |
| ASR control                        | Not active                      |                  |
| MSR control                        | Not active                      |                  |
| EBV control                        | Not active                      |                  |
| ESP Control                        | Not active                      |                  |
| HSA control                        | Not active                      |                  |
| HBA control                        | Not active                      |                  |
| Hold                               | No                              |                  |
| Braking assistance system          | No Assistance System Is Braking |                  |
| Plant Mode                         | No                              |                  |
| EPB Mode Status                    | Static                          |                  |
| BLS High                           | No                              |                  |
| BLS Low                            | Yes                             |                  |
| Park Brake                         | Not Activated                   |                  |
| ESP-OFF mode                       | No                              |                  |
| Clutch                             | Not Activated                   |                  |
| Stop Coordinator Active            | No                              |                  |
| Actual Gear                        | P                               |                  |

|                                     |                   |  |
|-------------------------------------|-------------------|--|
| Transmission selector lever setting | P                 |  |
| Status Parking Brake Left           | Brake is Released |  |
| Status Parking Brake Right          | Brake is Released |  |
| EPB Switch Status                   | Idle              |  |
| Supplier Internal Code              | 254               |  |

**ABS0 | U0140-00 | Stored | Lost Communication With Body Control Module-**

| NAME                                    | VALUE         | UNITS |
|-----------------------------------------|---------------|-------|
| DTC                                     | C1 40 00      |       |
| Test Failed                             | False         |       |
| Test Failed This Operation Cycle        | False         |       |
| Pending DTC                             | False         |       |
| Confirmed DTC                           | True          |       |
| Test Not Completed Since Last Clear     | False         |       |
| Test Failed Since Last Clear            | False         |       |
| Test Not Completed This Operation Cycle | False         |       |
| Warning Indicator Requested             | False         |       |
| Occurrence flag                         | Occurrence    |       |
| Controller Event                        | No            |       |
| Mirror Memory                           | No            |       |
| Undervoltage Suspected                  | No            |       |
| Original Odometer Value                 | 8133          | miles |
| Most Recent Odometer Value              | 8133          | miles |
| Frequency Counter                       | 4             |       |
| Ignition Cycle Counter                  | 0             |       |
| Fault Time                              | 36.40         | S     |
| Current System Mode                     | Ignition Run  |       |
| Previous System Mode                    | Ignition Run  |       |
| System Condition                        | ESC/TSC Fault |       |
| Supply Voltage Valves                   | 14.6          | V     |
| Brake Pedal Status                      | Released      |       |
| Supply voltage Pump                     | 14.6          | V     |
| Brake Pedal Travel Sensor Position      | 0             | %     |
| Ignition Unfiltered                     | 14.6          | V     |
| Wheel Speed Left Front                  | 0.000         | MPH   |
| Rotation Direction Left Front           | Forward       |       |
| Wheel Speed Right Front                 | 0.000         | MPH   |
| Rotation Direction Right Front          | Forward       |       |
| Wheel Speed Left Rear                   | 0.000         | MPH   |
| Rotation Direction Left Rear            | Forward       |       |
| Wheel Speed Right Rear                  | 0.000         | MPH   |
| Rotation Direction Right Rear           | Forward       |       |
| Steering Wheel Angle                    | 12.80         | °     |
| Longitudinal Acceleration               | 0.00          | m/s^2 |

|                                     |                                 |       |
|-------------------------------------|---------------------------------|-------|
| Lateral Acceleration                | 0.00                            | m/s^2 |
| Yaw Rate                            | 0.000                           | °/s   |
| Primary Circuit Pressure            | 0.00                            | PSI   |
| Engine Speed                        | 0.0                             | rpm   |
| Accelerator Pedal Position          | 0.0                             | %     |
| ABS control                         | Not active                      |       |
| ASR control                         | Not active                      |       |
| MSR control                         | Not active                      |       |
| EBV control                         | Not active                      |       |
| ESP Control                         | Not active                      |       |
| HSA control                         | Not active                      |       |
| HBA control                         | Not active                      |       |
| Hold                                | No                              |       |
| Braking assistance system           | No Assistance System Is Braking |       |
| Plant Mode                          | No                              |       |
| EPB Mode Status                     | Static                          |       |
| BLS High                            | No                              |       |
| BLS Low                             | Yes                             |       |
| Park Brake                          | Not Activated                   |       |
| ESP-OFF mode                        | No                              |       |
| Clutch                              | Not Activated                   |       |
| Stop Coordinator Active             | No                              |       |
| Actual Gear                         | P                               |       |
| Transmission selector lever setting | P                               |       |
| Status Parking Brake Left           | Brake is Released               |       |
| Status Parking Brake Right          | Brake is Released               |       |
| EPB Switch Status                   | Idle                            |       |
| Supplier Internal Code              | 238                             |       |

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

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C0 02 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | False    |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| Occurrence flag                         | ERROR    |       |
| Controller Event                        | No       |       |
| Mirror Memory                           | No       |       |
| Undervoltage Suspected                  | No       |       |

|                                    |                                 |       |
|------------------------------------|---------------------------------|-------|
| Original Odometer Value            | 8133                            | miles |
| Most Recent Odometer Value         | 8133                            | miles |
| Frequency Counter                  | 23                              |       |
| Ignition Cycle Counter             | 0                               |       |
| Fault Time                         | 66.80                           | S     |
| Current System Mode                | Ignition Run                    |       |
| Previous System Mode               | Ignition Run                    |       |
| System Condition                   | ESC/TSC Fault                   |       |
| Supply Voltage Valves              | 14.6                            | V     |
| Brake Pedal Status                 | Released                        |       |
| Supply voltage Pump                | 14.6                            | V     |
| Brake Pedal Travel Sensor Position | 19                              | %     |
| Ignition Unfiltered                | 14.7                            | V     |
| Wheel Speed Left Front             | 0.000                           | MPH   |
| Rotation Direction Left Front      | Forward                         |       |
| Wheel Speed Right Front            | 0.000                           | MPH   |
| Rotation Direction Right Front     | Forward                         |       |
| Wheel Speed Left Rear              | 0.000                           | MPH   |
| Rotation Direction Left Rear       | Backward                        |       |
| Wheel Speed Right Rear             | 0.000                           | MPH   |
| Rotation Direction Right Rear      | Backward                        |       |
| Steering Wheel Angle               | -563.20                         | °     |
| Longitudinal Acceleration          | 0.00                            | m/s^2 |
| Lateral Acceleration               | -0.65                           | m/s^2 |
| Yaw Rate                           | 1.955                           | °/s   |
| Primary Circuit Pressure           | 0.00                            | PSI   |
| Engine Speed                       | 0.0                             | rpm   |
| Accelerator Pedal Position         | 0.0                             | %     |
| ABS control                        | Not active                      |       |
| ASR control                        | Not active                      |       |
| MSR control                        | Not active                      |       |
| EBV control                        | Not active                      |       |
| ESP Control                        | Not active                      |       |
| HSA control                        | Not active                      |       |
| HBA control                        | Not active                      |       |
| Hold                               | No                              |       |
| Braking assistance system          | No Assistance System Is Braking |       |
| Plant Mode                         | No                              |       |
| EPB Mode Status                    | Static                          |       |
| BLS High                           | No                              |       |
| BLS Low                            | Yes                             |       |
| Park Brake                         | Not Activated                   |       |
| ESP-OFF mode                       | No                              |       |
| Clutch                             | Not Activated                   |       |

|                                     |                   |  |
|-------------------------------------|-------------------|--|
| Stop Coordinator Active             | No                |  |
| Actual Gear                         | R                 |  |
| Transmission selector lever setting | R                 |  |
| Status Parking Brake Left           | Brake is Released |  |
| Status Parking Brake Right          | Brake is Released |  |
| EPB Switch Status                   | Idle              |  |
| Supplier Internal Code              | 191               |  |

**ABSO | U1226-00 | Stored | Lost Communication with Electronic Brake Booster Module-**

| NAME                                    | VALUE         | UNITS |
|-----------------------------------------|---------------|-------|
| DTC                                     | D2 26 00      |       |
| Test Failed                             | False         |       |
| Test Failed This Operation Cycle        | False         |       |
| Pending DTC                             | False         |       |
| Confirmed DTC                           | True          |       |
| Test Not Completed Since Last Clear     | False         |       |
| Test Failed Since Last Clear            | False         |       |
| Test Not Completed This Operation Cycle | False         |       |
| Warning Indicator Requested             | False         |       |
| Occurrence flag                         | Occurrence    |       |
| Controller Event                        | No            |       |
| Mirror Memory                           | No            |       |
| Undervoltage Suspected                  | No            |       |
| Original Odometer Value                 | 8133          | miles |
| Most Recent Odometer Value              | 8133          | miles |
| Frequency Counter                       | 4             |       |
| Ignition Cycle Counter                  | 0             |       |
| Fault Time                              | 748.20        | S     |
| Current System Mode                     | Ignition Run  |       |
| Previous System Mode                    | Ignition Run  |       |
| System Condition                        | ESC/TSC Fault |       |
| Supply Voltage Valves                   | 14.6          | V     |
| Brake Pedal Status                      | Released      |       |
| Supply voltage Pump                     | 14.8          | V     |
| Brake Pedal Travel Sensor Position      | 0             | %     |
| Ignition Unfiltered                     | 14.6          | V     |
| Wheel Speed Left Front                  | 0.000         | MPH   |
| Rotation Direction Left Front           | Forward       |       |
| Wheel Speed Right Front                 | 0.000         | MPH   |
| Rotation Direction Right Front          | Forward       |       |
| Wheel Speed Left Rear                   | 0.000         | MPH   |
| Rotation Direction Left Rear            | Forward       |       |
| Wheel Speed Right Rear                  | 0.000         | MPH   |
| Rotation Direction Right Rear           | Forward       |       |

|                                     |                                 |       |
|-------------------------------------|---------------------------------|-------|
| Steering Wheel Angle                | 6.40                            | °     |
| Longitudinal Acceleration           | 0.00                            | m/s^2 |
| Lateral Acceleration                | 0.00                            | m/s^2 |
| Yaw Rate                            | 0.000                           | °/s   |
| Primary Circuit Pressure            | 0.00                            | PSI   |
| Engine Speed                        | 0.0                             | rpm   |
| Accelerator Pedal Position          | 0.0                             | %     |
| ABS control                         | Not active                      |       |
| ASR control                         | Not active                      |       |
| MSR control                         | Not active                      |       |
| EBV control                         | Not active                      |       |
| ESP Control                         | Not active                      |       |
| HSA control                         | Not active                      |       |
| HBA control                         | Not active                      |       |
| Hold                                | No                              |       |
| Braking assistance system           | No Assistance System Is Braking |       |
| Plant Mode                          | No                              |       |
| EPB Mode Status                     | Static                          |       |
| BLS High                            | No                              |       |
| BLS Low                             | Yes                             |       |
| Park Brake                          | Not Activated                   |       |
| ESP-OFF mode                        | No                              |       |
| Clutch                              | Not Activated                   |       |
| Stop Coordinator Active             | No                              |       |
| Actual Gear                         | P                               |       |
| Transmission selector lever setting | P                               |       |
| Status Parking Brake Left           | Brake is Released               |       |
| Status Parking Brake Right          | Brake is Released               |       |
| EPB Switch Status                   | Idle                            |       |
| Supplier Internal Code              | 268                             |       |

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

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | C1 00 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | False      |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | Occurrence |       |
| Controller Event                        | No         |       |

|                                    |                                 |       |
|------------------------------------|---------------------------------|-------|
| Mirror Memory                      | No                              |       |
| Undervoltage Suspected             | No                              |       |
| Original Odometer Value            | 8133                            | miles |
| Most Recent Odometer Value         | 8133                            | miles |
| Frequency Counter                  | 5                               |       |
| Ignition Cycle Counter             | 0                               |       |
| Fault Time                         | 246.60                          | S     |
| Current System Mode                | Ignition Run                    |       |
| Previous System Mode               | Ignition Run                    |       |
| System Condition                   | ESC/TSC Fault                   |       |
| Supply Voltage Valves              | 14.6                            | V     |
| Brake Pedal Status                 | Released                        |       |
| Supply voltage Pump                | 14.7                            | V     |
| Brake Pedal Travel Sensor Position | 0                               | %     |
| Ignition Unfiltered                | 14.6                            | V     |
| Wheel Speed Left Front             | 0.000                           | MPH   |
| Rotation Direction Left Front      | Forward                         |       |
| Wheel Speed Right Front            | 0.000                           | MPH   |
| Rotation Direction Right Front     | Forward                         |       |
| Wheel Speed Left Rear              | 0.000                           | MPH   |
| Rotation Direction Left Rear       | Forward                         |       |
| Wheel Speed Right Rear             | 0.000                           | MPH   |
| Rotation Direction Right Rear      | Forward                         |       |
| Steering Wheel Angle               | 12.80                           | °     |
| Longitudinal Acceleration          | 0.00                            | m/s^2 |
| Lateral Acceleration               | 0.00                            | m/s^2 |
| Yaw Rate                           | 0.000                           | °/s   |
| Primary Circuit Pressure           | 0.00                            | PSI   |
| Engine Speed                       | 0.0                             | rpm   |
| Accelerator Pedal Position         | 0.0                             | %     |
| ABS control                        | Not active                      |       |
| ASR control                        | Not active                      |       |
| MSR control                        | Not active                      |       |
| EBV control                        | Not active                      |       |
| ESP Control                        | Not active                      |       |
| HSA control                        | Not active                      |       |
| HBA control                        | Not active                      |       |
| Hold                               | No                              |       |
| Braking assistance system          | No Assistance System Is Braking |       |
| Plant Mode                         | No                              |       |
| EPB Mode Status                    | Static                          |       |
| BLS High                           | No                              |       |
| BLS Low                            | Yes                             |       |
| Park Brake                         | Not Activated                   |       |

|                                     |                   |  |
|-------------------------------------|-------------------|--|
| ESP-OFF mode                        | No                |  |
| Clutch                              | Not Activated     |  |
| Stop Coordinator Active             | No                |  |
| Actual Gear                         | P                 |  |
| Transmission selector lever setting | P                 |  |
| Status Parking Brake Left           | Brake is Released |  |
| Status Parking Brake Right          | Brake is Released |  |
| EPB Switch Status                   | Idle              |  |
| Supplier Internal Code              | 285               |  |

**ABSO | U0401-00 | Stored | Implausible Data Received From ECM/PCM "A"-**

| NAME                                    | VALUE          | UNITS |
|-----------------------------------------|----------------|-------|
| DTC                                     | C4 01 00       |       |
| Test Failed                             | False          |       |
| Test Failed This Operation Cycle        | False          |       |
| Pending DTC                             | False          |       |
| Confirmed DTC                           | True           |       |
| Test Not Completed Since Last Clear     | False          |       |
| Test Failed Since Last Clear            | False          |       |
| Test Not Completed This Operation Cycle | False          |       |
| Warning Indicator Requested             | False          |       |
| Occurrence flag                         | Occurrence     |       |
| Controller Event                        | No             |       |
| Mirror Memory                           | No             |       |
| Undervoltage Suspected                  | No             |       |
| Original Odometer Value                 | 8133           | miles |
| Most Recent Odometer Value              | 8133           | miles |
| Frequency Counter                       | 2              |       |
| Ignition Cycle Counter                  | 0              |       |
| Fault Time                              | 74.20          | S     |
| Current System Mode                     | Engine Running |       |
| Previous System Mode                    | Engine Running |       |
| System Condition                        | ESC/TSC Fault  |       |
| Supply Voltage Valves                   | 14.6           | V     |
| Brake Pedal Status                      | Pressed        |       |
| Supply voltage Pump                     | 14.7           | V     |
| Brake Pedal Travel Sensor Position      | 29             | %     |
| Ignition Unfiltered                     | 14.6           | V     |
| Wheel Speed Left Front                  | 4.474          | MPH   |
| Rotation Direction Left Front           | Forward        |       |
| Wheel Speed Right Front                 | 3.355          | MPH   |
| Rotation Direction Right Front          | Forward        |       |
| Wheel Speed Left Rear                   | 4.474          | MPH   |
| Rotation Direction Left Rear            | Forward        |       |

|                                     |                                 |       |
|-------------------------------------|---------------------------------|-------|
| Wheel Speed Right Rear              | 3.355                           | MPH   |
| Rotation Direction Right Rear       | Forward                         |       |
| Steering Wheel Angle                | -403.20                         | °     |
| Longitudinal Acceleration           | 0.22                            | m/s^2 |
| Lateral Acceleration                | -0.87                           | m/s^2 |
| Yaw Rate                            | -15.640                         | °/s   |
| Primary Circuit Pressure            | 0.00                            | PSI   |
| Engine Speed                        | 440.0                           | rpm   |
| Accelerator Pedal Position          | 0.0                             | %     |
| ABS control                         | Not active                      |       |
| ASR control                         | Not active                      |       |
| MSR control                         | Not active                      |       |
| EBV control                         | Not active                      |       |
| ESP Control                         | Not active                      |       |
| HSA control                         | Not active                      |       |
| HBA control                         | Not active                      |       |
| Hold                                | No                              |       |
| Braking assistance system           | No Assistance System Is Braking |       |
| Plant Mode                          | No                              |       |
| EPB Mode Status                     | Static                          |       |
| BLS High                            | Yes                             |       |
| BLS Low                             | No                              |       |
| Park Brake                          | Not Activated                   |       |
| ESP-OFF mode                        | No                              |       |
| Clutch                              | Not Activated                   |       |
| Stop Coordinator Active             | No                              |       |
| Actual Gear                         | 1                               |       |
| Transmission selector lever setting | D                               |       |
| Status Parking Brake Left           | Brake is Released               |       |
| Status Parking Brake Right          | Brake is Released               |       |
| EPB Switch Status                   | Idle                            |       |
| Supplier Internal Code              | 231                             |       |

#### ABSO | U0131-00 | Stored | Lost Communication With Power Steering Control Module "A"-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 31 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | False    |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |

|                                    |                                 |       |
|------------------------------------|---------------------------------|-------|
| Occurrence flag                    | ERROR                           |       |
| Controller Event                   | No                              |       |
| Mirror Memory                      | No                              |       |
| Undervoltage Suspected             | No                              |       |
| Original Odometer Value            | 8133                            | miles |
| Most Recent Odometer Value         | 8133                            | miles |
| Frequency Counter                  | 3                               |       |
| Ignition Cycle Counter             | 0                               |       |
| Fault Time                         | 1227.40                         | S     |
| Current System Mode                | Engine Running                  |       |
| Previous System Mode               | Engine Running                  |       |
| System Condition                   | OK                              |       |
| Supply Voltage Valves              | 14.6                            | V     |
| Brake Pedal Status                 | Pressed                         |       |
| Supply voltage Pump                | 14.7                            | V     |
| Brake Pedal Travel Sensor Position | 7F                              | %     |
| Ignition Unfiltered                | 14.6                            | V     |
| Wheel Speed Left Front             | 0.000                           | MPH   |
| Rotation Direction Left Front      | Forward                         |       |
| Wheel Speed Right Front            | 0.000                           | MPH   |
| Rotation Direction Right Front     | Forward                         |       |
| Wheel Speed Left Rear              | 0.000                           | MPH   |
| Rotation Direction Left Rear       | Forward                         |       |
| Wheel Speed Right Rear             | 0.000                           | MPH   |
| Rotation Direction Right Rear      | Forward                         |       |
| Steering Wheel Angle               | 6.40                            | °     |
| Longitudinal Acceleration          | 0.00                            | m/s^2 |
| Lateral Acceleration               | -0.65                           | m/s^2 |
| Yaw Rate                           | 0.000                           | °/s   |
| Primary Circuit Pressure           | 820.19                          | PSI   |
| Engine Speed                       | 1368.0                          | rpm   |
| Accelerator Pedal Position         | 0.0                             | %     |
| ABS control                        | Not active                      |       |
| ASR control                        | Not active                      |       |
| MSR control                        | Not active                      |       |
| EBV control                        | Not active                      |       |
| ESP Control                        | Not active                      |       |
| HSA control                        | Not active                      |       |
| HBA control                        | Not active                      |       |
| Hold                               | No                              |       |
| Braking assistance system          | No Assistance System Is Braking |       |
| Plant Mode                         | No                              |       |
| EPB Mode Status                    | Static                          |       |
| BLS High                           | Yes                             |       |

|                                     |                   |  |
|-------------------------------------|-------------------|--|
| BLS Low                             | No                |  |
| Park Brake                          | Not Activated     |  |
| ESP-OFF mode                        | No                |  |
| Clutch                              | Not Activated     |  |
| Stop Coordinator Active             | No                |  |
| Actual Gear                         | P                 |  |
| Transmission selector lever setting | P                 |  |
| Status Parking Brake Left           | Brake is Released |  |
| Status Parking Brake Right          | Brake is Released |  |
| EPB Switch Status                   | Idle              |  |
| Supplier Internal Code              | 297               |  |

**ABSO | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-**

| NAME                                    | VALUE         | UNITS |
|-----------------------------------------|---------------|-------|
| DTC                                     | C2 93 00      |       |
| Test Failed                             | False         |       |
| Test Failed This Operation Cycle        | False         |       |
| Pending DTC                             | False         |       |
| Confirmed DTC                           | True          |       |
| Test Not Completed Since Last Clear     | False         |       |
| Test Failed Since Last Clear            | False         |       |
| Test Not Completed This Operation Cycle | False         |       |
| Warning Indicator Requested             | False         |       |
| Occurrence flag                         | Occurrence    |       |
| Controller Event                        | No            |       |
| Mirror Memory                           | No            |       |
| Undervoltage Suspected                  | No            |       |
| Original Odometer Value                 | 8133          | miles |
| Most Recent Odometer Value              | 8133          | miles |
| Frequency Counter                       | 5             |       |
| Ignition Cycle Counter                  | 0             |       |
| Fault Time                              | 246.60        | S     |
| Current System Mode                     | Ignition Run  |       |
| Previous System Mode                    | Ignition Run  |       |
| System Condition                        | ESC/TSC Fault |       |
| Supply Voltage Valves                   | 14.6          | V     |
| Brake Pedal Status                      | Released      |       |
| Supply voltage Pump                     | 14.7          | V     |
| Brake Pedal Travel Sensor Position      | 0             | %     |
| Ignition Unfiltered                     | 14.6          | V     |
| Wheel Speed Left Front                  | 0.000         | MPH   |
| Rotation Direction Left Front           | Forward       |       |
| Wheel Speed Right Front                 | 0.000         | MPH   |
| Rotation Direction Right Front          | Forward       |       |

|                                     |                                 |       |
|-------------------------------------|---------------------------------|-------|
| Wheel Speed Left Rear               | 0.000                           | MPH   |
| Rotation Direction Left Rear        | Forward                         |       |
| Wheel Speed Right Rear              | 0.000                           | MPH   |
| Rotation Direction Right Rear       | Forward                         |       |
| Steering Wheel Angle                | 12.80                           | °     |
| Longitudinal Acceleration           | 0.00                            | m/s^2 |
| Lateral Acceleration                | 0.00                            | m/s^2 |
| Yaw Rate                            | 0.000                           | °/s   |
| Primary Circuit Pressure            | 0.00                            | PSI   |
| Engine Speed                        | 0.0                             | rpm   |
| Accelerator Pedal Position          | 0.0                             | %     |
| ABS control                         | Not active                      |       |
| ASR control                         | Not active                      |       |
| MSR control                         | Not active                      |       |
| EBV control                         | Not active                      |       |
| ESP Control                         | Not active                      |       |
| HSA control                         | Not active                      |       |
| HBA control                         | Not active                      |       |
| Hold                                | No                              |       |
| Braking assistance system           | No Assistance System Is Braking |       |
| Plant Mode                          | No                              |       |
| EPB Mode Status                     | Static                          |       |
| BLS High                            | No                              |       |
| BLS Low                             | Yes                             |       |
| Park Brake                          | Not Activated                   |       |
| ESP-OFF mode                        | No                              |       |
| Clutch                              | Not Activated                   |       |
| Stop Coordinator Active             | No                              |       |
| Actual Gear                         | P                               |       |
| Transmission selector lever setting | P                               |       |
| Status Parking Brake Left           | Brake is Released               |       |
| Status Parking Brake Right          | Brake is Released               |       |
| EPB Switch Status                   | Idle                            |       |
| Supplier Internal Code              | 360                             |       |

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

| NAME                                | VALUE    | UNITS |
|-------------------------------------|----------|-------|
| DTC                                 | C1 51 00 |       |
| Test Failed                         | False    |       |
| Test Failed This Operation Cycle    | False    |       |
| Pending DTC                         | False    |       |
| Confirmed DTC                       | True     |       |
| Test Not Completed Since Last Clear | False    |       |
| Test Failed Since Last Clear        | False    |       |

|                                         |                                 |       |
|-----------------------------------------|---------------------------------|-------|
| Test Not Completed This Operation Cycle | False                           |       |
| Warning Indicator Requested             | False                           |       |
| Occurrence flag                         | Occurrence                      |       |
| Controller Event                        | No                              |       |
| Mirror Memory                           | No                              |       |
| Undervoltage Suspected                  | No                              |       |
| Original Odometer Value                 | 8133                            | miles |
| Most Recent Odometer Value              | 8133                            | miles |
| Frequency Counter                       | 5                               |       |
| Ignition Cycle Counter                  | 0                               |       |
| Fault Time                              | 36.40                           | S     |
| Current System Mode                     | Ignition Run                    |       |
| Previous System Mode                    | Ignition Run                    |       |
| System Condition                        | OK                              |       |
| Supply Voltage Valves                   | 14.6                            | V     |
| Brake Pedal Status                      | Released                        |       |
| Supply voltage Pump                     | 14.6                            | V     |
| Brake Pedal Travel Sensor Position      | 0                               | %     |
| Ignition Unfiltered                     | 14.6                            | V     |
| Wheel Speed Left Front                  | 0.000                           | MPH   |
| Rotation Direction Left Front           | Forward                         |       |
| Wheel Speed Right Front                 | 0.000                           | MPH   |
| Rotation Direction Right Front          | Forward                         |       |
| Wheel Speed Left Rear                   | 0.000                           | MPH   |
| Rotation Direction Left Rear            | Forward                         |       |
| Wheel Speed Right Rear                  | 0.000                           | MPH   |
| Rotation Direction Right Rear           | Forward                         |       |
| Steering Wheel Angle                    | 12.80                           | °     |
| Longitudinal Acceleration               | 0.00                            | m/s^2 |
| Lateral Acceleration                    | -0.65                           | m/s^2 |
| Yaw Rate                                | 0.000                           | °/s   |
| Primary Circuit Pressure                | 0.00                            | PSI   |
| Engine Speed                            | 0.0                             | rpm   |
| Accelerator Pedal Position              | 0.0                             | %     |
| ABS control                             | Not active                      |       |
| ASR control                             | Not active                      |       |
| MSR control                             | Not active                      |       |
| EBV control                             | Not active                      |       |
| ESP Control                             | Not active                      |       |
| HSA control                             | Not active                      |       |
| HBA control                             | Not active                      |       |
| Hold                                    | No                              |       |
| Braking assistance system               | No Assistance System Is Braking |       |
| Plant Mode                              | No                              |       |

|                                     |                   |  |
|-------------------------------------|-------------------|--|
| EPB Mode Status                     | Static            |  |
| BLS High                            | No                |  |
| BLS Low                             | Yes               |  |
| Park Brake                          | Not Activated     |  |
| ESP-OFF mode                        | No                |  |
| Clutch                              | Not Activated     |  |
| Stop Coordinator Active             | No                |  |
| Actual Gear                         | P                 |  |
| Transmission selector lever setting | P                 |  |
| Status Parking Brake Left           | Brake is Released |  |
| Status Parking Brake Right          | Brake is Released |  |
| EPB Switch Status                   | Idle              |  |
| Supplier Internal Code              | 320               |  |

**ABSO | U0212-00 | Stored | Lost Communication With Steering Column Control Module-**

| NAME                                    | VALUE         | UNITS |
|-----------------------------------------|---------------|-------|
| DTC                                     | C2 12 00      |       |
| Test Failed                             | False         |       |
| Test Failed This Operation Cycle        | False         |       |
| Pending DTC                             | False         |       |
| Confirmed DTC                           | True          |       |
| Test Not Completed Since Last Clear     | False         |       |
| Test Failed Since Last Clear            | False         |       |
| Test Not Completed This Operation Cycle | False         |       |
| Warning Indicator Requested             | False         |       |
| Occurrence flag                         | Occurrence    |       |
| Controller Event                        | No            |       |
| Mirror Memory                           | No            |       |
| Undervoltage Suspected                  | No            |       |
| Original Odometer Value                 | 8133          | miles |
| Most Recent Odometer Value              | 8133          | miles |
| Frequency Counter                       | 5             |       |
| Ignition Cycle Counter                  | 0             |       |
| Fault Time                              | 246.60        | S     |
| Current System Mode                     | Ignition Run  |       |
| Previous System Mode                    | Ignition Run  |       |
| System Condition                        | ESC/TSC Fault |       |
| Supply Voltage Valves                   | 14.6          | V     |
| Brake Pedal Status                      | Released      |       |
| Supply voltage Pump                     | 14.8          | V     |
| Brake Pedal Travel Sensor Position      | 0             | %     |
| Ignition Unfiltered                     | 14.6          | V     |
| Wheel Speed Left Front                  | 0.000         | MPH   |
| Rotation Direction Left Front           | Forward       |       |

|                                     |                                 |       |
|-------------------------------------|---------------------------------|-------|
| Wheel Speed Right Front             | 0.000                           | MPH   |
| Rotation Direction Right Front      | Forward                         |       |
| Wheel Speed Left Rear               | 0.000                           | MPH   |
| Rotation Direction Left Rear        | Forward                         |       |
| Wheel Speed Right Rear              | 0.000                           | MPH   |
| Rotation Direction Right Rear       | Forward                         |       |
| Steering Wheel Angle                | 12.80                           | °     |
| Longitudinal Acceleration           | 0.00                            | m/s^2 |
| Lateral Acceleration                | 0.00                            | m/s^2 |
| Yaw Rate                            | 0.000                           | °/s   |
| Primary Circuit Pressure            | 0.00                            | PSI   |
| Engine Speed                        | 0.0                             | rpm   |
| Accelerator Pedal Position          | 0.0                             | %     |
| ABS control                         | Not active                      |       |
| ASR control                         | Not active                      |       |
| MSR control                         | Not active                      |       |
| EBV control                         | Not active                      |       |
| ESP Control                         | Not active                      |       |
| HSA control                         | Not active                      |       |
| HBA control                         | Not active                      |       |
| Hold                                | No                              |       |
| Braking assistance system           | No Assistance System Is Braking |       |
| Plant Mode                          | No                              |       |
| EPB Mode Status                     | Static                          |       |
| BLS High                            | No                              |       |
| BLS Low                             | Yes                             |       |
| Park Brake                          | Not Activated                   |       |
| ESP-OFF mode                        | No                              |       |
| Clutch                              | Not Activated                   |       |
| Stop Coordinator Active             | No                              |       |
| Actual Gear                         | P                               |       |
| Transmission selector lever setting | P                               |       |
| Status Parking Brake Left           | Brake is Released               |       |
| Status Parking Brake Right          | Brake is Released               |       |
| EPB Switch Status                   | Idle                            |       |
| Supplier Internal Code              | 346                             |       |

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

| NAME                             | VALUE    | UNITS |
|----------------------------------|----------|-------|
| DTC                              | C1 59 00 |       |
| Test Failed                      | False    |       |
| Test Failed This Operation Cycle | False    |       |
| Pending DTC                      | False    |       |
| Confirmed DTC                    | True     |       |

|                                         |               |       |
|-----------------------------------------|---------------|-------|
| Test Not Completed Since Last Clear     | False         |       |
| Test Failed Since Last Clear            | False         |       |
| Test Not Completed This Operation Cycle | False         |       |
| Warning Indicator Requested             | False         |       |
| Occurrence flag                         | Occurrence    |       |
| Controller Event                        | No            |       |
| Mirror Memory                           | No            |       |
| Undervoltage Suspected                  | No            |       |
| Original Odometer Value                 | 8133          | miles |
| Most Recent Odometer Value              | 8133          | miles |
| Frequency Counter                       | 2             |       |
| Ignition Cycle Counter                  | 0             |       |
| Fault Time                              | 750.40        | S     |
| Current System Mode                     | Ignition Run  |       |
| Previous System Mode                    | Ignition Run  |       |
| System Condition                        | ESC/TSC Fault |       |
| Supply Voltage Valves                   | 14.6          | V     |
| Brake Pedal Status                      | Released      |       |
| Supply voltage Pump                     | 14.7          | V     |
| Brake Pedal Travel Sensor Position      | 0             | %     |
| Ignition Unfiltered                     | 14.6          | V     |
| Wheel Speed Left Front                  | 0.000         | MPH   |
| Rotation Direction Left Front           | Forward       |       |
| Wheel Speed Right Front                 | 0.000         | MPH   |
| Rotation Direction Right Front          | Forward       |       |
| Wheel Speed Left Rear                   | 0.000         | MPH   |
| Rotation Direction Left Rear            | Forward       |       |
| Wheel Speed Right Rear                  | 0.000         | MPH   |
| Rotation Direction Right Rear           | Forward       |       |
| Steering Wheel Angle                    | 6.40          | °     |
| Longitudinal Acceleration               | 0.00          | m/s^2 |
| Lateral Acceleration                    | 0.00          | m/s^2 |
| Yaw Rate                                | 0.000         | °/s   |
| Primary Circuit Pressure                | 0.00          | PSI   |
| Engine Speed                            | 0.0           | rpm   |
| Accelerator Pedal Position              | 0.0           | %     |
| ABS control                             | Not active    |       |
| ASR control                             | Not active    |       |
| MSR control                             | Not active    |       |
| EBV control                             | Not active    |       |
| ESP Control                             | Not active    |       |
| HSA control                             | Not active    |       |
| HBA control                             | Not active    |       |
| Hold                                    | No            |       |

|                                     |                                 |  |
|-------------------------------------|---------------------------------|--|
| Braking assistance system           | No Assistance System Is Braking |  |
| Plant Mode                          | No                              |  |
| EPB Mode Status                     | Static                          |  |
| BLS High                            | No                              |  |
| BLS Low                             | Yes                             |  |
| Park Brake                          | Not Activated                   |  |
| ESP-OFF mode                        | No                              |  |
| Clutch                              | Not Activated                   |  |
| Stop Coordinator Active             | No                              |  |
| Actual Gear                         | P                               |  |
| Transmission selector lever setting | P                               |  |
| Status Parking Brake Left           | Brake is Released               |  |
| Status Parking Brake Right          | Brake is Released               |  |
| EPB Switch Status                   | Idle                            |  |
| Supplier Internal Code              | 334                             |  |

**TBM2 | U0129-00 | Stored | Lost Communication With Brake System Control Module 1-**

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 29 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| DTC Extended Data Record Number - All   | 01       |       |
| Frequency Counter                       | 4        |       |

**TBM2 | U0140-00 | Stored | Lost Communication With Body Control Module-**

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 40 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| DTC Extended Data Record Number - All   | 01       |       |
| Frequency Counter                       | 3        |       |

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

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C4 52 64 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| DTC Extended Data Record Number - All   | 01       |       |
| Frequency Counter                       | 3        |       |

**SNAPSHOT DATA SUMMARY**

No Snapshot Data available for U1110

No Snapshot Data available for U1186

No Snapshot Data available for P1C4E

No Snapshot Data available for U115E

No Snapshot Data available for U017E

No Snapshot Data available for U1141

No Snapshot Data available for U11C2

No Snapshot Data available for U110A

No Snapshot Data available for U0151

No Snapshot Data available for U0155

No Snapshot Data available for U0001-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0103-00

No Snapshot Data available for U0155-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0154-00

No Snapshot Data available for U0001-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0159-00

No Snapshot Data available for U1215-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U0212-00

No Snapshot Data available for U0101-00

No Snapshot Data available for U0121-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0155-00

No Snapshot Data available for U0422-00

No Snapshot Data available for U0422-00

No Snapshot Data available for U0422-00

No Snapshot Data available for U0001-00

No Snapshot Data available for U0131-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U1216-00

No Snapshot Data available for U0159-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0151-00

No Snapshot Data available for U1215-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U0002-00

No Snapshot Data available for U0429-00

No Snapshot Data available for U0001-00

No Snapshot Data available for U0002-00

No Snapshot Data available for U0212-00

No Snapshot Data available for U11E8-00

No Snapshot Data available for U11B9-00

No Snapshot Data available for U0159-00

No Snapshot Data available for U1216-00

No Snapshot Data available for U1215-00

No Snapshot Data available for U0100-00

No Snapshot Data available for C2227-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U148D-00

No Snapshot Data available for U110A-00

No Snapshot Data available for U121E-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0121-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U0002-00

No Snapshot Data available for C0063-9A

No Snapshot Data available for U0140-00

No Snapshot Data available for B2206-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0422-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0422-00

No Snapshot Data available for U0001-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0103-00

No Snapshot Data available for U0121-00

No Snapshot Data available for U0151-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U11DD-00

No Snapshot Data available for U1850-00

No Snapshot Data available for U1852-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0422-00

No Snapshot Data available for C0021-00

No Snapshot Data available for U0104-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0002-00

No Snapshot Data available for U1226-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0401-00

No Snapshot Data available for U0131-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0151-00

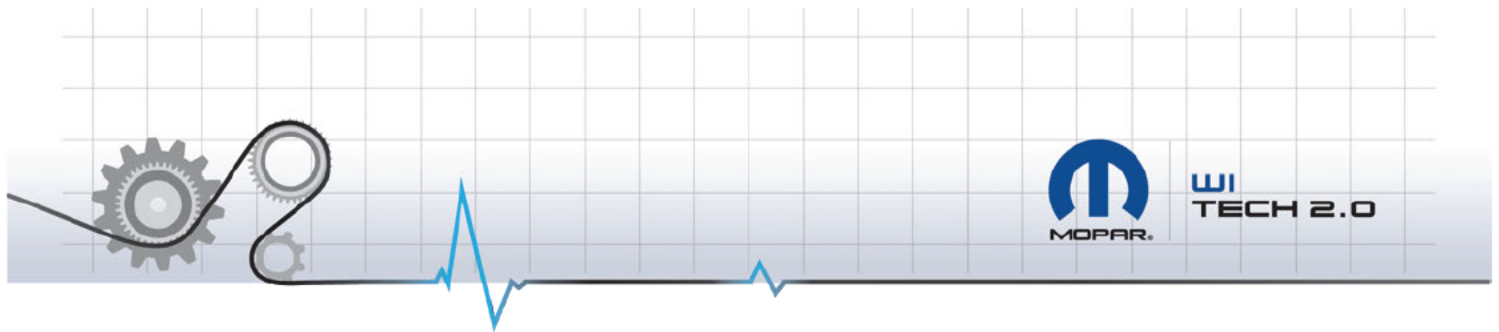
No Snapshot Data available for U0212-00

No Snapshot Data available for U0159-00

No Snapshot Data available for U0129-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0452-64



## VEHICLE SCAN REPORT

**Vehicle** 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE  
**VIN** [REDACTED]

**Odometer** 8002.5 miles  
**Publication Date** Jan 13, 2022, 3:25:46 PM

## ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | CURRENT VIN | ORIGINAL VIN | PART #     |
|-------|--------------------------------|----------|--------------|-------------|--------------|------------|
| PCM   | Powertrain Control Module      | CAN-C    | 68499122AE   | [REDACTED]  | [REDACTED]   | 68499122AE |
| PLGM  | Power Liftgate                 | CAN-I    | 68466171AI   | [REDACTED]  | —            | 68466171AI |
| ICS   | Integrated Center Stack        | CAN-I    | 7AS341X8AA   | [REDACTED]  | [REDACTED]   | 7AS341X8AA |
| RFH   | Radio Frequency Hub            | CAN-C    | 68500152AA   | [REDACTED]  | [REDACTED]   | 68500152AA |
| ESM   | Electronic Shifter             | CAN-C    | 68240089AN   | [REDACTED]  | [REDACTED]   | 68240089AN |
| ORC   | Occupant Restraint             | CAN-C    | 68480710AC   | [REDACTED]  | [REDACTED]   | 68480710AC |
| EPS   | Electric Power Steering        | CAN-C    | 68460392AA   | [REDACTED]  | [REDACTED]   | 68460392AA |
| HVAC  | Heat, Ventilation and A/C      | CAN-I    | 68493454AE   | [REDACTED]  | [REDACTED]   | 68493454AE |
| DDM   | Driver Door Module             | CAN-I    | 68496461AB   | [REDACTED]  | [REDACTED]   | 68496461AB |
| PDM   | Passenger Door Module          | CAN-I    | 68496460AB   | [REDACTED]  | [REDACTED]   | 68496460AB |
| DMRL  | Door Module Rear Left          | CAN-I    | 68508894AB   | [REDACTED]  | [REDACTED]   | 68508894AB |
| DMRR  | Door Module Rear Right         | CAN-I    | 68508894AB   | [REDACTED]  | [REDACTED]   | 68508894AB |
| PSDML | Power Sliding Doors (Left)     | CAN-I    | 68369596AD   | [REDACTED]  | [REDACTED]   | 68369596AD |
| PSDMR | Power Sliding Doors (Right)    | CAN-I    | 68369596AD   | [REDACTED]  | [REDACTED]   | 68369596AD |
| MSM   | Memory Seat Module             | CAN-I    | 68321862AC   | [REDACTED]  | [REDACTED]   | 68321862AC |
| CSWM  | Comfort Seat Wheel Module      | CAN-I    | 68517013AB   | [REDACTED]  | [REDACTED]   | 68517013AB |
| AMP   | Amplifier                      | CAN-I    | 68448067AA   | [REDACTED]  | [REDACTED]   | 68448067AA |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68434960AE   | [REDACTED]  | [REDACTED]   | 68434960AE |
| PTS   | Parktronics                    | CAN-C    | 68485862AA   | [REDACTED]  | [REDACTED]   | 68485862AA |
| SCCM  | Steering Column Control Module | CAN-C    | 68360889AD   | [REDACTED]  | [REDACTED]   | 68360889AD |
| BCM   | Body Controller                | CAN-C    | 68491085AG   | [REDACTED]  | [REDACTED]   | 68491085AG |

|       |                                    |       |            |  |  |            |
|-------|------------------------------------|-------|------------|--|--|------------|
| ACC   | Adaptive Cruise Control            | CAN-C | 68540436AA |  |  | 68540436AA |
| RADIO | Radio                              | CAN-I | 68465292AE |  |  | 68465292AE |
| OCM   | Occupant Classification            | CAN-C | 68403127AA |  |  | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB |  |  | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AB |  |  | 04672786AB |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AB |  |  | 04672786AB |
| FFCM  | Forward Facing Camera Module       | CAN-C | 68493395AA |  |  | 68493395AA |
| APM   | Accessory Power Module             | CAN-C | 05185046AB |  |  | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 05193183AE |  |  | 05193183AE |
| HCP   | Hybrid Control Processor           | CAN-C | 05185116AH |  |  | 05185116AH |
| OBCM  | On Board Charging Module           | CAN-C | 05185047AE |  |  | 05185047AE |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC |  |  | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68437339AD |  |  | 68437339AD |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 6WL30PD2AA |  |  | 6WL30PD2AA |
| CVPM  | Central vision processing module   | CAN-I | 56029920AB |  |  | 56029920AB |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG |  |  | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05185117AH |  |  | 05185117AH |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68461813AB |  |  | 68461813AB |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68471122AD |  |  | 68471122AD |
| SGW   | Security Gateway Module            | CAN-C | 68488429AB |  |  | 68488429AB |
| TBM2  | Telematic Box Module 2             | CAN-C | 68546266AB |  |  | 68546266AB |

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

| ECU  | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT        | CVNS     |
|------|--------------|------------------|------------------|--------------|----------|
| PCM  | USA          | 1B 47            | 75 01 01         | 4422         | F2DB13B9 |
| PLGM | USA          | 0                | 5084             | 000200000031 |          |
| ICS  | USA          | 0F 0C 00         | 13 31 01         | 4700         |          |
| RFH  | USA / USA    | 10 17 00         | 13 26 00         | 4A00         |          |
| ESM  | USA / USA    | 13 02 00         | 14 23 FF         | 4402         |          |
| ORC  | USA / USA    | 12 1A 00         | 13 2E 00         | 4301         |          |
| EPS  | USA / USA    | 12 2A 00         | 12 1E 01         | 4502         |          |

|       |                              |          |          |              |                                  |
|-------|------------------------------|----------|----------|--------------|----------------------------------|
| HVAC  | USA                          | 0E 09 00 | 14 2F 01 | 4401         |                                  |
| DDM   | USA                          | 11 07 00 | 14 07 00 | 4202         |                                  |
| PDM   | USA                          | 11 07 00 | 14 07 00 | 4202         |                                  |
| DMRL  | USA / USA                    | 10 0B 00 | 14 08 00 | 4201         |                                  |
| DMRR  | USA / USA                    | 10 0B 00 | 14 08 00 | 4201         |                                  |
| PSDML | USA / USA                    | 10 17 00 | 14 10 12 | 4001         |                                  |
| PSDMR | USA / USA                    | 10 17 00 | 14 10 12 | 4001         |                                  |
| MSM   | USA                          | 0F 2B 00 | 10 27 03 | 4101         |                                  |
| CSWM  | USA                          | 11 2A 00 | 14 25 00 | 4302         |                                  |
| AMP   | USA                          | 0F 06 01 | 12 2E 01 | 4021         |                                  |
| IPC   | USA / USA                    | 12 06 00 | 14 2B 00 | 4705         |                                  |
| PTS   | USA                          | 0E 32 00 | 14 07 00 | 4311         |                                  |
| SCCM  | USA                          | 13 28 00 | 13 29 00 | 4301         |                                  |
| BCM   | USA                          | 0D 11 00 | 14 26 90 | 4420         |                                  |
| ACC   | USA / USA                    | 14 2A 01 | 14 26 01 | 4400         |                                  |
| RADIO |                              | 65       | 5671     | 000200000008 |                                  |
| OCM   | USA / USA                    | 11 1F 01 | 0E 2F 02 | 4030         |                                  |
| HVACR | USA                          | 0E 09 00 | 10 03 02 | 4301         |                                  |
| LBSS  | USA / USA                    | 11 30 02 | 12 0D 00 | 4202         |                                  |
| RBSS  | USA / USA                    | 11 30 02 | 12 0D 00 | 4202         |                                  |
| FFCM  | USA / USA                    | 11 06 00 | 13 1E 00 | 4102         |                                  |
| APM   | USA / USA                    | 11 32 00 | 11 32 00 | 4001         |                                  |
| BPCM  | Not programmed / COUNTRY_SNA | 0E 03 00 | 14 2C 00 | 4005         | 79855957                         |
| HCP   | USA                          | 11 1F 04 | 0F 2D 00 | 4006         | 879F1587<br>D754327D<br>050DC953 |
| OBCM  | USA                          | 0F 0D 00 | 12 02 00 | 4002         |                                  |
| MSMP  | USA                          | 0F 2B 00 | 10 27 03 | 4001         |                                  |
| DSM   | USA / USA                    | 14 0C 00 | 14 28 00 | 4300         |                                  |
| RCCC  | USA                          | 0F 1D 00 | 13 04 00 | 4000         |                                  |
| CVPM  | USA / USA                    | 11 27 01 | 14 0C 01 | 4004         |                                  |
| EAC   | USA                          | 0E 34 00 | 12 0F 00 | 4102         |                                  |
| AHCP  | USA                          | 11 1F 04 | 0F 2D 00 | 4000         |                                  |
| EBBM  | USA                          | 0E 19 02 | 14 0D 18 | 4000         | E5898FA5                         |
| ABSO  | USA                          | 0E 15 02 | 14 1B 26 | 4201         | 4F158D1B                         |
| SGW   |                              | 5        | 969      | 4103         |                                  |
| TBM2  | USA                          | 13 0E 02 | 14 2A 5C | 4104         |                                  |

## DTC SUMMARY

| ECU | DTC CODE | DTC DESCRIPTION                                                  | STATUS |
|-----|----------|------------------------------------------------------------------|--------|
| PCM | B1810    | Driver Door Ajar Input Circuit Low                               | Stored |
| PCM | U11E9    | Lost Communication With AGS                                      | Stored |
| PCM | P1C4E    | ABS DTC Present                                                  | Stored |
| PCM | U1817    | Lost Communication With Hybrid Powertrain Control Module on D-PT | Stored |
| PCM | U113E    | Lost Communication With Intelligent Battery Sensor "A"           | Stored |

|       |          |                                                                             |         |
|-------|----------|-----------------------------------------------------------------------------|---------|
| PCM   | U110E    | Lost Ambient Temperature Message                                            | Stored  |
| PCM   | U0155    | Lost Communication With Cluster/CCN                                         | Stored  |
| PCM   | U115E    | Lost Fuel Fill Door Switch Message                                          | Stored  |
| PCM   | U1226    | Lost Communication with Electronic Brake Booster Module                     | Stored  |
| PCM   | U0168    | Lost Communication With Vehicle Security Control Module                     | Stored  |
| PCM   | U110C    | Lost Fuel Level Message                                                     | Stored  |
| PCM   | U1110    | Lost Vehicle Speed Message                                                  | Stored  |
| PCM   | U1120    | Lost Wheel Distance Message                                                 | Stored  |
| PCM   | U110A    | Lost Communication With SCM - CAN-C                                         | Stored  |
| PCM   | U1186    | Lost ACC Torque Message                                                     | Stored  |
| PCM   | U1199    | Lost Hood Ajar Switch Voltage Message                                       | Stored  |
| PCM   | U0140    | Lost Communication With Body Control Module                                 | Stored  |
| PCM   | U1141    | Lost Brake and Torque Messages                                              | Stored  |
| PCM   | U11BC    | Lost Brake Switch Message                                                   | Stored  |
| PCM   | U11C2    | Implausible/Missing Transmission Message                                    | Stored  |
| PCM   | U017E    | Lost Communication with Seatbelt Sensor 1                                   | Stored  |
| PCM   | B25C7    | Driver Door Ajar Switch 2 Circuit Low                                       | Stored  |
| PCM   | P04CA    | Fuel Fill Door Open Request Sensor/Switch Circuit Low                       | Stored  |
| PCM   | U0212    | Lost Communication With SCM                                                 | Pending |
| RFH   | U0001-00 | CAN C Bus-                                                                  | Stored  |
| RFH   | U0293-00 | Lost Communication with Hybrid Control Module "A"-                          | Stored  |
| RFH   | U0103-00 | Lost Communication With Electric Gear Shift Module-                         | Stored  |
| RFH   | U0155-00 | Lost Communication With Cluster/CCN-                                        | Stored  |
| RFH   | U0140-00 | Lost Communication With Body Control Module-                                | Stored  |
| RFH   | U0100-00 | Lost Communication With ECM/PCM "A"-                                        | Stored  |
| ESM   | U0293-00 | Lost Communication with Hybrid Control Module "A"-                          | Stored  |
| ORC   | U0001-00 | CAN C Bus-                                                                  | Stored  |
| ORC   | U0140-00 | Lost Communication With Body Control Module-                                | Stored  |
| EPS   | U0415-00 | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"- | Stored  |
| EPS   | U0101-00 | Lost Communication with TCM-                                                | Stored  |
| EPS   | U148D-00 | Implausible Data Received from Forward Facing Camera-                       | Stored  |
| EPS   | U1215-00 | Lost Communication with Forward Facing Camera-                              | Stored  |
| EPS   | U0159-00 | Lost Communication With Parking Assist Control Module-                      | Stored  |
| EPS   | U0121-00 | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-    | Stored  |
| EPS   | U0100-00 | Lost Communication With ECM/PCM "A"-                                        | Stored  |
| EPS   | U0293-00 | Lost Communication with Hybrid Control Module "A"-                          | Stored  |
| EPS   | U0155-00 | Lost Communication With Cluster/CCN-                                        | Stored  |
| EPS   | U0140-00 | Lost Communication With Body Control Module-                                | Stored  |
| HVAC  | U0422-00 | Implausible Data Received From Body Control Module-                         | Stored  |
| PSDML | U0422-00 | Implausible Data Received From Body Control Module-                         | Stored  |
| PSDMR | U0422-00 | Implausible Data Received From Body Control Module-                         | Stored  |
| IPC   | U0001-00 | CAN C Bus-                                                                  | Stored  |
| PTS   | U0002-00 | CAN C Bus Off Performance-                                                  | Stored  |
| PTS   | U0415-00 | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"- | Stored  |

|      |          |                                                                             |        |
|------|----------|-----------------------------------------------------------------------------|--------|
| PTS  | U0429-00 | Implausible Data Received from Steering Column Control Module-              | Stored |
| SCCM | U0001-00 | CAN C Bus-                                                                  | Stored |
| BCM  | U1216-00 | Lost Communication with Driver Assistance System Module-                    | Stored |
| BCM  | U1215-00 | Lost Communication with Forward Facing Camera-                              | Stored |
| BCM  | U11B9-00 | Lost Communication with RF Hub-                                             | Stored |
| BCM  | U0212-00 | Lost Communication With Steering Column Control Module-                     | Stored |
| BCM  | U0155-00 | Lost Communication With Cluster/CCN-                                        | Stored |
| BCM  | U0100-00 | Lost Communication With ECM/PCM "A"-                                        | Stored |
| BCM  | U11E8-00 | Lost Communication with EPS Steering Torque Message-                        | Stored |
| BCM  | U0293-00 | Lost Communication with Hybrid Control Module "A"-                          | Stored |
| BCM  | U0159-00 | Lost Communication With Parking Assist Control Module-                      | Stored |
| BCM  | U151A-87 | Hybrid Control Processor Secret Code-Missing Message                        | Stored |
| BCM  | U1514-87 | Engine Controller Secret Code-Missing Message                               | Stored |
| BCM  | U0002-00 | CAN C Bus Off Performance-                                                  | Stored |
| BCM  | P0070-15 | Ambient Air Temperature Sensor Circuit-Circuit Short to Battery or Open     | Stored |
| ACC  | C2227-00 | ABS Disabled ECU-                                                           | Stored |
| ACC  | U0121-00 | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-    | Stored |
| ACC  | U0100-00 | Lost Communication With ECM/PCM "A"-                                        | Stored |
| ACC  | U110A-00 | Lost Communication With SCM - CAN-C-                                        | Stored |
| ACC  | U121E-00 | Lost Communication with Steering Wheel Cruise Control Switch-               | Stored |
| ACC  | U0401-00 | Implausible Data Received From ECM/PCM "A"-                                 | Stored |
| ACC  | U0140-00 | Lost Communication With Body Control Module-                                | Stored |
| ACC  | U0415-00 | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"- | Stored |
| ACC  | C212A-84 | System Voltage-Signal Below Allowable Range                                 | Stored |
| ACC  | U0002-00 | CAN C Bus Off Performance-                                                  | Stored |
| OCM  | U0140-00 | Lost Communication With Body Control Module-                                | Stored |
| OCM  | B2206-00 | Current VIN Missing / Mismatch-                                             | Stored |
| LBSS | U0140-00 | Lost Communication With Body Control Module-                                | Stored |
| LBSS | U0422-00 | Implausible Data Received From Body Control Module-                         | Stored |
| RBSS | U0140-00 | Lost Communication With Body Control Module-                                | Stored |
| RBSS | U0422-00 | Implausible Data Received From Body Control Module-                         | Stored |
| HCP  | P0513-00 | Invalid SKIM Key-                                                           | Stored |
| HCP  | U0001-00 | CAN C Bus-                                                                  | Stored |
| HCP  | U0100-00 | Lost Communication With ECM/PCM "A"-                                        | Stored |
| HCP  | U0103-00 | Lost Communication With Electric Gear Shift Module-                         | Stored |
| HCP  | U0121-00 | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-    | Stored |
| HCP  | U0151-00 | Lost Communication with Occupant Restraint Controller (ORC)-                | Stored |
| HCP  | U0155-00 | Lost Communication With Cluster/CCN-                                        | Stored |
| HCP  | U11DD-00 | Body Control Module Signal Invalid-                                         | Stored |
| HCP  | U1850-00 | Implausible Data Received from PCM on D-PT-                                 | Stored |
| HCP  | U1852-00 | Implausible Data Received from ABS on D-PT-                                 | Stored |
| DSM  | U0140-00 | Lost Communication With Body Control Module-                                | Stored |
| CVPM | U0422-00 | Implausible Data Received From Body Control Module-                         | Stored |
| ABSO | C0021-00 | Brake Booster-                                                              | Stored |

|      |          |                                                                                      |        |
|------|----------|--------------------------------------------------------------------------------------|--------|
| ABSO | U0104-00 | Lost Communication With Cruise Control Module-                                       | Stored |
| ABSO | U0140-00 | Lost Communication With Body Control Module-                                         | Stored |
| ABSO | U0002-00 | CAN C Bus Off Performance-                                                           | Stored |
| ABSO | U1226-00 | Lost Communication with Electronic Brake Booster Module-                             | Stored |
| ABSO | U0100-00 | Lost Communication With ECM/PCM "A"-                                                 | Stored |
| ABSO | U0293-00 | Lost Communication with Hybrid Control Module "A"-                                   | Stored |
| ABSO | U0151-00 | Lost Communication with Occupant Restraint Controller (ORC)-                         | Stored |
| ABSO | U0212-00 | Lost Communication With Steering Column Control Module-                              | Stored |
| SGW  | U0001-00 | CAN C Bus-                                                                           | Stored |
| TBM2 | U0129-00 | Lost Communication With Brake System Control Module 1-                               | Stored |
| TBM2 | U0140-00 | Lost Communication With Body Control Module-                                         | Stored |
| TBM2 | U0151-00 | Lost Communication with Occupant Restraint Controller (ORC)-                         | Stored |
| TBM2 | U0452-64 | Implausible Data Received From Restraints Control Module-Signal Plausibility Failure | Stored |

## ENVIRONMENTAL DATA SUMMARY

### PCM | B1810 | Stored | Driver Door Ajar Input Circuit Low

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

### PCM | U11E9 | Stored | Lost Communication With AGS

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | D1 E9        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Active       |         |
| Warning Indicator Request State       | On           |         |
| Odometer                              | 7981.4       | miles   |
| Accumulation Timer                    | 8            | minutes |
| Ignition Key Cycles                   | 0            |         |
| Starts Since Set Counter              | 0            |         |
| Key Cycles Since DTC Last Set Counter | 0            |         |
| Warm Up Cycles                        | 0            |         |

Good Trip Counter

0

**PCM | P1C4E | Stored | ABS DTC Present**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | 1C 4E        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | Off          |         |
| Odometer                              | 7981.4       | miles   |
| Accumulation Timer                    | 8            | minutes |
| Ignition Key Cycles                   | 5            |         |
| Starts Since Set Counter              | 4            |         |
| Key Cycles Since DTC Last Set Counter | 6            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

**PCM | U1817 | Stored | Lost Communication With Hybrid Powertrain Control Module on D-PT**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | D8 17        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Odometer                              | 7981.4       | miles   |
| Accumulation Timer                    | 1            | minutes |
| Ignition Key Cycles                   | 6            |         |
| Starts Since Set Counter              | 4            |         |
| Key Cycles Since DTC Last Set Counter | 6            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

**PCM | U113E | Stored | Lost Communication With Intelligent Battery Sensor "A"**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | D1 3E        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | Off          |         |
| Odometer                              | 7981.4       | miles   |
| Accumulation Timer                    | 3            | minutes |
| Ignition Key Cycles                   | 6            |         |
| Starts Since Set Counter              | 4            |         |
| Key Cycles Since DTC Last Set Counter | 6            |         |

|                   |   |
|-------------------|---|
| Warm Up Cycles    | 0 |
| Good Trip Counter | 0 |

**PCM | U110E | Stored | Lost Ambient Temperature Message**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | D1 0E        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Odometer                              | 7981.4       | miles   |
| Accumulation Timer                    | 2            | minutes |
| Ignition Key Cycles                   | 6            |         |
| Starts Since Set Counter              | 4            |         |
| Key Cycles Since DTC Last Set Counter | 6            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

**PCM | U0155 | Stored | Lost Communication With Cluster/CCN**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | C1 55        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | Off          |         |
| Odometer                              | 7981.4       | miles   |
| Accumulation Timer                    | 2            | minutes |
| Ignition Key Cycles                   | 6            |         |
| Starts Since Set Counter              | 4            |         |
| Key Cycles Since DTC Last Set Counter | 6            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

**PCM | U115E | Stored | Lost Fuel Fill Door Switch Message**

| NAME                            | VALUE        | UNITS   |
|---------------------------------|--------------|---------|
| Number of DTC                   | 1            |         |
| DTC                             | D1 5E        |         |
| DTC Readiness Flag              | Not Complete |         |
| DTC Storage State               | Stored       |         |
| Warning Indicator Request State | Off          |         |
| Odometer                        | 7981.4       | miles   |
| Accumulation Timer              | 2            | minutes |
| Ignition Key Cycles             | 6            |         |
| Starts Since Set Counter        | 4            |         |

|                                       |   |  |
|---------------------------------------|---|--|
| Key Cycles Since DTC Last Set Counter | 6 |  |
| Warm Up Cycles                        | 0 |  |
| Good Trip Counter                     | 0 |  |

#### PCM | U1226 | Stored | Lost Communication with Electronic Brake Booster Module

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | D2 26        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Odometer                              | 7981.4       | miles   |
| Accumulation Timer                    | 2            | minutes |
| Ignition Key Cycles                   | 6            |         |
| Starts Since Set Counter              | 4            |         |
| Key Cycles Since DTC Last Set Counter | 6            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

#### PCM | U0168 | Stored | Lost Communication With Vehicle Security Control Module

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

#### PCM | U110C | Stored | Lost Fuel Level Message

| NAME                            | VALUE | UNITS   |
|---------------------------------|-------|---------|
| Number of DTC                   | 0     |         |
| DTC                             |       |         |
| DTC Readiness Flag              |       |         |
| DTC Storage State               |       |         |
| Warning Indicator Request State |       |         |
| Odometer                        |       | miles   |
| Accumulation Timer              |       | minutes |
| Ignition Key Cycles             |       |         |

Starts Since Set Counter

Key Cycles Since DTC Last Set Counter

Warm Up Cycles

Good Trip Counter

**PCM | U1110 | Stored | Lost Vehicle Speed Message**

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

**PCM | U1120 | Stored | Lost Wheel Distance Message**

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

**PCM | U110A | Stored | Lost Communication With SCM - CAN-C**

| NAME                            | VALUE | UNITS   |
|---------------------------------|-------|---------|
| Number of DTC                   | 0     |         |
| DTC                             |       |         |
| DTC Readiness Flag              |       |         |
| DTC Storage State               |       |         |
| Warning Indicator Request State |       |         |
| Odometer                        |       | miles   |
| Accumulation Timer              |       | minutes |

|                                       |  |  |
|---------------------------------------|--|--|
| Ignition Key Cycles                   |  |  |
| Starts Since Set Counter              |  |  |
| Key Cycles Since DTC Last Set Counter |  |  |
| Warm Up Cycles                        |  |  |
| Good Trip Counter                     |  |  |

**PCM | U1186 | Stored | Lost ACC Torque Message**

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

**PCM | U1199 | Stored | Lost Hood Ajar Switch Voltage Message**

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

**PCM | U0140 | Stored | Lost Communication With Body Control Module**

| NAME                            | VALUE | UNITS |
|---------------------------------|-------|-------|
| Number of DTC                   | 0     |       |
| DTC                             |       |       |
| DTC Readiness Flag              |       |       |
| DTC Storage State               |       |       |
| Warning Indicator Request State |       |       |
| Odometer                        |       | miles |

|                                       |  |         |
|---------------------------------------|--|---------|
| Accumulation Timer                    |  | minutes |
| Ignition Key Cycles                   |  |         |
| Starts Since Set Counter              |  |         |
| Key Cycles Since DTC Last Set Counter |  |         |
| Warm Up Cycles                        |  |         |
| Good Trip Counter                     |  |         |

**PCM | U1141 | Stored | Lost Brake and Torque Messages**

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

**PCM | U11BC | Stored | Lost Brake Switch Message**

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

**PCM | U11C2 | Stored | Implausible/Missing Transmission Message**

| NAME                            | VALUE | UNITS |
|---------------------------------|-------|-------|
| Number of DTC                   | 0     |       |
| DTC                             |       |       |
| DTC Readiness Flag              |       |       |
| DTC Storage State               |       |       |
| Warning Indicator Request State |       |       |

|                                       |  |         |
|---------------------------------------|--|---------|
| Odometer                              |  | miles   |
| Accumulation Timer                    |  | minutes |
| Ignition Key Cycles                   |  |         |
| Starts Since Set Counter              |  |         |
| Key Cycles Since DTC Last Set Counter |  |         |
| Warm Up Cycles                        |  |         |
| Good Trip Counter                     |  |         |

**PCM | U017E | Stored | Lost Communication with Seatbelt Sensor 1**

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

**PCM | B25C7 | Stored | Driver Door Ajar Switch 2 Circuit Low**

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

**PCM | P04CA | Stored | Fuel Fill Door Open Request Sensor/Switch Circuit Low**

| NAME               | VALUE | UNITS |
|--------------------|-------|-------|
| Number of DTC      | 0     |       |
| DTC                |       |       |
| DTC Readiness Flag |       |       |
| DTC Storage State  |       |       |

## Warning Indicator Request State

|                                       |  |         |
|---------------------------------------|--|---------|
| Odometer                              |  | miles   |
| Accumulation Timer                    |  | minutes |
| Ignition Key Cycles                   |  |         |
| Starts Since Set Counter              |  |         |
| Key Cycles Since DTC Last Set Counter |  |         |
| Warm Up Cycles                        |  |         |
| Good Trip Counter                     |  |         |

## PCM | U0212 | Pending | Lost Communication With SCM

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

## RFH | U0001-00 | Stored | CAN C Bus-

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | False |       |
| Test Not Completed This Operation Cycle | True  |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 3     |       |
| Ignition Cycle Counter                  | 9     |       |

## RFH | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

| NAME        | VALUE | UNITS |
|-------------|-------|-------|
| Test Failed | False |       |

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | False |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 6     |       |

**RFH | U0103-00 | Stored | Lost Communication With Electric Gear Shift Module-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | False |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 6     |       |

**RFH | U0155-00 | Stored | Lost Communication With Cluster/CCN-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | False |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |

|                            |      |       |
|----------------------------|------|-------|
| Most Recent Odometer Value | 7993 | miles |
| Frequency Counter          | 1    |       |
| Ignition Cycle Counter     | 6    |       |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | False |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 6     |       |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | False |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 6     |       |

**ESM | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-**

| NAME                             | VALUE    | UNITS |
|----------------------------------|----------|-------|
| DTC                              | C2 93 00 |       |
| Test Failed                      | False    |       |
| Test Failed This Operation Cycle | False    |       |
| Pending DTC                      | False    |       |

|                                         |              |       |
|-----------------------------------------|--------------|-------|
| Confirmed DTC                           | True         |       |
| Test Not Completed Since Last Clear     | False        |       |
| Test Failed Since Last Clear            | True         |       |
| Test Not Completed This Operation Cycle | False        |       |
| Warning Indicator Requested             | False        |       |
| Occurrence flag                         | Occurrence   |       |
| Original Odometer Value                 | 7993         | miles |
| Most Recent Odometer Value              | 7993         | miles |
| Frequency Counter                       | 1            |       |
| Ignition Cycle Counter                  | 7            |       |
| Ignition Status                         | Ignition Run |       |
| Operating Voltage                       | 14.5         | Volts |
| Operation Time                          | 30274        | Min   |

**ORC | U0001-00 | Stored | CAN C Bus-**

| NAME                                    | VALUE                                  | UNITS |
|-----------------------------------------|----------------------------------------|-------|
| Test Failed                             | False                                  |       |
| Test Failed This Operation Cycle        | False                                  |       |
| Pending DTC                             | False                                  |       |
| Confirmed DTC                           | True                                   |       |
| Test Not Completed Since Last Clear     | False                                  |       |
| Test Failed Since Last Clear            | True                                   |       |
| Test Not Completed This Operation Cycle | False                                  |       |
| Warning Indicator Requested             | False                                  |       |
| Occurrence flag                         | ERROR                                  |       |
| Original Odometer Value                 | 7993                                   | miles |
| Most Recent Odometer Value              | Odometer value not available / Default | miles |
| Frequency Counter                       | 6                                      |       |
| Operation Cycle Counter                 | 6                                      |       |
| DTC Extended Data Record Number - All   | FF                                     |       |

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

| NAME                                    | VALUE                                  | UNITS |
|-----------------------------------------|----------------------------------------|-------|
| Test Failed                             | False                                  |       |
| Test Failed This Operation Cycle        | False                                  |       |
| Pending DTC                             | False                                  |       |
| Confirmed DTC                           | True                                   |       |
| Test Not Completed Since Last Clear     | False                                  |       |
| Test Failed Since Last Clear            | True                                   |       |
| Test Not Completed This Operation Cycle | False                                  |       |
| Warning Indicator Requested             | False                                  |       |
| Occurrence flag                         | ERROR                                  |       |
| Original Odometer Value                 | Odometer value not available / Default | miles |
| Most Recent Odometer Value              | 7993                                   | miles |

|                                       |    |  |
|---------------------------------------|----|--|
| Frequency Counter                     | 3  |  |
| Operation Cycle Counter               | 6  |  |
| DTC Extended Data Record Number - All | FF |  |

**EPS | 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    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 7993     | miles  |
| Most Recent Odometer Value                                                                       | 7993     | miles  |
| Frequency Counter                                                                                | 2        |        |
| Ignition Cycle Counter                                                                           | 6        |        |
| Supplier Internal Fault Code                                                                     | 00 17 00 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 0.000    | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -2.07    | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.00    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 14.60    | V      |
| EPS Steering Wheel Torque                                                                        | -0.1440  | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 41.6     | °F     |
| CAN Battery Voltage                                                                              | 14.7     | Volts  |

**EPS | U0101-00 | Stored | Lost Communication with TCM-**

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 01 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| Occurrence flag                         | ERROR    |       |
| Original Odometer Value                 | 7993     | miles |
| Most Recent Odometer Value              | 7993     | miles |

|                                                                                                  |          |        |
|--------------------------------------------------------------------------------------------------|----------|--------|
| Frequency Counter                                                                                | 2        |        |
| Ignition Cycle Counter                                                                           | 6        |        |
| Supplier Internal Fault Code                                                                     | 01 A9 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 62.137   | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -5.80    | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.04    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 11.66    | V      |
| EPS Steering Wheel Torque                                                                        | 0.1440   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 41.6     | °F     |
| CAN Battery Voltage                                                                              | 11.8     | Volts  |

#### EPS | U148D-00 | Stored | Implausible Data Received from Forward Facing Camera-

| NAME                                                                                             | VALUE    | UNITS  |
|--------------------------------------------------------------------------------------------------|----------|--------|
| DTC                                                                                              | D4 8D 00 |        |
| Test Failed                                                                                      | False    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 7993     | miles  |
| Most Recent Odometer Value                                                                       | 7993     | miles  |
| Frequency Counter                                                                                | 5        |        |
| Ignition Cycle Counter                                                                           | 12       |        |
| Supplier Internal Fault Code                                                                     | 01 90 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 62.137   | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -6.55    | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.04    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 11.89    | V      |
| EPS Steering Wheel Torque                                                                        | 0.6914   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 48.0     | °F     |
| CAN Battery Voltage                                                                              | 12.0     | Volts  |

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

| NAME                             | VALUE    | UNITS |
|----------------------------------|----------|-------|
| DTC                              | D2 15 00 |       |
| Test Failed                      | False    |       |
| Test Failed This Operation Cycle | False    |       |
| Pending DTC                      | False    |       |

|                                                                                                  |          |        |
|--------------------------------------------------------------------------------------------------|----------|--------|
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 7993     | miles  |
| Most Recent Odometer Value                                                                       | 7993     | miles  |
| Frequency Counter                                                                                | 10       |        |
| Ignition Cycle Counter                                                                           | 12       |        |
| Supplier Internal Fault Code                                                                     | 01 91 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 62.137   | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -6.55    | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.04    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 11.89    | V      |
| EPS Steering Wheel Torque                                                                        | 0.6971   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 48.0     | °F     |
| CAN Battery Voltage                                                                              | 12.0     | Volts  |

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

| NAME                                                                                             | VALUE    | UNITS  |
|--------------------------------------------------------------------------------------------------|----------|--------|
| DTC                                                                                              | C1 59 00 |        |
| Test Failed                                                                                      | False    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 7993     | miles  |
| Most Recent Odometer Value                                                                       | 7993     | miles  |
| Frequency Counter                                                                                | 4        |        |
| Ignition Cycle Counter                                                                           | 12       |        |
| Supplier Internal Fault Code                                                                     | 01 99 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 62.137   | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -6.72    | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.00    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 11.91    | V      |
| EPS Steering Wheel Torque                                                                        | 0.7202   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 47.9     | °F     |

CAN Battery Voltage

11.9

Volts

**EPS | U0121-00 | Stored | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-**

| NAME                                                                                             | VALUE    | UNITS  |
|--------------------------------------------------------------------------------------------------|----------|--------|
| DTC                                                                                              | C1 21 00 |        |
| Test Failed                                                                                      | False    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 7993     | miles  |
| Most Recent Odometer Value                                                                       | 7993     | miles  |
| Frequency Counter                                                                                | 2        |        |
| Ignition Cycle Counter                                                                           | 12       |        |
| Supplier Internal Fault Code                                                                     | 01 41 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 19.573   | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -6.59    | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.04    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 11.87    | V      |
| EPS Steering Wheel Torque                                                                        | 0.3342   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 47.8     | °F     |
| CAN Battery Voltage                                                                              | 14.6     | Volts  |

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

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 00 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| Occurrence flag                         | ERROR    |       |
| Original Odometer Value                 | 7993     | miles |
| Most Recent Odometer Value              | 7993     | miles |
| Frequency Counter                       | 1        |       |
| Ignition Cycle Counter                  | 12       |       |

|                                                                                                  |          |        |
|--------------------------------------------------------------------------------------------------|----------|--------|
| Supplier Internal Fault Code                                                                     | 01 A1 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 19.573   | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -2.46    | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.48    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 14.49    | V      |
| EPS Steering Wheel Torque                                                                        | 1.0428   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 47.8     | °F     |
| CAN Battery Voltage                                                                              | 14.6     | Volts  |

#### EPS | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

| NAME                                                                                             | VALUE    | UNITS  |
|--------------------------------------------------------------------------------------------------|----------|--------|
| DTC                                                                                              | C2 93 00 |        |
| Test Failed                                                                                      | False    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 7993     | miles  |
| Most Recent Odometer Value                                                                       | 7993     | miles  |
| Frequency Counter                                                                                | 1        |        |
| Ignition Cycle Counter                                                                           | 12       |        |
| Supplier Internal Fault Code                                                                     | 01 E0 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 19.573   | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | -0.31    | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.35    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 14.51    | V      |
| EPS Steering Wheel Torque                                                                        | 0.9622   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 47.8     | °F     |
| CAN Battery Voltage                                                                              | 14.6     | Volts  |

#### EPS | U0155-00 | Stored | Lost Communication With Cluster/CCN-

| NAME                                | VALUE    | UNITS |
|-------------------------------------|----------|-------|
| DTC                                 | C1 55 00 |       |
| Test Failed                         | False    |       |
| Test Failed This Operation Cycle    | False    |       |
| Pending DTC                         | False    |       |
| Confirmed DTC                       | True     |       |
| Test Not Completed Since Last Clear | False    |       |

|                                                                                                  |          |        |
|--------------------------------------------------------------------------------------------------|----------|--------|
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 7993     | miles  |
| Most Recent Odometer Value                                                                       | 7993     | miles  |
| Frequency Counter                                                                                | 1        |        |
| Ignition Cycle Counter                                                                           | 12       |        |
| Supplier Internal Fault Code                                                                     | 01 59 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 19.573   | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | 3.56     | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.09    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 14.50    | V      |
| EPS Steering Wheel Torque                                                                        | 0.8412   | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 47.8     | °F     |
| CAN Battery Voltage                                                                              | 14.6     | Volts  |

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

| NAME                                                                                             | VALUE    | UNITS  |
|--------------------------------------------------------------------------------------------------|----------|--------|
| DTC                                                                                              | C1 40 00 |        |
| Test Failed                                                                                      | False    |        |
| Test Failed This Operation Cycle                                                                 | False    |        |
| Pending DTC                                                                                      | False    |        |
| Confirmed DTC                                                                                    | True     |        |
| Test Not Completed Since Last Clear                                                              | False    |        |
| Test Failed Since Last Clear                                                                     | True     |        |
| Test Not Completed This Operation Cycle                                                          | False    |        |
| Warning Indicator Requested                                                                      | False    |        |
| Occurrence flag                                                                                  | ERROR    |        |
| Original Odometer Value                                                                          | 7993     | miles  |
| Most Recent Odometer Value                                                                       | 7993     | miles  |
| Frequency Counter                                                                                | 1        |        |
| Ignition Cycle Counter                                                                           | 12       |        |
| Supplier Internal Fault Code                                                                     | 01 69 01 |        |
| EPS Internal Filtered Vehicle Speed                                                              | 19.573   | MPH    |
| EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock) | 12.26    | Deg    |
| EPS Steering Wheel Velocity                                                                      | -0.00    | deg/s  |
| EPS System Current Draw                                                                          | 0        | A      |
| EPS Measured Module Voltage                                                                      | 14.49    | V      |
| EPS Steering Wheel Torque                                                                        | -0.3687  | Ft-Lbs |
| EPS Measured Module Temperature                                                                  | 47.7     | °F     |
| CAN Battery Voltage                                                                              | 14.6     | Volts  |

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

| NAME                                    | VALUE                                  | UNITS |
|-----------------------------------------|----------------------------------------|-------|
| Test Failed                             | False                                  |       |
| Test Failed This Operation Cycle        | False                                  |       |
| Pending DTC                             | False                                  |       |
| Confirmed DTC                           | True                                   |       |
| Test Not Completed Since Last Clear     | False                                  |       |
| Test Failed Since Last Clear            | True                                   |       |
| Test Not Completed This Operation Cycle | False                                  |       |
| Warning Indicator Requested             | False                                  |       |
| Occurrence flag                         | ERROR                                  |       |
| Original Odometer Value                 | 7993                                   | miles |
| Most Recent Odometer Value              | Odometer value not available / Default | miles |
| Frequency Counter                       | 2                                      |       |
| Ignition Cycle Counter                  | 6                                      |       |

**PSDML | U0422-00 | Stored | Implausible Data Received From Body Control Module-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | FF    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 2     |       |
| Ignition Cycle Counter                  | 6     |       |

**PSDMR | U0422-00 | Stored | Implausible Data Received From Body Control Module-**

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

|                            |       |       |
|----------------------------|-------|-------|
| Occurrence flag            | ERROR |       |
| Original Odometer Value    | 7993  | miles |
| Most Recent Odometer Value | 7993  | miles |
| Frequency Counter          | 2     |       |
| Ignition Cycle Counter     | 6     |       |

**IPC | U0001-00 | Stored | CAN C Bus-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | FF         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 7993       | miles |
| Most Recent Odometer Value              | 7993       | miles |
| Frequency Counter                       | 3          |       |
| Ignition Cycle Counter                  | 6          |       |

**PTS | U0002-00 | Stored | CAN C Bus Off Performance-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | C0 02 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 03         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 0          | miles |
| Most Recent Odometer Value              | 7993       | miles |
| Frequency Counter                       | 4          |       |
| DC/DC Converter Voltage                 | 01         | Volt  |

**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      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 03         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 0          | miles |
| Most Recent Odometer Value              | 7993       | miles |
| Frequency Counter                       | 1          |       |
| DC/DC Converter Voltage                 | 01         | Volt  |

**PTS | U0429-00 | Stored | Implausible Data Received from Steering Column Control Module-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | C4 29 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 03         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 7993       | miles |
| Most Recent Odometer Value              | 7993       | miles |
| Frequency Counter                       | 1          |       |
| DC/DC Converter Voltage                 | 86         | Volt  |

**SCCM | U0001-00 | Stored | CAN C Bus-**

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C0 01 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |

|                                       |              |       |
|---------------------------------------|--------------|-------|
| DTC Extended Data Record Number - All | 01           |       |
| Occurrence flag                       | ERROR        |       |
| Original Odometer Value               | 7874         | miles |
| Most Recent Odometer Value            | 7993         | miles |
| Frequency Counter                     | 255          |       |
| Ignition Cycle Counter                | 6            |       |
| DTC Extended Data Record Number - 2   | 02           |       |
| Ignition Status                       | Ignition Run |       |
| Operating Voltage                     | 14.8         | Volts |
| Sub-Faults Saved                      | 00 00        |       |
| Sub-Faults Active                     | 00 01        |       |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 2     |       |
| Ignition Cycle Counter                  | 6     |       |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 3     |       |

Ignition Cycle Counter

6

**BCM | U11B9-00 | Stored | Lost Communication with RF Hub-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 2     |       |
| Ignition Cycle Counter                  | 6     |       |

**BCM | U0212-00 | Stored | Lost Communication With Steering Column Control Module-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 2     |       |
| Ignition Cycle Counter                  | 6     |       |

**BCM | U0155-00 | Stored | Lost Communication With Cluster/CCN-**

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

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 2     |       |
| Ignition Cycle Counter                  | 6     |       |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 6     |       |

#### BCM | U11E8-00 | Stored | Lost Communication with EPS Steering Torque Message-

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 6     |       |

#### BCM | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 2     |       |
| Ignition Cycle Counter                  | 6     |       |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 3     |       |
| Ignition Cycle Counter                  | 6     |       |

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

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

|                            |       |       |
|----------------------------|-------|-------|
| Occurrence flag            | ERROR |       |
| Original Odometer Value    | 7993  | miles |
| Most Recent Odometer Value | 7993  | miles |
| Frequency Counter          | 1     |       |
| Ignition Cycle Counter     | 6     |       |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 6     |       |

**BCM | U0002-00 | Stored | CAN C Bus Off Performance-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 11    |       |

**BCM | P0070-15 | Stored | Ambient Air Temperature Sensor Circuit-Circuit Short to Battery or Open**

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

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number - All   | 01    |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7904  | miles |
| Most Recent Odometer Value              | 7904  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 35    |       |

#### ACC | C2227-00 | Stored | ABS Disabled ECU-

| NAME                                    | VALUE   | UNITS  |
|-----------------------------------------|---------|--------|
| Test Failed                             | False   |        |
| Test Failed This Operation Cycle        | False   |        |
| Pending DTC                             | False   |        |
| Confirmed DTC                           | True    |        |
| Test Not Completed Since Last Clear     | False   |        |
| Test Failed Since Last Clear            | True    |        |
| Test Not Completed This Operation Cycle | False   |        |
| Warning Indicator Requested             | False   |        |
| Occurrence flag                         | ERROR   |        |
| Original Odometer Value                 | 7993    | miles  |
| Most Recent Odometer Value              | 7993    | miles  |
| Frequency Counter                       | 1       |        |
| Operation Cycle Counter                 | 4       |        |
| Vehicle Speed                           | 0       | MPH    |
| Engine RPM                              | 0       | rpm    |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| PRNDL Status                            | P range |        |
| Ignition Voltage                        | 14.5    |        |
| System Voltage                          | 14.7    | Volts  |

#### ACC | U0121-00 | Stored | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-

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

|                                         |         |        |
|-----------------------------------------|---------|--------|
| Test Failed Since Last Clear            | True    |        |
| Test Not Completed This Operation Cycle | True    |        |
| Warning Indicator Requested             | False   |        |
| Occurrence flag                         | ERROR   |        |
| Original Odometer Value                 | 7993    | miles  |
| Most Recent Odometer Value              | 7993    | miles  |
| Frequency Counter                       | 5       |        |
| Operation Cycle Counter                 | 5       |        |
| Vehicle Speed                           | 0       | MPH    |
| Engine RPM                              | 0       | rpm    |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| PRNDL Status                            | N range |        |
| Ignition Voltage                        | 14.5    |        |
| System Voltage                          | 14.6    | Volts  |

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

| NAME                                    | VALUE   | UNITS  |
|-----------------------------------------|---------|--------|
| Test Failed                             | False   |        |
| Test Failed This Operation Cycle        | False   |        |
| Pending DTC                             | False   |        |
| Confirmed DTC                           | True    |        |
| Test Not Completed Since Last Clear     | False   |        |
| Test Failed Since Last Clear            | True    |        |
| Test Not Completed This Operation Cycle | True    |        |
| Warning Indicator Requested             | False   |        |
| Occurrence flag                         | ERROR   |        |
| Original Odometer Value                 | 7993    | miles  |
| Most Recent Odometer Value              | 7993    | miles  |
| Frequency Counter                       | 4       |        |
| Operation Cycle Counter                 | 5       |        |
| Vehicle Speed                           | 0       | MPH    |
| Engine RPM                              | 0       | rpm    |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| PRNDL Status                            | N range |        |
| Ignition Voltage                        | 14.4    |        |
| System Voltage                          | 14.8    | Volts  |

#### ACC | U110A-00 | Stored | Lost Communication With SCM - CAN-C-

| NAME        | VALUE | UNITS |
|-------------|-------|-------|
| Test Failed | False |       |

|                                         |         |        |
|-----------------------------------------|---------|--------|
| Test Failed This Operation Cycle        | False   |        |
| Pending DTC                             | False   |        |
| Confirmed DTC                           | True    |        |
| Test Not Completed Since Last Clear     | False   |        |
| Test Failed Since Last Clear            | True    |        |
| Test Not Completed This Operation Cycle | False   |        |
| Warning Indicator Requested             | False   |        |
| Occurrence flag                         | ERROR   |        |
| Original Odometer Value                 | 7993    | miles  |
| Most Recent Odometer Value              | 7993    | miles  |
| Frequency Counter                       | 3       |        |
| Operation Cycle Counter                 | 5       |        |
| Vehicle Speed                           | 0       | MPH    |
| Engine RPM                              | 0       | rpm    |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| PRNDL Status                            | N range |        |
| Ignition Voltage                        | 14.6    |        |
| System Voltage                          | 14.8    | Volts  |

#### ACC | U121E-00 | Stored | Lost Communication with Steering Wheel Cruise Control Switch-

| NAME                                    | VALUE   | UNITS  |
|-----------------------------------------|---------|--------|
| Test Failed                             | False   |        |
| Test Failed This Operation Cycle        | False   |        |
| Pending DTC                             | False   |        |
| Confirmed DTC                           | True    |        |
| Test Not Completed Since Last Clear     | False   |        |
| Test Failed Since Last Clear            | True    |        |
| Test Not Completed This Operation Cycle | False   |        |
| Warning Indicator Requested             | False   |        |
| Occurrence flag                         | ERROR   |        |
| Original Odometer Value                 | 7993    | miles  |
| Most Recent Odometer Value              | 7993    | miles  |
| Frequency Counter                       | 3       |        |
| Operation Cycle Counter                 | 5       |        |
| Vehicle Speed                           | 0       | MPH    |
| Engine RPM                              | 0       | rpm    |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| PRNDL Status                            | N range |        |
| Ignition Voltage                        | 14.6    |        |
| System Voltage                          | 14.7    | Volts  |

**ACC | U0401-00 | Stored | Implausible Data Received From ECM/PCM "A"-**

| NAME                                    | VALUE   | UNITS  |
|-----------------------------------------|---------|--------|
| Test Failed                             | False   |        |
| Test Failed This Operation Cycle        | False   |        |
| Pending DTC                             | False   |        |
| Confirmed DTC                           | True    |        |
| Test Not Completed Since Last Clear     | False   |        |
| Test Failed Since Last Clear            | True    |        |
| Test Not Completed This Operation Cycle | True    |        |
| Warning Indicator Requested             | True    |        |
| Occurrence flag                         | ERROR   |        |
| Original Odometer Value                 | 7993    | miles  |
| Most Recent Odometer Value              | 7993    | miles  |
| Frequency Counter                       | 1       |        |
| Operation Cycle Counter                 | 4       |        |
| Vehicle Speed                           | 0       | MPH    |
| Engine RPM                              | 0       | rpm    |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| PRNDL Status                            | N range |        |
| Ignition Voltage                        | 14.5    |        |
| System Voltage                          | 14.7    | Volts  |

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

| NAME                                    | VALUE | UNITS  |
|-----------------------------------------|-------|--------|
| Test Failed                             | False |        |
| Test Failed This Operation Cycle        | False |        |
| Pending DTC                             | False |        |
| Confirmed DTC                           | True  |        |
| Test Not Completed Since Last Clear     | False |        |
| Test Failed Since Last Clear            | True  |        |
| Test Not Completed This Operation Cycle | False |        |
| Warning Indicator Requested             | False |        |
| Occurrence flag                         | ERROR |        |
| Original Odometer Value                 | 7993  | miles  |
| Most Recent Odometer Value              | 7993  | miles  |
| Frequency Counter                       | 7     |        |
| Operation Cycle Counter                 | 5     |        |
| Vehicle Speed                           | 0     | MPH    |
| Engine RPM                              | 0     | rpm    |
| ACC Set Speed                           | 0     | MPH    |
| Object of Interest Distance             | 830   | FEET   |
| Engine Torque Request                   | SNA   | Ft-Lbs |

|                  |         |       |
|------------------|---------|-------|
| PRNDL Status     | N range |       |
| Ignition Voltage | 14.6    |       |
| System Voltage   | 14.8    | Volts |

**ACC | U0415-00 | Stored | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-**

| NAME                                    | VALUE   | UNITS  |
|-----------------------------------------|---------|--------|
| Test Failed                             | False   |        |
| Test Failed This Operation Cycle        | False   |        |
| Pending DTC                             | False   |        |
| Confirmed DTC                           | True    |        |
| Test Not Completed Since Last Clear     | False   |        |
| Test Failed Since Last Clear            | True    |        |
| Test Not Completed This Operation Cycle | True    |        |
| Warning Indicator Requested             | True    |        |
| Occurrence flag                         | ERROR   |        |
| Original Odometer Value                 | 7993    | miles  |
| Most Recent Odometer Value              | 7993    | miles  |
| Frequency Counter                       | 2       |        |
| Operation Cycle Counter                 | 4       |        |
| Vehicle Speed                           | 0       | MPH    |
| Engine RPM                              | 0       | rpm    |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| PRNDL Status                            | N range |        |
| Ignition Voltage                        | 11.4    |        |
| System Voltage                          | 11.6    | Volts  |

**ACC | C212A-84 | Stored | System Voltage-Signal Below Allowable Range**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 0          | miles |
| Most Recent Odometer Value              | 0          | miles |
| Frequency Counter                       | 1          |       |
| Operation Cycle Counter                 | 5          |       |
| Vehicle Speed                           | 0          | MPH   |

|                             |         |        |
|-----------------------------|---------|--------|
| Engine RPM                  | 0       | rpm    |
| ACC Set Speed               | 0       | MPH    |
| Object of Interest Distance | 830     | FEET   |
| Engine Torque Request       | SNA     | Ft-Lbs |
| PRNDL Status                | P range |        |
| Ignition Voltage            | 11.5    |        |
| System Voltage              | 5.0     | Volts  |

**ACC | U0002-00 | Stored | CAN C Bus Off Performance-**

| NAME                                    | VALUE   | UNITS  |
|-----------------------------------------|---------|--------|
| Test Failed                             | False   |        |
| Test Failed This Operation Cycle        | False   |        |
| Pending DTC                             | False   |        |
| Confirmed DTC                           | True    |        |
| Test Not Completed Since Last Clear     | False   |        |
| Test Failed Since Last Clear            | True    |        |
| Test Not Completed This Operation Cycle | False   |        |
| Warning Indicator Requested             | False   |        |
| Occurrence flag                         | ERROR   |        |
| Original Odometer Value                 | 7993    | miles  |
| Most Recent Odometer Value              | 0       | miles  |
| Frequency Counter                       | 2       |        |
| Operation Cycle Counter                 | 8       |        |
| Vehicle Speed                           | 0       | MPH    |
| Engine RPM                              | 0       | rpm    |
| ACC Set Speed                           | 0       | MPH    |
| Object of Interest Distance             | 830     | FEET   |
| Engine Torque Request                   | SNA     | Ft-Lbs |
| PRNDL Status                            | P range |        |
| Ignition Voltage                        | 12.7    |        |
| System Voltage                          | 5.0     | Volts  |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |

|                            |      |       |
|----------------------------|------|-------|
| Most Recent Odometer Value | 7993 | miles |
| Frequency Counter          | 3    |       |
| Ignition Cycle Counter     | 8    |       |

**OCM | B2206-00 | Stored | Current VIN Missing / Mismatch-**

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 7993  | miles |
| Most Recent Odometer Value              | 7993  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 8     |       |

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

| NAME                                    | VALUE                                  | UNITS |
|-----------------------------------------|----------------------------------------|-------|
| Test Failed                             | False                                  |       |
| Test Failed This Operation Cycle        | False                                  |       |
| Pending DTC                             | False                                  |       |
| Confirmed DTC                           | True                                   |       |
| Test Not Completed Since Last Clear     | False                                  |       |
| Test Failed Since Last Clear            | True                                   |       |
| Test Not Completed This Operation Cycle | False                                  |       |
| Warning Indicator Requested             | False                                  |       |
| DTC Extended Data Record Number - All   | 01                                     |       |
| Occurrence flag                         | Occurrence                             |       |
| Original Odometer Value                 | 7993                                   | miles |
| Most Recent Odometer Value              | Odometer value not available / Default | miles |
| Frequency Counter                       | 2                                      |       |
| Operation Cycle Counter                 | 5                                      |       |

**LBSS | U0422-00 | Stored | Implausible Data Received From Body Control Module-**

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

|                                         |                                        |       |
|-----------------------------------------|----------------------------------------|-------|
| Test Failed Since Last Clear            | True                                   |       |
| Test Not Completed This Operation Cycle | False                                  |       |
| Warning Indicator Requested             | False                                  |       |
| DTC Extended Data Record Number - All   | 01                                     |       |
| Occurrence flag                         | Occurrence                             |       |
| Original Odometer Value                 | 7993                                   | miles |
| Most Recent Odometer Value              | Odometer value not available / Default | miles |
| Frequency Counter                       | 2                                      |       |
| Operation Cycle Counter                 | 5                                      |       |

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

| NAME                                        | VALUE                                  | UNITS |
|---------------------------------------------|----------------------------------------|-------|
| DTC                                         | C1 40 00                               |       |
| Test Failed                                 | False                                  |       |
| Test Failed This Operation Cycle            | False                                  |       |
| Pending DTC                                 | False                                  |       |
| Confirmed DTC                               | True                                   |       |
| Test Not Completed Since Last Clear         | False                                  |       |
| Test Failed Since Last Clear                | True                                   |       |
| Test Not Completed This Operation Cycle     | False                                  |       |
| Warning Indicator Requested                 | False                                  |       |
| DTC Extended Data Record Number - All       | 01                                     |       |
| Occurrence flag                             | Occurrence                             |       |
| Original Odometer Value                     | 7993                                   | miles |
| Most Recent Odometer Value                  | Odometer value not available / Default | miles |
| Frequency Counter                           | 2                                      |       |
| Operation Cycle Counter                     | 5                                      |       |
| DTC Extended Data Record Number - Record #2 | 02                                     |       |
| Vehicle Line                                | Correct                                |       |
| Vehicle Config Stat                         | OK                                     |       |
| Model Year                                  | Correct                                |       |
| Country Code                                | Correct                                |       |
| BSS Desired Operating Mode                  | BSM                                    |       |
| BSS Current Operating Mode                  | Init                                   |       |

**RBSS | U0422-00 | Stored | Implausible Data Received From Body Control Module-**

| NAME                                | VALUE    | UNITS |
|-------------------------------------|----------|-------|
| DTC                                 | C4 22 00 |       |
| Test Failed                         | False    |       |
| Test Failed This Operation Cycle    | False    |       |
| Pending DTC                         | False    |       |
| Confirmed DTC                       | True     |       |
| Test Not Completed Since Last Clear | False    |       |
| Test Failed Since Last Clear        | True     |       |

|                                             |                                        |       |
|---------------------------------------------|----------------------------------------|-------|
| Test Not Completed This Operation Cycle     | False                                  |       |
| Warning Indicator Requested                 | False                                  |       |
| DTC Extended Data Record Number - All       | 01                                     |       |
| Occurrence flag                             | Occurrence                             |       |
| Original Odometer Value                     | 7993                                   | miles |
| Most Recent Odometer Value                  | Odometer value not available / Default | miles |
| Frequency Counter                           | 2                                      |       |
| Operation Cycle Counter                     | 5                                      |       |
| DTC Extended Data Record Number - Record #2 | 02                                     |       |
| Vehicle Line                                | Correct                                |       |
| Vehicle Config Stat                         | OK                                     |       |
| Model Year                                  | Correct                                |       |
| Country Code                                | Correct                                |       |
| BSS Desired Operating Mode                  | BSM                                    |       |
| BSS Current Operating Mode                  | BSM                                    |       |

#### HCP | P0513-00 | Stored | Invalid SKIM Key-

| NAME                                    | VALUE            | UNITS |
|-----------------------------------------|------------------|-------|
| DTC                                     | 05 13 00         |       |
| Test Failed                             | False            |       |
| Test Failed This Operation Cycle        | False            |       |
| Pending DTC                             | False            |       |
| Confirmed DTC                           | True             |       |
| Test Not Completed Since Last Clear     | False            |       |
| Test Failed Since Last Clear            | True             |       |
| Test Not Completed This Operation Cycle | False            |       |
| Warning Indicator Requested             | False            |       |
| Occurrence flag                         | Occurrence       |       |
| Original Odometer Value                 | 8002.4           | miles |
| Most Recent Odometer Value              | 8002.4           | miles |
| Frequency Counter                       | 1                |       |
| Ignition Cycle Counter                  | 0                |       |
| Real time clock                         | 25301240         | sec   |
| RAM stamps keyOn                        | 0                | sec   |
| RAM Stamps                              | 139940           | Min   |
| Accelerator Pedal Position              | 0                | %     |
| Brake Switch Status                     | Not Applied      |       |
| Engine Speed                            | 0                | rpm   |
| HV Battery SOC                          | 26               | %     |
| Ignition State                          | Ignition Off/ACC |       |
| PRND Position Display                   | P                |       |
| Propulsion System Active                | False            |       |
| Vehicle Speed                           | 0.0000           | MPH   |
| Motor A Temp Sensor                     | 64               | °F    |

|                                      |                          |        |
|--------------------------------------|--------------------------|--------|
| Motor B Temp Sensor                  | 64                       | °F     |
| Barometric Pressure                  | 15                       | PSI    |
| Engine Coolant Temperature           | 129                      | °F     |
| Internal EPS Voltage Sense A         | 8.208                    | Volts  |
| Internal EPS Voltage Sense B         | 8.064                    | Volts  |
| Motor A Torque                       | 0.000                    | Ft-Lbs |
| Motor B Torque                       | 0.000                    | Ft-Lbs |
| Actual Torque - Motor A              | 0.000                    | Ft-Lbs |
| Actual Torque - Motor B              | 0.000                    | Ft-Lbs |
| Available Motor Torque - Motor A     | 93.658                   | Ft-Lbs |
| Available Motor Torque - Motor B     | 221.239                  | Ft-Lbs |
| Available Regen Torque - Motor A     | -93.658                  | Ft-Lbs |
| Available Regen Torque - Motor B     | -221.239                 | Ft-Lbs |
| Commanded Torque - Motor A           | 0.000                    | Ft-Lbs |
| Commanded Torque - Motor B           | 0.000                    | Ft-Lbs |
| Motor A - Inverter Current - phase A | -4                       | AMP    |
| Motor A - Inverter Current - phase B | -4                       | AMP    |
| Motor A - Inverter Current - phase C | -4                       | AMP    |
| Motor B - Inverter Current - phase A | 0                        | AMP    |
| Motor B - Inverter Current - phase B | 0                        | AMP    |
| Motor B - Inverter Current - phase C | -4                       | AMP    |
| Motor B Resolver Angle               | 148                      | Degree |
| Motor A Resolver Angle               | 134                      | Degree |
| Electric Motor A Speed               | 0.0                      | rpm    |
| Electric Motor B Speed               | 0.0                      | rpm    |
| PIM DC Link Voltage - A              | 389                      | Volts  |
| PIM DC Link Voltage - B              | 389                      | Volts  |
| HCP ePT Wake-Up Output               | On                       |        |
| CBC Wake-Up Input                    | On                       |        |
| HCP System Shutdown Command          | Default                  |        |
| HV Battery Voltage from BPCM         | 389.30                   | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP___ |        |
| HCP SW Version                       | 21B                      |        |
| EPT LOC Diag Enable                  | Disable LOC Daignostic   |        |
| HV Contactor Status                  | Closed                   |        |
| APM Status                           | Buck CV                  |        |
| Impact Event                         | False                    |        |
| Outside Air Temperature              | 37.4                     | °F     |
| OBCM Operating Mode                  | UTC                      |        |
| J1772 Prox Detected State            | Prox Out                 |        |
| HV Battery Sleep Time                | 0                        | Days   |
| Battery Feed Voltage 1 Sense         | 12.168                   | Volts  |
| Battery Feed Voltage 2 Sense         | 12.096                   | Volts  |
| Battery Feed Voltage 3 Sense         | 12.024                   | Volts  |

| Hybrid System State                     | High Voltage Enabled |         |
|-----------------------------------------|----------------------|---------|
| Inverter A IGBT Temperature for phase A | 52                   | °F      |
| Inverter A IGBT Temperature for phase B | 52                   | °F      |
| Inverter A IGBT Temperature for phase C | 52                   | °F      |
| Inverter B IGBT Temperature for phase A | 52                   | °F      |
| Inverter B IGBT Temperature for phase B | 52                   | °F      |
| Inverter B IGBT Temperature for phase C | 52                   | °F      |
| PHEV Charging Status                    | No Charging          |         |
| 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 - Minutes                      | 0                    |         |
| UTC Time - Seconds                      | 2                    | seconds |
| ECU Time - Milliseconds                 | 206                  | ms      |

#### HCP | U0001-00 | Stored | CAN C Bus-

| NAME                                    | VALUE       | UNITS |
|-----------------------------------------|-------------|-------|
| DTC                                     | C0 01 00    |       |
| Test Failed                             | False       |       |
| Test Failed This Operation Cycle        | False       |       |
| Pending DTC                             | False       |       |
| Confirmed DTC                           | True        |       |
| Test Not Completed Since Last Clear     | False       |       |
| Test Failed Since Last Clear            | True        |       |
| Test Not Completed This Operation Cycle | False       |       |
| Warning Indicator Requested             | True        |       |
| Occurrence flag                         | Occurrence  |       |
| Original Odometer Value                 | 8002.4      | miles |
| Most Recent Odometer Value              | 8002.4      | miles |
| Frequency Counter                       | 7           |       |
| Ignition Cycle Counter                  | 0           |       |
| Real time clock                         | 25309810    | sec   |
| RAM stamps keyOn                        | 285         | sec   |
| RAM Stamps                              | 139960      | Min   |
| Accelerator Pedal Position              | 0           | %     |
| Brake Switch Status                     | Not Applied |       |
| Engine Speed                            | 0           | rpm   |
| HV Battery SOC                          | 85          | %     |
| Ignition State                          | Reserved    |       |
| PRND Position Display                   | P           |       |
| Propulsion System Active                | False       |       |
| Vehicle Speed                           | 0.0000      | MPH   |

|                                      |                         |        |
|--------------------------------------|-------------------------|--------|
| Motor A Temp Sensor                  | 57                      | °F     |
| Motor B Temp Sensor                  | 55                      | °F     |
| Barometric Pressure                  | 15                      | PSI    |
| Engine Coolant Temperature           | 70                      | °F     |
| Internal EPS Voltage Sense A         | 8.208                   | Volts  |
| Internal EPS Voltage Sense B         | 8.064                   | Volts  |
| Motor A Torque                       | 0.000                   | Ft-Lbs |
| Motor B Torque                       | 0.000                   | Ft-Lbs |
| Actual Torque - Motor A              | 0.000                   | Ft-Lbs |
| Actual Torque - Motor B              | 0.000                   | Ft-Lbs |
| Available Motor Torque - Motor A     | 87.205                  | Ft-Lbs |
| Available Motor Torque - Motor B     | 232.301                 | Ft-Lbs |
| Available Regen Torque - Motor A     | -87.205                 | Ft-Lbs |
| Available Regen Torque - Motor B     | -232.301                | Ft-Lbs |
| Commanded Torque - Motor A           | 0.000                   | Ft-Lbs |
| Commanded Torque - Motor B           | 0.000                   | Ft-Lbs |
| Motor A - Inverter Current - phase A | 0                       | AMP    |
| Motor A - 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 B | 0                       | AMP    |
| Motor B - Inverter Current - phase C | -4                      | AMP    |
| Motor B Resolver Angle               | 118                     | Degree |
| Motor A Resolver Angle               | 214                     | Degree |
| Electric Motor A Speed               | 0.0                     | rpm    |
| Electric Motor B Speed               | 0.0                     | rpm    |
| PIM DC Link Voltage - A              | 390                     | Volts  |
| PIM DC Link Voltage - B              | 390                     | Volts  |
| HCP ePT Wake-Up Output               | On                      |        |
| CBC Wake-Up Input                    | On                      |        |
| HCP System Shutdown Command          | Default                 |        |
| HV Battery Voltage from BPCM         | 389.90                  | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP__ |        |
| HCP SW Version                       | 21B                     |        |
| EPT LOC Diag Enable                  | Enable LOC Diagnostic   |        |
| HV Contactor Status                  | Closed                  |        |
| APM Status                           | Idle                    |        |
| Impact Event                         | False                   |        |
| Outside Air Temperature              | 37.4                    | °F     |
| OBCM Operating Mode                  | UTC                     |        |
| J1772 Prox Detected State            | Prox Out                |        |
| HV Battery Sleep Time                | 0                       | Days   |
| Battery Feed Voltage 1 Sense         | 11.664                  | Volts  |
| Battery Feed Voltage 2 Sense         | 11.664                  | Volts  |

|                                         |                      |         |
|-----------------------------------------|----------------------|---------|
| Battery Feed Voltage 3 Sense            | 11.592               | Volts   |
| Hybrid System State                     | High Voltage Enabled |         |
| Inverter A IGBT Temperature for phase A | 63                   | °F      |
| Inverter A IGBT Temperature for phase B | 63                   | °F      |
| Inverter A IGBT Temperature for phase C | 63                   | °F      |
| Inverter B IGBT Temperature for phase A | 63                   | °F      |
| Inverter B IGBT Temperature for phase B | 63                   | °F      |
| Inverter B IGBT Temperature for phase C | 63                   | °F      |
| PHEV Charging Status                    | No Charging          |         |
| Distance Travelled with Light ON        | 0                    | miles   |
| GPS Date - Year                         | 2022                 | Year    |
| GPS Date - Month                        | 1                    |         |
| GPS Date - Day                          | 4                    | Days    |
| UTC Time - Hours                        | 18                   | Hours   |
| UTC Time - Minutes                      | 17                   |         |
| UTC Time - Seconds                      | 6                    | seconds |
| ECU Time - Milliseconds                 | 924                  | ms      |

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

| NAME                                    | VALUE       | UNITS |
|-----------------------------------------|-------------|-------|
| DTC                                     | C1 00 00    |       |
| Test Failed                             | False       |       |
| Test Failed This Operation Cycle        | False       |       |
| Pending DTC                             | False       |       |
| Confirmed DTC                           | True        |       |
| Test Not Completed Since Last Clear     | False       |       |
| Test Failed Since Last Clear            | True        |       |
| Test Not Completed This Operation Cycle | False       |       |
| Warning Indicator Requested             | True        |       |
| Occurrence flag                         | Occurrence  |       |
| Original Odometer Value                 | 8002.4      | miles |
| Most Recent Odometer Value              | 8002.4      | miles |
| Frequency Counter                       | 7           |       |
| Ignition Cycle Counter                  | 0           |       |
| Real time clock                         | 25301172    | sec   |
| RAM stamps keyOn                        | 465         | sec   |
| RAM Stamps                              | 139940      | Min   |
| Accelerator Pedal Position              | 0           | %     |
| Brake Switch Status                     | Not Applied |       |
| Engine Speed                            | 1195        | rpm   |
| HV Battery SOC                          | 86          | %     |
| Ignition State                          | Reserved    |       |
| PRND Position Display                   | P           |       |
| Propulsion System Active                | True        |       |

|                                      |                         |        |
|--------------------------------------|-------------------------|--------|
| Vehicle Speed                        | 0.0388                  | MPH    |
| Motor A Temp Sensor                  | 61                      | °F     |
| Motor B Temp Sensor                  | 66                      | °F     |
| Barometric Pressure                  | 15                      | PSI    |
| Engine Coolant Temperature           | 127                     | °F     |
| Internal EPS Voltage Sense A         | 8.208                   | Volts  |
| Internal EPS Voltage Sense B         | 8.064                   | Volts  |
| Motor A Torque                       | -11.984                 | Ft-Lbs |
| Motor B Torque                       | -14.841                 | Ft-Lbs |
| Actual Torque - Motor A              | -11.984                 | Ft-Lbs |
| Actual Torque - Motor B              | -14.841                 | Ft-Lbs |
| Available Motor Torque - Motor A     | 85.730                  | Ft-Lbs |
| Available Motor Torque - Motor B     | 232.485                 | Ft-Lbs |
| Available Regen Torque - Motor A     | -85.730                 | Ft-Lbs |
| Available Regen Torque - Motor B     | -232.485                | Ft-Lbs |
| Commanded Torque - Motor A           | -12.076                 | Ft-Lbs |
| Commanded Torque - Motor B           | -15.118                 | Ft-Lbs |
| Motor A - Inverter Current - phase A | 56                      | AMP    |
| Motor A - Inverter Current - phase B | -48                     | AMP    |
| Motor A - Inverter Current - phase C | -12                     | AMP    |
| Motor B - Inverter Current - phase A | 32                      | AMP    |
| Motor B - Inverter Current - phase B | -12                     | AMP    |
| Motor B - Inverter Current - phase C | -32                     | AMP    |
| Motor B Resolver Angle               | 122                     | Degree |
| Motor A Resolver Angle               | 100                     | Degree |
| Electric Motor A Speed               | 4961.0                  | rpm    |
| Electric Motor B Speed               | 4.5                     | rpm    |
| PIM DC Link Voltage - A              | 391                     | Volts  |
| PIM DC Link Voltage - B              | 391                     | Volts  |
| HCP ePT Wake-Up Output               | On                      |        |
| CBC Wake-Up Input                    | Off                     |        |
| HCP System Shutdown Command          | Default                 |        |
| HV Battery Voltage from BPCM         | 390.60                  | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP__ |        |
| HCP SW Version                       | 21B                     |        |
| EPT LOC Diag Enable                  | Enable LOC Diagnostic   |        |
| HV Contactor Status                  | Closed                  |        |
| APM Status                           | Buck CV                 |        |
| Impact Event                         | False                   |        |
| Outside Air Temperature              | 37.4                    | °F     |
| OBCM Operating Mode                  | UTC                     |        |
| J1772 Prox Detected State            | Prox Out                |        |
| HV Battery Sleep Time                | 0                       | Days   |
| Battery Feed Voltage 1 Sense         | 12.024                  | Volts  |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| Battery Feed Voltage 2 Sense            | 11.952                   | Volts   |
| Battery Feed Voltage 3 Sense            | 11.808                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Inverter A IGBT Temperature for phase A | 55                       | °F      |
| Inverter A IGBT Temperature for phase B | 54                       | °F      |
| Inverter A IGBT Temperature for phase C | 54                       | °F      |
| Inverter B IGBT Temperature for phase A | 54                       | °F      |
| Inverter B IGBT Temperature for phase B | 48                       | °F      |
| Inverter B IGBT Temperature for phase C | 50                       | °F      |
| PHEV Charging Status                    | No Charging              |         |
| Distance Travelled with Light ON        | 0                        | miles   |
| GPS Date - Year                         | 2022                     | Year    |
| GPS Date - Month                        | 1                        |         |
| GPS Date - Day                          | 4                        | Days    |
| UTC Time - Hours                        | 15                       | Hours   |
| UTC Time - Minutes                      | 53                       |         |
| UTC Time - Seconds                      | 20                       | seconds |
| ECU Time - Milliseconds                 | 325                      | ms      |

#### HCP | U0103-00 | Stored | Lost Communication With Electric Gear Shift Module-

| NAME                                    | VALUE       | UNITS |
|-----------------------------------------|-------------|-------|
| DTC                                     | C1 03 00    |       |
| Test Failed                             | False       |       |
| Test Failed This Operation Cycle        | False       |       |
| Pending DTC                             | False       |       |
| Confirmed DTC                           | True        |       |
| Test Not Completed Since Last Clear     | False       |       |
| Test Failed Since Last Clear            | True        |       |
| Test Not Completed This Operation Cycle | False       |       |
| Warning Indicator Requested             | False       |       |
| Occurrence flag                         | Occurrence  |       |
| Original Odometer Value                 | 8002.4      | miles |
| Most Recent Odometer Value              | 8002.4      | miles |
| Frequency Counter                       | 4           |       |
| Ignition Cycle Counter                  | 0           |       |
| Real time clock                         | 25301172    | sec   |
| RAM stamps keyOn                        | 465         | sec   |
| RAM Stamps                              | 139940      | Min   |
| Accelerator Pedal Position              | 0           | %     |
| Brake Switch Status                     | Not Applied |       |
| Engine Speed                            | 1199        | rpm   |
| HV Battery SOC                          | 86          | %     |
| Ignition State                          | Reserved    |       |
| PRND Position Display                   | P           |       |

|                                      |                         |        |
|--------------------------------------|-------------------------|--------|
| Propulsion System Active             | True                    |        |
| Vehicle Speed                        | 0.0340                  | MPH    |
| Motor A Temp Sensor                  | 61                      | °F     |
| Motor B Temp Sensor                  | 66                      | °F     |
| Barometric Pressure                  | 15                      | PSI    |
| Engine Coolant Temperature           | 127                     | °F     |
| Internal EPS Voltage Sense A         | 8.208                   | Volts  |
| Internal EPS Voltage Sense B         | 8.064                   | Volts  |
| Motor A Torque                       | -11.984                 | Ft-Lbs |
| Motor B Torque                       | -15.026                 | Ft-Lbs |
| Actual Torque - Motor A              | -11.984                 | Ft-Lbs |
| Actual Torque - Motor B              | -15.026                 | Ft-Lbs |
| Available Motor Torque - Motor A     | 85.730                  | Ft-Lbs |
| Available Motor Torque - Motor B     | 232.485                 | Ft-Lbs |
| Available Regen Torque - Motor A     | -85.730                 | Ft-Lbs |
| Available Regen Torque - Motor B     | -232.485                | Ft-Lbs |
| Commanded Torque - Motor A           | -12.260                 | Ft-Lbs |
| Commanded Torque - Motor B           | -15.302                 | Ft-Lbs |
| Motor A - Inverter Current - phase A | -28                     | AMP    |
| Motor A - Inverter Current - phase B | -40                     | AMP    |
| Motor A - Inverter Current - phase C | 60                      | AMP    |
| Motor B - Inverter Current - phase A | 32                      | AMP    |
| Motor B - Inverter Current - phase B | -12                     | AMP    |
| Motor B - Inverter Current - phase C | -28                     | AMP    |
| Motor B Resolver Angle               | 122                     | Degree |
| Motor A Resolver Angle               | 8                       | Degree |
| Electric Motor A Speed               | 4977.0                  | rpm    |
| Electric Motor B Speed               | 3.5                     | rpm    |
| PIM DC Link Voltage - A              | 391                     | Volts  |
| PIM DC Link Voltage - B              | 391                     | Volts  |
| HCP ePT Wake-Up Output               | On                      |        |
| CBC Wake-Up Input                    | Off                     |        |
| HCP System Shutdown Command          | Default                 |        |
| HV Battery Voltage from BPCM         | 390.60                  | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP__ |        |
| HCP SW Version                       | 21B                     |        |
| EPT LOC Diag Enable                  | Enable LOC Diagnostic   |        |
| HV Contactor Status                  | Closed                  |        |
| APM Status                           | Buck CV                 |        |
| Impact Event                         | False                   |        |
| Outside Air Temperature              | 37.4                    | °F     |
| OBCM Operating Mode                  | UTC                     |        |
| J1772 Prox Detected State            | Prox Out                |        |
| HV Battery Sleep Time                | 0                       | Days   |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| Battery Feed Voltage 1 Sense            | 12.024                   | Volts   |
| Battery Feed Voltage 2 Sense            | 11.952                   | Volts   |
| Battery Feed Voltage 3 Sense            | 11.808                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Inverter A IGBT Temperature for phase A | 55                       | °F      |
| Inverter A IGBT Temperature for phase B | 54                       | °F      |
| Inverter A IGBT Temperature for phase C | 54                       | °F      |
| Inverter B IGBT Temperature for phase A | 54                       | °F      |
| Inverter B IGBT Temperature for phase B | 48                       | °F      |
| Inverter B IGBT Temperature for phase C | 50                       | °F      |
| PHEV Charging Status                    | No Charging              |         |
| Distance Travelled with Light ON        | 0                        | miles   |
| GPS Date - Year                         | 2022                     | Year    |
| GPS Date - Month                        | 1                        |         |
| GPS Date - Day                          | 4                        | Days    |
| UTC Time - Hours                        | 15                       | Hours   |
| UTC Time - Minutes                      | 53                       |         |
| UTC Time - Seconds                      | 20                       | seconds |
| ECU Time - Milliseconds                 | 925                      | ms      |

#### HCP | U0121-00 | Stored | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-

| NAME                                    | VALUE       | UNITS |
|-----------------------------------------|-------------|-------|
| DTC                                     | C1 21 00    |       |
| Test Failed                             | False       |       |
| Test Failed This Operation Cycle        | False       |       |
| Pending DTC                             | False       |       |
| Confirmed DTC                           | True        |       |
| Test Not Completed Since Last Clear     | False       |       |
| Test Failed Since Last Clear            | True        |       |
| Test Not Completed This Operation Cycle | False       |       |
| Warning Indicator Requested             | True        |       |
| Occurrence flag                         | Occurrence  |       |
| Original Odometer Value                 | 8002.4      | miles |
| Most Recent Odometer Value              | 8002.4      | miles |
| Frequency Counter                       | 2           |       |
| Ignition Cycle Counter                  | 0           |       |
| Real time clock                         | 25301160    | sec   |
| RAM stamps keyOn                        | 450         | sec   |
| RAM Stamps                              | 139940      | Min   |
| Accelerator Pedal Position              | 0           | %     |
| Brake Switch Status                     | Not Applied |       |
| Engine Speed                            | 1167        | rpm   |
| HV Battery SOC                          | 86          | %     |
| Ignition State                          | Reserved    |       |

|                                      |                         |        |
|--------------------------------------|-------------------------|--------|
| PRND Position Display                | D                       |        |
| Propulsion System Active             | True                    |        |
| Vehicle Speed                        | 2.0437                  | MPH    |
| Motor A Temp Sensor                  | 59                      | °F     |
| Motor B Temp Sensor                  | 68                      | °F     |
| Barometric Pressure                  | 15                      | PSI    |
| Engine Coolant Temperature           | 133                     | °F     |
| Internal EPS Voltage Sense A         | 8.208                   | Volts  |
| Internal EPS Voltage Sense B         | 8.064                   | Volts  |
| Motor A Torque                       | -17.423                 | Ft-Lbs |
| Motor B Torque                       | 47.474                  | Ft-Lbs |
| Actual Torque - Motor A              | -17.423                 | Ft-Lbs |
| Actual Torque - Motor B              | 47.474                  | Ft-Lbs |
| Available Motor Torque - Motor A     | 85.730                  | Ft-Lbs |
| Available Motor Torque - Motor B     | 235.988                 | Ft-Lbs |
| Available Regen Torque - Motor A     | -85.730                 | Ft-Lbs |
| Available Regen Torque - Motor B     | -235.988                | Ft-Lbs |
| Commanded Torque - Motor A           | -17.423                 | Ft-Lbs |
| Commanded Torque - Motor B           | 48.673                  | Ft-Lbs |
| Motor A - Inverter Current - phase A | 24                      | AMP    |
| Motor A - Inverter Current - phase B | 56                      | AMP    |
| Motor A - Inverter Current - phase C | -84                     | AMP    |
| Motor B - Inverter Current - phase A | -88                     | AMP    |
| Motor B - Inverter Current - phase B | 84                      | AMP    |
| Motor B - Inverter Current - phase C | -4                      | AMP    |
| Motor B Resolver Angle               | 30                      | Degree |
| Motor A Resolver Angle               | 196                     | Degree |
| Electric Motor A Speed               | 4564.5                  | rpm    |
| Electric Motor B Speed               | 216.0                   | rpm    |
| PIM DC Link Voltage - A              | 390                     | Volts  |
| PIM DC Link Voltage - B              | 390                     | Volts  |
| HCP ePT Wake-Up Output               | On                      |        |
| CBC Wake-Up Input                    | Off                     |        |
| HCP System Shutdown Command          | Default                 |        |
| HV Battery Voltage from BPCM         | 389.70                  | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP__ |        |
| HCP SW Version                       | 21B                     |        |
| EPT LOC Diag Enable                  | Enable LOC Diagnostic   |        |
| HV Contactor Status                  | Closed                  |        |
| APM Status                           | Buck CV                 |        |
| Impact Event                         | False                   |        |
| Outside Air Temperature              | 37.4                    | °F     |
| OBCM Operating Mode                  | UTC                     |        |
| J1772 Prox Detected State            | Prox Out                |        |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| HV Battery Sleep Time                   | 0                        | Days    |
| Battery Feed Voltage 1 Sense            | 12.024                   | Volts   |
| Battery Feed Voltage 2 Sense            | 11.952                   | Volts   |
| Battery Feed Voltage 3 Sense            | 11.808                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Inverter A IGBT Temperature for phase A | 57                       | °F      |
| Inverter A IGBT Temperature for phase B | 55                       | °F      |
| Inverter A IGBT Temperature for phase C | 55                       | °F      |
| Inverter B IGBT Temperature for phase A | 52                       | °F      |
| Inverter B IGBT Temperature for phase B | 52                       | °F      |
| Inverter B IGBT Temperature for phase C | 52                       | °F      |
| PHEV Charging Status                    | No Charging              |         |
| Distance Travelled with Light ON        | 0                        | miles   |
| GPS Date - Year                         | 2022                     | Year    |
| GPS Date - Month                        | 1                        |         |
| GPS Date - Day                          | 4                        | Days    |
| UTC Time - Hours                        | 15                       | Hours   |
| UTC Time - Minutes                      | 53                       |         |
| UTC Time - Seconds                      | 10                       | seconds |
| ECU Time - Milliseconds                 | 163                      | ms      |

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

| NAME                                    | VALUE       | UNITS |
|-----------------------------------------|-------------|-------|
| DTC                                     | C1 51 00    |       |
| Test Failed                             | False       |       |
| Test Failed This Operation Cycle        | False       |       |
| Pending DTC                             | False       |       |
| Confirmed DTC                           | True        |       |
| Test Not Completed Since Last Clear     | False       |       |
| Test Failed Since Last Clear            | True        |       |
| Test Not Completed This Operation Cycle | False       |       |
| Warning Indicator Requested             | False       |       |
| Occurrence flag                         | Occurrence  |       |
| Original Odometer Value                 | 8002.4      | miles |
| Most Recent Odometer Value              | 8002.4      | miles |
| Frequency Counter                       | 6           |       |
| Ignition Cycle Counter                  | 0           |       |
| Real time clock                         | 25301172    | sec   |
| RAM stamps keyOn                        | 465         | sec   |
| RAM Stamps                              | 139940      | Min   |
| Accelerator Pedal Position              | 0           | %     |
| Brake Switch Status                     | Not Applied |       |
| Engine Speed                            | 1195        | rpm   |
| HV Battery SOC                          | 86          | %     |

|                                      |                         |        |
|--------------------------------------|-------------------------|--------|
| Ignition State                       | Reserved                |        |
| PRND Position Display                | P                       |        |
| Propulsion System Active             | True                    |        |
| Vehicle Speed                        | 0.0388                  | MPH    |
| Motor A Temp Sensor                  | 61                      | °F     |
| Motor B Temp Sensor                  | 66                      | °F     |
| Barometric Pressure                  | 15                      | PSI    |
| Engine Coolant Temperature           | 127                     | °F     |
| Internal EPS Voltage Sense A         | 8.208                   | Volts  |
| Internal EPS Voltage Sense B         | 8.064                   | Volts  |
| Motor A Torque                       | -11.984                 | Ft-Lbs |
| Motor B Torque                       | -14.841                 | Ft-Lbs |
| Actual Torque - Motor A              | -11.984                 | Ft-Lbs |
| Actual Torque - Motor B              | -14.841                 | Ft-Lbs |
| Available Motor Torque - Motor A     | 85.730                  | Ft-Lbs |
| Available Motor Torque - Motor B     | 232.485                 | Ft-Lbs |
| Available Regen Torque - Motor A     | -85.730                 | Ft-Lbs |
| Available Regen Torque - Motor B     | -232.485                | Ft-Lbs |
| Commanded Torque - Motor A           | -12.076                 | Ft-Lbs |
| Commanded Torque - Motor B           | -15.118                 | Ft-Lbs |
| Motor A - Inverter Current - phase A | -56                     | AMP    |
| Motor A - Inverter Current - phase B | 52                      | AMP    |
| Motor A - Inverter Current - phase C | -4                      | AMP    |
| Motor B - Inverter Current - phase A | 32                      | AMP    |
| Motor B - Inverter Current - phase B | -12                     | AMP    |
| Motor B - Inverter Current - phase C | -28                     | AMP    |
| Motor B Resolver Angle               | 122                     | Degree |
| Motor A Resolver Angle               | 268                     | Degree |
| Electric Motor A Speed               | 4961.0                  | rpm    |
| Electric Motor B Speed               | 4.5                     | rpm    |
| PIM DC Link Voltage - A              | 391                     | Volts  |
| PIM DC Link Voltage - B              | 391                     | Volts  |
| HCP ePT Wake-Up Output               | On                      |        |
| CBC Wake-Up Input                    | Off                     |        |
| HCP System Shutdown Command          | Default                 |        |
| HV Battery Voltage from BPCM         | 390.60                  | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP__ |        |
| HCP SW Version                       | 21B                     |        |
| EPT LOC Diag Enable                  | Enable LOC Diagnostic   |        |
| HV Contactor Status                  | Closed                  |        |
| APM Status                           | Buck CV                 |        |
| Impact Event                         | False                   |        |
| Outside Air Temperature              | 37.4                    | °F     |
| OBCM Operating Mode                  | UTC                     |        |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| J1772 Prox Detected State               | Prox Out                 |         |
| HV Battery Sleep Time                   | 0                        | Days    |
| Battery Feed Voltage 1 Sense            | 12.024                   | Volts   |
| Battery Feed Voltage 2 Sense            | 11.952                   | Volts   |
| Battery Feed Voltage 3 Sense            | 11.808                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Inverter A IGBT Temperature for phase A | 55                       | °F      |
| Inverter A IGBT Temperature for phase B | 54                       | °F      |
| Inverter A IGBT Temperature for phase C | 54                       | °F      |
| Inverter B IGBT Temperature for phase A | 54                       | °F      |
| Inverter B IGBT Temperature for phase B | 48                       | °F      |
| Inverter B IGBT Temperature for phase C | 50                       | °F      |
| PHEV Charging Status                    | No Charging              |         |
| Distance Travelled with Light ON        | 0                        | miles   |
| GPS Date - Year                         | 2022                     | Year    |
| GPS Date - Month                        | 1                        |         |
| GPS Date - Day                          | 4                        | Days    |
| UTC Time - Hours                        | 15                       | Hours   |
| UTC Time - Minutes                      | 53                       |         |
| UTC Time - Seconds                      | 20                       | seconds |
| ECU Time - Milliseconds                 | 325                      | ms      |

#### HCP | U0155-00 | Stored | Lost Communication With Cluster/CCN-

| NAME                                    | VALUE       | UNITS |
|-----------------------------------------|-------------|-------|
| DTC                                     | C1 55 00    |       |
| Test Failed                             | False       |       |
| Test Failed This Operation Cycle        | False       |       |
| Pending DTC                             | False       |       |
| Confirmed DTC                           | True        |       |
| Test Not Completed Since Last Clear     | False       |       |
| Test Failed Since Last Clear            | True        |       |
| Test Not Completed This Operation Cycle | False       |       |
| Warning Indicator Requested             | False       |       |
| Occurrence flag                         | Occurrence  |       |
| Original Odometer Value                 | 8002.4      | miles |
| Most Recent Odometer Value              | 8002.4      | miles |
| Frequency Counter                       | 1           |       |
| Ignition Cycle Counter                  | 0           |       |
| Real time clock                         | 25301168    | sec   |
| RAM stamps keyOn                        | 465         | sec   |
| RAM Stamps                              | 139940      | Min   |
| Accelerator Pedal Position              | 0           | %     |
| Brake Switch Status                     | Not Applied |       |
| Engine Speed                            | 1215        | rpm   |

|                                      |                         |        |
|--------------------------------------|-------------------------|--------|
| HV Battery SOC                       | 86                      | %      |
| Ignition State                       | Reserved                |        |
| PRND Position Display                | P                       |        |
| Propulsion System Active             | True                    |        |
| Vehicle Speed                        | 0.0291                  | MPH    |
| Motor A Temp Sensor                  | 61                      | °F     |
| Motor B Temp Sensor                  | 66                      | °F     |
| Barometric Pressure                  | 15                      | PSI    |
| Engine Coolant Temperature           | 127                     | °F     |
| Internal EPS Voltage Sense A         | 8.208                   | Volts  |
| Internal EPS Voltage Sense B         | 8.064                   | Volts  |
| Motor A Torque                       | -12.813                 | Ft-Lbs |
| Motor B Torque                       | -15.302                 | Ft-Lbs |
| Actual Torque - Motor A              | -12.813                 | Ft-Lbs |
| Actual Torque - Motor B              | -15.302                 | Ft-Lbs |
| Available Motor Torque - Motor A     | 85.730                  | Ft-Lbs |
| Available Motor Torque - Motor B     | 232.301                 | Ft-Lbs |
| Available Regen Torque - Motor A     | -85.730                 | Ft-Lbs |
| Available Regen Torque - Motor B     | -232.301                | Ft-Lbs |
| Commanded Torque - Motor A           | -12.629                 | Ft-Lbs |
| Commanded Torque - Motor B           | -15.855                 | Ft-Lbs |
| Motor A - Inverter Current - phase A | 64                      | AMP    |
| Motor A - Inverter Current - phase B | -20                     | AMP    |
| Motor A - Inverter Current - phase C | -48                     | AMP    |
| Motor B - Inverter Current - phase A | 32                      | AMP    |
| Motor B - Inverter Current - phase B | -12                     | AMP    |
| Motor B - Inverter Current - phase C | -32                     | AMP    |
| Motor B Resolver Angle               | 122                     | Degree |
| Motor A Resolver Angle               | 132                     | Degree |
| Electric Motor A Speed               | 5056.0                  | rpm    |
| Electric Motor B Speed               | 2.5                     | rpm    |
| PIM DC Link Voltage - A              | 391                     | Volts  |
| PIM DC Link Voltage - B              | 391                     | Volts  |
| HCP ePT Wake-Up Output               | On                      |        |
| CBC Wake-Up Input                    | Off                     |        |
| HCP System Shutdown Command          | Default                 |        |
| HV Battery Voltage from BPCM         | 390.60                  | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP__ |        |
| HCP SW Version                       | 21B                     |        |
| EPT LOC Diag Enable                  | Enable LOC Diagnostic   |        |
| HV Contactor Status                  | Closed                  |        |
| APM Status                           | Buck CV                 |        |
| Impact Event                         | False                   |        |
| Outside Air Temperature              | 37.4                    | °F     |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| OBCM Operating Mode                     | UTC                      |         |
| J1772 Prox Detected State               | Prox Out                 |         |
| HV Battery Sleep Time                   | 0                        | Days    |
| Battery Feed Voltage 1 Sense            | 12.024                   | Volts   |
| Battery Feed Voltage 2 Sense            | 11.952                   | Volts   |
| Battery Feed Voltage 3 Sense            | 11.808                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Inverter A IGBT Temperature for phase A | 55                       | °F      |
| Inverter A IGBT Temperature for phase B | 54                       | °F      |
| Inverter A IGBT Temperature for phase C | 54                       | °F      |
| Inverter B IGBT Temperature for phase A | 54                       | °F      |
| Inverter B IGBT Temperature for phase B | 48                       | °F      |
| Inverter B IGBT Temperature for phase C | 50                       | °F      |
| PHEV Charging Status                    | No Charging              |         |
| Distance Travelled with Light ON        | 0                        | miles   |
| GPS Date - Year                         | 2022                     | Year    |
| GPS Date - Month                        | 1                        |         |
| GPS Date - Day                          | 4                        | Days    |
| UTC Time - Hours                        | 15                       | Hours   |
| UTC Time - Minutes                      | 53                       |         |
| UTC Time - Seconds                      | 19                       | seconds |
| ECU Time - Milliseconds                 | 931                      | ms      |

#### HCP | U11DD-00 | Stored | Body Control Module Signal Invalid-

| NAME                                    | VALUE       | UNITS |
|-----------------------------------------|-------------|-------|
| DTC                                     | D1 DD 00    |       |
| Test Failed                             | False       |       |
| Test Failed This Operation Cycle        | False       |       |
| Pending DTC                             | False       |       |
| Confirmed DTC                           | True        |       |
| Test Not Completed Since Last Clear     | False       |       |
| Test Failed Since Last Clear            | True        |       |
| Test Not Completed This Operation Cycle | False       |       |
| Warning Indicator Requested             | False       |       |
| Occurrence flag                         | Occurrence  |       |
| Original Odometer Value                 | 8002.4      | miles |
| Most Recent Odometer Value              | 8002.4      | miles |
| Frequency Counter                       | 255         |       |
| Ignition Cycle Counter                  | 0           |       |
| Real time clock                         | 25301172    | sec   |
| RAM stamps keyOn                        | 465         | sec   |
| RAM Stamps                              | 139940      | Min   |
| Accelerator Pedal Position              | 0           | %     |
| Brake Switch Status                     | Not Applied |       |

|                                      |                         |        |
|--------------------------------------|-------------------------|--------|
| Engine Speed                         | 1197                    | rpm    |
| HV Battery SOC                       | 86                      | %      |
| Ignition State                       | Reserved                |        |
| PRND Position Display                | P                       |        |
| Propulsion System Active             | True                    |        |
| Vehicle Speed                        | 0.0340                  | MPH    |
| Motor A Temp Sensor                  | 61                      | °F     |
| Motor B Temp Sensor                  | 66                      | °F     |
| Barometric Pressure                  | 15                      | PSI    |
| Engine Coolant Temperature           | 129                     | °F     |
| Internal EPS Voltage Sense A         | 8.208                   | Volts  |
| Internal EPS Voltage Sense B         | 8.064                   | Volts  |
| Motor A Torque                       | -11.523                 | Ft-Lbs |
| Motor B Torque                       | -14.288                 | Ft-Lbs |
| Actual Torque - Motor A              | -11.523                 | Ft-Lbs |
| Actual Torque - Motor B              | -14.288                 | Ft-Lbs |
| Available Motor Torque - Motor A     | 85.730                  | Ft-Lbs |
| Available Motor Torque - Motor B     | 232.485                 | Ft-Lbs |
| Available Regen Torque - Motor A     | -85.730                 | Ft-Lbs |
| Available Regen Torque - Motor B     | -232.485                | Ft-Lbs |
| Commanded Torque - Motor A           | -11.615                 | Ft-Lbs |
| Commanded Torque - Motor B           | -14.473                 | Ft-Lbs |
| Motor A - Inverter Current - phase A | -64                     | AMP    |
| Motor A - Inverter Current - phase B | 28                      | AMP    |
| Motor A - Inverter Current - phase C | 28                      | AMP    |
| Motor B - Inverter Current - phase A | 32                      | AMP    |
| Motor B - Inverter Current - phase B | -8                      | AMP    |
| Motor B - Inverter Current - phase C | -28                     | AMP    |
| Motor B Resolver Angle               | 124                     | Degree |
| Motor A Resolver Angle               | 300                     | Degree |
| Electric Motor A Speed               | 4983.0                  | rpm    |
| Electric Motor B Speed               | 4.0                     | rpm    |
| PIM DC Link Voltage - A              | 391                     | Volts  |
| PIM DC Link Voltage - B              | 391                     | Volts  |
| HCP ePT Wake-Up Output               | On                      |        |
| CBC Wake-Up Input                    | Off                     |        |
| HCP System Shutdown Command          | Default                 |        |
| HV Battery Voltage from BPCM         | 390.60                  | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP__ |        |
| HCP SW Version                       | 21B                     |        |
| EPT LOC Diag Enable                  | Enable LOC Diagnostic   |        |
| HV Contactor Status                  | Closed                  |        |
| APM Status                           | Buck CV                 |        |
| Impact Event                         | False                   |        |

|                                         |                          |         |
|-----------------------------------------|--------------------------|---------|
| Outside Air Temperature                 | 37.4                     | °F      |
| OBCM Operating Mode                     | UTC                      |         |
| J1772 Prox Detected State               | Prox Out                 |         |
| HV Battery Sleep Time                   | 0                        | Days    |
| Battery Feed Voltage 1 Sense            | 12.024                   | Volts   |
| Battery Feed Voltage 2 Sense            | 11.952                   | Volts   |
| Battery Feed Voltage 3 Sense            | 11.808                   | Volts   |
| Hybrid System State                     | Propulsion System Active |         |
| Inverter A IGBT Temperature for phase A | 55                       | °F      |
| Inverter A IGBT Temperature for phase B | 54                       | °F      |
| Inverter A IGBT Temperature for phase C | 54                       | °F      |
| Inverter B IGBT Temperature for phase A | 54                       | °F      |
| Inverter B IGBT Temperature for phase B | 48                       | °F      |
| Inverter B IGBT Temperature for phase C | 50                       | °F      |
| PHEV Charging Status                    | No Charging              |         |
| Distance Travelled with Light ON        | 0                        | miles   |
| GPS Date - Year                         | 2022                     | Year    |
| GPS Date - Month                        | 1                        |         |
| GPS Date - Day                          | 4                        | Days    |
| UTC Time - Hours                        | 15                       | Hours   |
| UTC Time - Minutes                      | 53                       |         |
| UTC Time - Seconds                      | 22                       | seconds |
| ECU Time - Milliseconds                 | 163                      | ms      |

#### HCP | U1850-00 | Stored | Implausible Data Received from PCM on D-PT-

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | D8 50 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | True       |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8002.4     | miles |
| Most Recent Odometer Value              | 8002.4     | miles |
| Frequency Counter                       | 6          |       |
| Ignition Cycle Counter                  | 0          |       |
| Real time clock                         | 25309808   | sec   |
| RAM stamps keyOn                        | 285        | sec   |
| RAM Stamps                              | 139960     | Min   |
| Accelerator Pedal Position              | 0          | %     |

|                                      |                         |        |
|--------------------------------------|-------------------------|--------|
| Brake Switch Status                  | Not Applied             |        |
| Engine Speed                         | 0                       | rpm    |
| HV Battery SOC                       | 85                      | %      |
| Ignition State                       | Ignition Off/ACC        |        |
| PRND Position Display                | P                       |        |
| Propulsion System Active             | False                   |        |
| Vehicle Speed                        | 0.0000                  | MPH    |
| Motor A Temp Sensor                  | 57                      | °F     |
| Motor B Temp Sensor                  | 55                      | °F     |
| Barometric Pressure                  | 15                      | PSI    |
| Engine Coolant Temperature           | 70                      | °F     |
| Internal EPS Voltage Sense A         | 8.208                   | Volts  |
| Internal EPS Voltage Sense B         | 8.064                   | Volts  |
| Motor A Torque                       | 0.000                   | Ft-Lbs |
| Motor B Torque                       | 0.000                   | Ft-Lbs |
| Actual Torque - Motor A              | 0.000                   | Ft-Lbs |
| Actual Torque - Motor B              | 0.000                   | Ft-Lbs |
| Available Motor Torque - Motor A     | 87.205                  | Ft-Lbs |
| Available Motor Torque - Motor B     | 232.301                 | Ft-Lbs |
| Available Regen Torque - Motor A     | -87.205                 | Ft-Lbs |
| Available Regen Torque - Motor B     | -232.301                | Ft-Lbs |
| Commanded Torque - Motor A           | 0.000                   | Ft-Lbs |
| Commanded Torque - Motor B           | 0.000                   | Ft-Lbs |
| Motor A - Inverter Current - phase A | -4                      | AMP    |
| Motor A - Inverter Current - phase B | 0                       | AMP    |
| Motor A - Inverter Current - phase C | 0                       | AMP    |
| Motor B - Inverter Current - phase A | 0                       | AMP    |
| Motor B - Inverter Current - phase B | -4                      | AMP    |
| Motor B - Inverter Current - phase C | -4                      | AMP    |
| Motor B Resolver Angle               | 118                     | Degree |
| Motor A Resolver Angle               | 214                     | Degree |
| Electric Motor A Speed               | 0.0                     | rpm    |
| Electric Motor B Speed               | 0.0                     | rpm    |
| PIM DC Link Voltage - A              | 390                     | Volts  |
| PIM DC Link Voltage - B              | 390                     | Volts  |
| HCP ePT Wake-Up Output               | On                      |        |
| CBC Wake-Up Input                    | On                      |        |
| HCP System Shutdown Command          | Default                 |        |
| HV Battery Voltage from BPCM         | 389.80                  | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP__ |        |
| HCP SW Version                       | 21B                     |        |
| EPT LOC Diag Enable                  | Enable LOC Diagnostic   |        |
| HV Contactor Status                  | Closed                  |        |
| APM Status                           | Idle                    |        |

|                                         |                      |         |
|-----------------------------------------|----------------------|---------|
| Impact Event                            | False                |         |
| Outside Air Temperature                 | 37.4                 | °F      |
| OBCM Operating Mode                     | UTC                  |         |
| J1772 Prox Detected State               | Prox Out             |         |
| HV Battery Sleep Time                   | 0                    | Days    |
| Battery Feed Voltage 1 Sense            | 11.736               | Volts   |
| Battery Feed Voltage 2 Sense            | 11.664               | Volts   |
| Battery Feed Voltage 3 Sense            | 11.592               | Volts   |
| Hybrid System State                     | High Voltage Enabled |         |
| Inverter A IGBT Temperature for phase A | 63                   | °F      |
| Inverter A IGBT Temperature for phase B | 63                   | °F      |
| Inverter A IGBT Temperature for phase C | 63                   | °F      |
| Inverter B IGBT Temperature for phase A | 63                   | °F      |
| Inverter B IGBT Temperature for phase B | 63                   | °F      |
| Inverter B IGBT Temperature for phase C | 63                   | °F      |
| PHEV Charging Status                    | No Charging          |         |
| Distance Travelled with Light ON        | 0                    | miles   |
| GPS Date - Year                         | 2022                 | Year    |
| GPS Date - Month                        | 1                    |         |
| GPS Date - Day                          | 4                    | Days    |
| UTC Time - Hours                        | 18                   | Hours   |
| UTC Time - Minutes                      | 17                   |         |
| UTC Time - Seconds                      | 5                    | seconds |
| ECU Time - Milliseconds                 | 807                  | ms      |

#### HCP | U1852-00 | Stored | Implausible Data Received from ABS on D-PT-

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | D8 52 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | True       |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 8002.4     | miles |
| Most Recent Odometer Value              | 8002.4     | miles |
| Frequency Counter                       | 4          |       |
| Ignition Cycle Counter                  | 0          |       |
| Real time clock                         | 25309300   | sec   |
| RAM stamps keyOn                        | 195        | sec   |
| RAM Stamps                              | 139956     | Min   |

|                                      |                         |        |
|--------------------------------------|-------------------------|--------|
| Accelerator Pedal Position           | 0                       | %      |
| Brake Switch Status                  | Not Applied             |        |
| Engine Speed                         | 0                       | rpm    |
| HV Battery SOC                       | 85                      | %      |
| Ignition State                       | Ignition Off/ACC        |        |
| PRND Position Display                | P                       |        |
| Propulsion System Active             | False                   |        |
| Vehicle Speed                        | 0.0000                  | MPH    |
| Motor A Temp Sensor                  | 57                      | °F     |
| Motor B Temp Sensor                  | 55                      | °F     |
| Barometric Pressure                  | 15                      | PSI    |
| Engine Coolant Temperature           | 73                      | °F     |
| Internal EPS Voltage Sense A         | 8.208                   | Volts  |
| Internal EPS Voltage Sense B         | 8.064                   | Volts  |
| Motor A Torque                       | 0.000                   | Ft-Lbs |
| Motor B Torque                       | 0.000                   | Ft-Lbs |
| Actual Torque - Motor A              | 0.000                   | Ft-Lbs |
| Actual Torque - Motor B              | 0.000                   | Ft-Lbs |
| Available Motor Torque - Motor A     | 87.205                  | Ft-Lbs |
| Available Motor Torque - Motor B     | 232.301                 | Ft-Lbs |
| Available Regen Torque - Motor A     | -87.205                 | Ft-Lbs |
| Available Regen Torque - Motor B     | -232.301                | Ft-Lbs |
| Commanded Torque - Motor A           | 0.000                   | Ft-Lbs |
| Commanded Torque - Motor B           | 0.000                   | Ft-Lbs |
| Motor A - Inverter Current - phase A | -4                      | AMP    |
| Motor A - Inverter Current - phase B | -4                      | AMP    |
| Motor A - Inverter Current - phase C | 0                       | AMP    |
| Motor B - Inverter Current - phase A | 0                       | AMP    |
| Motor B - Inverter Current - phase B | -4                      | AMP    |
| Motor B - Inverter Current - phase C | -4                      | AMP    |
| Motor B Resolver Angle               | 118                     | Degree |
| Motor A Resolver Angle               | 214                     | Degree |
| Electric Motor A Speed               | 0.0                     | rpm    |
| Electric Motor B Speed               | 0.0                     | rpm    |
| PIM DC Link Voltage - A              | 390                     | Volts  |
| PIM DC Link Voltage - B              | 390                     | Volts  |
| HCP ePT Wake-Up Output               | On                      |        |
| CBC Wake-Up Input                    | On                      |        |
| HCP System Shutdown Command          | Default                 |        |
| HV Battery Voltage from BPCM         | 389.90                  | Volts  |
| SW Build Release Version             | PIM_21B_2011B0_RU_HCP__ |        |
| HCP SW Version                       | 21B                     |        |
| EPT LOC Diag Enable                  | Enable LOC Diagnostic   |        |
| HV Contactor Status                  | Closed                  |        |

|                                         |                      |         |
|-----------------------------------------|----------------------|---------|
| APM Status                              | Idle                 |         |
| Impact Event                            | False                |         |
| Outside Air Temperature                 | 37.4                 | °F      |
| OBCM Operating Mode                     | UTC                  |         |
| J1772 Prox Detected State               | Prox Out             |         |
| HV Battery Sleep Time                   | 0                    | Days    |
| Battery Feed Voltage 1 Sense            | 11.736               | Volts   |
| Battery Feed Voltage 2 Sense            | 11.736               | Volts   |
| Battery Feed Voltage 3 Sense            | 11.664               | Volts   |
| Hybrid System State                     | High Voltage Enabled |         |
| Inverter A IGBT Temperature for phase A | 63                   | °F      |
| Inverter A IGBT Temperature for phase B | 63                   | °F      |
| Inverter A IGBT Temperature for phase C | 63                   | °F      |
| Inverter B IGBT Temperature for phase A | 63                   | °F      |
| Inverter B IGBT Temperature for phase B | 63                   | °F      |
| Inverter B IGBT Temperature for phase C | 61                   | °F      |
| PHEV Charging Status                    | No Charging          |         |
| Distance Travelled with Light ON        | 0                    | miles   |
| GPS Date - Year                         | 2022                 | Year    |
| GPS Date - Month                        | 1                    |         |
| GPS Date - Day                          | 4                    | Days    |
| UTC Time - Hours                        | 18                   | Hours   |
| UTC Time - Minutes                      | 8                    |         |
| UTC Time - Seconds                      | 6                    | seconds |
| ECU Time - Milliseconds                 | 913                  | ms      |

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

| NAME                                    | VALUE                                  | UNITS |
|-----------------------------------------|----------------------------------------|-------|
| DTC                                     | C1 40 00                               |       |
| Test Failed                             | False                                  |       |
| Pending DTC                             | False                                  |       |
| Test Failed This Operation Cycle        | False                                  |       |
| Confirmed DTC                           | True                                   |       |
| Test Not Completed Since Last Clear     | False                                  |       |
| Test Failed Since Last Clear            | True                                   |       |
| Test Not Completed This Operation Cycle | False                                  |       |
| Warning Indicator Requested             | False                                  |       |
| DTC Extended Data Record Number - All   | 01                                     |       |
| Occurrence flag                         | Occurrence                             |       |
| Original Odometer Value                 | 7993                                   | miles |
| Most Recent Odometer Value              | Odometer value not available / Default | miles |
| Frequency Counter                       | 2                                      |       |
| Ignition Cycle Counter                  | 6                                      |       |

**CVPM | U0422-00 | Stored | Implausible Data Received From Body Control Module-**

| NAME                                                | VALUE                                       | UNITS |
|-----------------------------------------------------|---------------------------------------------|-------|
| DTC                                                 | C4 22 00                                    |       |
| Test Failed                                         | False                                       |       |
| Test Failed This Operation Cycle                    | False                                       |       |
| Pending DTC                                         | False                                       |       |
| Confirmed DTC                                       | True                                        |       |
| Test Not Completed Since Last Clear                 | False                                       |       |
| Test Failed Since Last Clear                        | True                                        |       |
| Test Not Completed This Operation Cycle             | False                                       |       |
| Warning Indicator Requested                         | False                                       |       |
| DTC Extended Data Record Number - All               | 01                                          |       |
| Occurrence flag                                     | Occurrence                                  |       |
| Original Odometer Value                             | 7993                                        | miles |
| Most Recent Odometer Value                          | 7993                                        | miles |
| Frequency Counter                                   | 1                                           |       |
| Ignition Cycle Counter                              | 11                                          |       |
| DTC Extended Data Record Number 2                   | 2                                           |       |
| ECU Failure – Internal Voltage                      | Off                                         |       |
| ECU Failure – ECU Memory                            | Off                                         |       |
| ECU Failure – Internal Communication Error          | Off                                         |       |
| ECU Failure – Video Subsystem Error                 | Off                                         |       |
| ECU Failure – Watchdog Error                        | Off                                         |       |
| Calibration Failure - Calibration not Executed      | Off                                         |       |
| Calibration Failure - Calibration Data Inconsistent | Off                                         |       |
| Battery Voltage                                     | 14.6                                        | V     |
| ECU Voltage                                         | 14.3                                        | V     |
| Vehicle Speed                                       | FFFF                                        | MPH   |
| Ignition Status                                     | Ignition Status: Running                    |       |
| Steering Wheel Angle                                | 3FFF                                        | Deg   |
| Steering Wheel Angle Status                         | Steering Wheel Status: Initialization Error |       |
| Driver Door Ajar                                    | Inactive                                    |       |
| Rear Left Door Ajar                                 | Inactive                                    |       |
| Passenger Door Ajar                                 | Inactive                                    |       |
| Rear Right Door Ajar                                | Inactive                                    |       |
| Reverse Gear                                        | Inactive                                    |       |
| Liftgate Ajar                                       | Inactive                                    |       |
| Touch Screen Status                                 | Touch Screen Status: Not Pressed            |       |
| Touch Screen X Coordinate                           | 0000                                        |       |
| Touch Screen Y Coordinate                           | 0000                                        |       |
| Radio Display Status                                | Display Status: Off                         |       |

**ABSO | C0021-00 | Stored | Brake Booster-**

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

|                                         |               |                  |
|-----------------------------------------|---------------|------------------|
| DTC                                     | 40 21 00      |                  |
| Test Failed                             | False         |                  |
| Test Failed This Operation Cycle        | False         |                  |
| Pending DTC                             | False         |                  |
| Confirmed DTC                           | True          |                  |
| Test Not Completed Since Last Clear     | False         |                  |
| Test Failed Since Last Clear            | False         |                  |
| Test Not Completed This Operation Cycle | False         |                  |
| Warning Indicator Requested             | False         |                  |
| Occurrence flag                         | ERROR         |                  |
| Controller Event                        | No            |                  |
| Mirror Memory                           | No            |                  |
| Undervoltage Suspected                  | No            |                  |
| Original Odometer Value                 | 7993          | miles            |
| Most Recent Odometer Value              | 7993          | miles            |
| Frequency Counter                       | 1             |                  |
| Ignition Cycle Counter                  | 0             |                  |
| Fault Time                              | 480.00        | S                |
| Current System Mode                     | Ignition Run  |                  |
| Previous System Mode                    | Ignition Run  |                  |
| System Condition                        | ESC/TSC Fault |                  |
| Supply Voltage Valves                   | 14.6          | V                |
| Brake Pedal Status                      | Released      |                  |
| Supply voltage Pump                     | 14.6          | V                |
| Brake Pedal Travel Sensor Position      | 0             | %                |
| Ignition Unfiltered                     | 14.6          | V                |
| Wheel Speed Left Front                  | 19.014        | MPH              |
| Rotation Direction Left Front           | Forward       |                  |
| Wheel Speed Right Front                 | 19.014        | MPH              |
| Rotation Direction Right Front          | Forward       |                  |
| Wheel Speed Left Rear                   | 19.014        | MPH              |
| Rotation Direction Left Rear            | Forward       |                  |
| Wheel Speed Right Rear                  | 19.014        | MPH              |
| Rotation Direction Right Rear           | Forward       |                  |
| Steering Wheel Angle                    | 0.00          | °                |
| Longitudinal Acceleration               | 0.00          | m/s <sup>2</sup> |
| Lateral Acceleration                    | 0.00          | m/s <sup>2</sup> |
| Yaw Rate                                | 0.000         | °/s              |
| Primary Circuit Pressure                | 0.00          | PSI              |
| Engine Speed                            | 0.0           | rpm              |
| Accelerator Pedal Position              | 11.6          | %                |
| ABS control                             | Not active    |                  |
| ASR control                             | Not active    |                  |
| MSR control                             | Not active    |                  |

|                                     |                                 |  |
|-------------------------------------|---------------------------------|--|
| EBV control                         | Not active                      |  |
| ESP Control                         | Not active                      |  |
| HSA control                         | Not active                      |  |
| HBA control                         | Not active                      |  |
| Hold                                | No                              |  |
| Braking assistance system           | No Assistance System Is Braking |  |
| Plant Mode                          | No                              |  |
| EPB Mode Status                     | Static                          |  |
| BLS High                            | No                              |  |
| BLS Low                             | Yes                             |  |
| Park Brake                          | Not Activated                   |  |
| ESP-OFF mode                        | No                              |  |
| Clutch                              | Not Activated                   |  |
| Stop Coordinator Active             | No                              |  |
| Actual Gear                         | 1                               |  |
| Transmission selector lever setting | D                               |  |
| Status Parking Brake Left           | Brake is Released               |  |
| Status Parking Brake Right          | Brake is Released               |  |
| EPB Switch Status                   | Idle                            |  |
| Supplier Internal Code              | 583                             |  |

#### ABSO | U0104-00 | Stored | Lost Communication With Cruise Control Module-

| NAME                                    | VALUE         | UNITS |
|-----------------------------------------|---------------|-------|
| DTC                                     | C1 04 00      |       |
| Test Failed                             | False         |       |
| Test Failed This Operation Cycle        | False         |       |
| Pending DTC                             | False         |       |
| Confirmed DTC                           | True          |       |
| Test Not Completed Since Last Clear     | False         |       |
| Test Failed Since Last Clear            | False         |       |
| Test Not Completed This Operation Cycle | False         |       |
| Warning Indicator Requested             | False         |       |
| Occurrence flag                         | ERROR         |       |
| Controller Event                        | No            |       |
| Mirror Memory                           | No            |       |
| Undervoltage Suspected                  | No            |       |
| Original Odometer Value                 | 7993          | miles |
| Most Recent Odometer Value              | 7993          | miles |
| Frequency Counter                       | 1             |       |
| Ignition Cycle Counter                  | 0             |       |
| Fault Time                              | 482.40        | S     |
| Current System Mode                     | Ignition Run  |       |
| Previous System Mode                    | Ignition Run  |       |
| System Condition                        | ESC/TSC Fault |       |

|                                     |                                 |       |
|-------------------------------------|---------------------------------|-------|
| Supply Voltage Valves               | 14.6                            | V     |
| Brake Pedal Status                  | Released                        |       |
| Supply voltage Pump                 | 14.6                            | V     |
| Brake Pedal Travel Sensor Position  | 0                               | %     |
| Ignition Unfiltered                 | 14.6                            | V     |
| Wheel Speed Left Front              | 16.777                          | MPH   |
| Rotation Direction Left Front       | Forward                         |       |
| Wheel Speed Right Front             | 15.659                          | MPH   |
| Rotation Direction Right Front      | Forward                         |       |
| Wheel Speed Left Rear               | 16.777                          | MPH   |
| Rotation Direction Left Rear        | Forward                         |       |
| Wheel Speed Right Rear              | 15.659                          | MPH   |
| Rotation Direction Right Rear       | Forward                         |       |
| Steering Wheel Angle                | -12.80                          | °     |
| Longitudinal Acceleration           | 0.00                            | m/s^2 |
| Lateral Acceleration                | 0.00                            | m/s^2 |
| Yaw Rate                            | 0.000                           | °/s   |
| Primary Circuit Pressure            | 0.00                            | PSI   |
| Engine Speed                        | 0.0                             | rpm   |
| Accelerator Pedal Position          | 14.4                            | %     |
| ABS control                         | Not active                      |       |
| ASR control                         | Not active                      |       |
| MSR control                         | Not active                      |       |
| EBV control                         | Not active                      |       |
| ESP Control                         | Not active                      |       |
| HSA control                         | Not active                      |       |
| HBA control                         | Not active                      |       |
| Hold                                | No                              |       |
| Braking assistance system           | No Assistance System Is Braking |       |
| Plant Mode                          | No                              |       |
| EPB Mode Status                     | Static                          |       |
| BLS High                            | No                              |       |
| BLS Low                             | Yes                             |       |
| Park Brake                          | Not Activated                   |       |
| ESP-OFF mode                        | No                              |       |
| Clutch                              | Not Activated                   |       |
| Stop Coordinator Active             | No                              |       |
| Actual Gear                         | 1                               |       |
| Transmission selector lever setting | D                               |       |
| Status Parking Brake Left           | Brake is Released               |       |
| Status Parking Brake Right          | Brake is Released               |       |
| EPB Switch Status                   | Idle                            |       |
| Supplier Internal Code              | 254                             |       |

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

| NAME                                    | VALUE         | UNITS |
|-----------------------------------------|---------------|-------|
| DTC                                     | C1 40 00      |       |
| Test Failed                             | False         |       |
| Test Failed This Operation Cycle        | False         |       |
| Pending DTC                             | False         |       |
| Confirmed DTC                           | True          |       |
| Test Not Completed Since Last Clear     | False         |       |
| Test Failed Since Last Clear            | False         |       |
| Test Not Completed This Operation Cycle | False         |       |
| Warning Indicator Requested             | False         |       |
| Occurrence flag                         | Occurrence    |       |
| Controller Event                        | No            |       |
| Mirror Memory                           | No            |       |
| Undervoltage Suspected                  | No            |       |
| Original Odometer Value                 | 7993          | miles |
| Most Recent Odometer Value              | 7993          | miles |
| Frequency Counter                       | 1             |       |
| Ignition Cycle Counter                  | 0             |       |
| Fault Time                              | 482.40        | S     |
| Current System Mode                     | Ignition Run  |       |
| Previous System Mode                    | Ignition Run  |       |
| System Condition                        | ESC/TSC Fault |       |
| Supply Voltage Valves                   | 14.6          | V     |
| Brake Pedal Status                      | Released      |       |
| Supply voltage Pump                     | 14.6          | V     |
| Brake Pedal Travel Sensor Position      | 0             | %     |
| Ignition Unfiltered                     | 14.6          | V     |
| Wheel Speed Left Front                  | 16.777        | MPH   |
| Rotation Direction Left Front           | Forward       |       |
| Wheel Speed Right Front                 | 15.659        | MPH   |
| Rotation Direction Right Front          | Forward       |       |
| Wheel Speed Left Rear                   | 16.777        | MPH   |
| Rotation Direction Left Rear            | Forward       |       |
| Wheel Speed Right Rear                  | 15.659        | MPH   |
| Rotation Direction Right Rear           | Forward       |       |
| Steering Wheel Angle                    | -12.80        | °     |
| Longitudinal Acceleration               | 0.00          | m/s^2 |
| Lateral Acceleration                    | 0.00          | m/s^2 |
| Yaw Rate                                | 0.000         | °/s   |
| Primary Circuit Pressure                | 0.00          | PSI   |
| Engine Speed                            | 0.0           | rpm   |
| Accelerator Pedal Position              | 14.4          | %     |
| ABS control                             | Not active    |       |

|                                     |                                 |  |
|-------------------------------------|---------------------------------|--|
| ASR control                         | Not active                      |  |
| MSR control                         | Not active                      |  |
| EBV control                         | Not active                      |  |
| ESP Control                         | Not active                      |  |
| HSA control                         | Not active                      |  |
| HBA control                         | Not active                      |  |
| Hold                                | No                              |  |
| Braking assistance system           | No Assistance System Is Braking |  |
| Plant Mode                          | No                              |  |
| EPB Mode Status                     | Static                          |  |
| BLS High                            | No                              |  |
| BLS Low                             | Yes                             |  |
| Park Brake                          | Not Activated                   |  |
| ESP-OFF mode                        | No                              |  |
| Clutch                              | Not Activated                   |  |
| Stop Coordinator Active             | No                              |  |
| Actual Gear                         | 1                               |  |
| Transmission selector lever setting | D                               |  |
| Status Parking Brake Left           | Brake is Released               |  |
| Status Parking Brake Right          | Brake is Released               |  |
| EPB Switch Status                   | Idle                            |  |
| Supplier Internal Code              | 238                             |  |

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

| NAME                                    | VALUE        | UNITS |
|-----------------------------------------|--------------|-------|
| DTC                                     | C0 02 00     |       |
| Test Failed                             | False        |       |
| Test Failed This Operation Cycle        | False        |       |
| Pending DTC                             | False        |       |
| Confirmed DTC                           | True         |       |
| Test Not Completed Since Last Clear     | False        |       |
| Test Failed Since Last Clear            | False        |       |
| Test Not Completed This Operation Cycle | False        |       |
| Warning Indicator Requested             | False        |       |
| Occurrence flag                         | ERROR        |       |
| Controller Event                        | No           |       |
| Mirror Memory                           | No           |       |
| Undervoltage Suspected                  | No           |       |
| Original Odometer Value                 | 7993         | miles |
| Most Recent Odometer Value              | 7993         | miles |
| Frequency Counter                       | 7            |       |
| Ignition Cycle Counter                  | 0            |       |
| Fault Time                              | 13107.00     | S     |
| Current System Mode                     | Ignition Run |       |

|                                     |                                 |       |
|-------------------------------------|---------------------------------|-------|
| Previous System Mode                | Ignition Run                    |       |
| System Condition                    | ESC/TSC Fault                   |       |
| Supply Voltage Valves               | 14.6                            | V     |
| Brake Pedal Status                  | Pressed                         |       |
| Supply voltage Pump                 | 14.6                            | V     |
| Brake Pedal Travel Sensor Position  | 85                              | %     |
| Ignition Unfiltered                 | 14.6                            | V     |
| Wheel Speed Left Front              | 0.000                           | MPH   |
| Rotation Direction Left Front       | Forward                         |       |
| Wheel Speed Right Front             | 0.000                           | MPH   |
| Rotation Direction Right Front      | Forward                         |       |
| Wheel Speed Left Rear               | 0.000                           | MPH   |
| Rotation Direction Left Rear        | Forward                         |       |
| Wheel Speed Right Rear              | 0.000                           | MPH   |
| Rotation Direction Right Rear       | Forward                         |       |
| Steering Wheel Angle                | 0.00                            | °     |
| Longitudinal Acceleration           | 0.65                            | m/s^2 |
| Lateral Acceleration                | 0.00                            | m/s^2 |
| Yaw Rate                            | 0.000                           | °/s   |
| Primary Circuit Pressure            | 622.21                          | PSI   |
| Engine Speed                        | 0.0                             | rpm   |
| Accelerator Pedal Position          | 0.0                             | %     |
| ABS control                         | Not active                      |       |
| ASR control                         | Not active                      |       |
| MSR control                         | Not active                      |       |
| EBV control                         | Not active                      |       |
| ESP Control                         | Not active                      |       |
| HSA control                         | Not active                      |       |
| HBA control                         | Not active                      |       |
| Hold                                | No                              |       |
| Braking assistance system           | No Assistance System Is Braking |       |
| Plant Mode                          | No                              |       |
| EPB Mode Status                     | Static                          |       |
| BLS High                            | Yes                             |       |
| BLS Low                             | No                              |       |
| Park Brake                          | Activated                       |       |
| ESP-OFF mode                        | No                              |       |
| Clutch                              | Not Activated                   |       |
| Stop Coordinator Active             | No                              |       |
| Actual Gear                         | N                               |       |
| Transmission selector lever setting | N                               |       |
| Status Parking Brake Left           | Brake is Fully Applied          |       |
| Status Parking Brake Right          | Brake is Fully Applied          |       |
| EPB Switch Status                   | Idle                            |       |

Supplier Internal Code

191

**ABSO | U1226-00 | Stored | Lost Communication with Electronic Brake Booster Module-**

| NAME                                    | VALUE         | UNITS |
|-----------------------------------------|---------------|-------|
| DTC                                     | D2 26 00      |       |
| Test Failed                             | False         |       |
| Test Failed This Operation Cycle        | False         |       |
| Pending DTC                             | False         |       |
| Confirmed DTC                           | True          |       |
| Test Not Completed Since Last Clear     | False         |       |
| Test Failed Since Last Clear            | False         |       |
| Test Not Completed This Operation Cycle | False         |       |
| Warning Indicator Requested             | False         |       |
| Occurrence flag                         | Occurrence    |       |
| Controller Event                        | No            |       |
| Mirror Memory                           | No            |       |
| Undervoltage Suspected                  | No            |       |
| Original Odometer Value                 | 7993          | miles |
| Most Recent Odometer Value              | 7993          | miles |
| Frequency Counter                       | 1             |       |
| Ignition Cycle Counter                  | 0             |       |
| Fault Time                              | 482.60        | S     |
| Current System Mode                     | Ignition Run  |       |
| Previous System Mode                    | Ignition Run  |       |
| System Condition                        | ESC/TSC Fault |       |
| Supply Voltage Valves                   | 14.6          | V     |
| Brake Pedal Status                      | Released      |       |
| Supply voltage Pump                     | 14.6          | V     |
| Brake Pedal Travel Sensor Position      | 0             | %     |
| Ignition Unfiltered                     | 14.6          | V     |
| Wheel Speed Left Front                  | 15.659        | MPH   |
| Rotation Direction Left Front           | Forward       |       |
| Wheel Speed Right Front                 | 15.659        | MPH   |
| Rotation Direction Right Front          | Forward       |       |
| Wheel Speed Left Rear                   | 15.659        | MPH   |
| Rotation Direction Left Rear            | Forward       |       |
| Wheel Speed Right Rear                  | 15.659        | MPH   |
| Rotation Direction Right Rear           | Forward       |       |
| Steering Wheel Angle                    | -12.80        | °     |
| Longitudinal Acceleration               | 0.00          | m/s^2 |
| Lateral Acceleration                    | 0.00          | m/s^2 |
| Yaw Rate                                | 0.000         | °/s   |
| Primary Circuit Pressure                | 0.00          | PSI   |
| Engine Speed                            | 0.0           | rpm   |

|                                     |                                 |   |
|-------------------------------------|---------------------------------|---|
| Accelerator Pedal Position          | 14.8                            | % |
| ABS control                         | Not active                      |   |
| ASR control                         | Not active                      |   |
| MSR control                         | Not active                      |   |
| EBV control                         | Not active                      |   |
| ESP Control                         | Not active                      |   |
| HSA control                         | Not active                      |   |
| HBA control                         | Not active                      |   |
| Hold                                | No                              |   |
| Braking assistance system           | No Assistance System Is Braking |   |
| Plant Mode                          | No                              |   |
| EPB Mode Status                     | Static                          |   |
| BLS High                            | No                              |   |
| BLS Low                             | Yes                             |   |
| Park Brake                          | Not Activated                   |   |
| ESP-OFF mode                        | No                              |   |
| Clutch                              | Not Activated                   |   |
| Stop Coordinator Active             | No                              |   |
| Actual Gear                         | 1                               |   |
| Transmission selector lever setting | D                               |   |
| Status Parking Brake Left           | Brake is Released               |   |
| Status Parking Brake Right          | Brake is Released               |   |
| EPB Switch Status                   | Idle                            |   |
| Supplier Internal Code              | 268                             |   |

**ABSO | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | C1 00 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | False      |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | Occurrence |       |
| Controller Event                        | No         |       |
| Mirror Memory                           | No         |       |
| Undervoltage Suspected                  | No         |       |
| Original Odometer Value                 | 7993       | miles |
| Most Recent Odometer Value              | 7993       | miles |
| Frequency Counter                       | 1          |       |
| Ignition Cycle Counter                  | 0          |       |

|                                     |                                 |       |
|-------------------------------------|---------------------------------|-------|
| Fault Time                          | 482.40                          | S     |
| Current System Mode                 | Ignition Run                    |       |
| Previous System Mode                | Ignition Run                    |       |
| System Condition                    | ESC/TSC Fault                   |       |
| Supply Voltage Valves               | 14.6                            | V     |
| Brake Pedal Status                  | Released                        |       |
| Supply voltage Pump                 | 14.6                            | V     |
| Brake Pedal Travel Sensor Position  | 0                               | %     |
| Ignition Unfiltered                 | 14.6                            | V     |
| Wheel Speed Left Front              | 16.777                          | MPH   |
| Rotation Direction Left Front       | Forward                         |       |
| Wheel Speed Right Front             | 15.659                          | MPH   |
| Rotation Direction Right Front      | Forward                         |       |
| Wheel Speed Left Rear               | 16.777                          | MPH   |
| Rotation Direction Left Rear        | Forward                         |       |
| Wheel Speed Right Rear              | 15.659                          | MPH   |
| Rotation Direction Right Rear       | Forward                         |       |
| Steering Wheel Angle                | -12.80                          | °     |
| Longitudinal Acceleration           | 0.00                            | m/s^2 |
| Lateral Acceleration                | 0.00                            | m/s^2 |
| Yaw Rate                            | 0.000                           | °/s   |
| Primary Circuit Pressure            | 0.00                            | PSI   |
| Engine Speed                        | 0.0                             | rpm   |
| Accelerator Pedal Position          | 14.4                            | %     |
| ABS control                         | Not active                      |       |
| ASR control                         | Not active                      |       |
| MSR control                         | Not active                      |       |
| EBV control                         | Not active                      |       |
| ESP Control                         | Not active                      |       |
| HSA control                         | Not active                      |       |
| HBA control                         | Not active                      |       |
| Hold                                | No                              |       |
| Braking assistance system           | No Assistance System Is Braking |       |
| Plant Mode                          | No                              |       |
| EPB Mode Status                     | Static                          |       |
| BLS High                            | No                              |       |
| BLS Low                             | Yes                             |       |
| Park Brake                          | Not Activated                   |       |
| ESP-OFF mode                        | No                              |       |
| Clutch                              | Not Activated                   |       |
| Stop Coordinator Active             | No                              |       |
| Actual Gear                         | 1                               |       |
| Transmission selector lever setting | D                               |       |
| Status Parking Brake Left           | Brake is Released               |       |

|                            |                   |  |
|----------------------------|-------------------|--|
| Status Parking Brake Right | Brake is Released |  |
| EPB Switch Status          | Idle              |  |
| Supplier Internal Code     | 285               |  |

**ABSO | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-**

| NAME                                    | VALUE         | UNITS |
|-----------------------------------------|---------------|-------|
| DTC                                     | C2 93 00      |       |
| Test Failed                             | False         |       |
| Test Failed This Operation Cycle        | False         |       |
| Pending DTC                             | False         |       |
| Confirmed DTC                           | True          |       |
| Test Not Completed Since Last Clear     | False         |       |
| Test Failed Since Last Clear            | False         |       |
| Test Not Completed This Operation Cycle | False         |       |
| Warning Indicator Requested             | False         |       |
| Occurrence flag                         | Occurrence    |       |
| Controller Event                        | No            |       |
| Mirror Memory                           | No            |       |
| Undervoltage Suspected                  | No            |       |
| Original Odometer Value                 | 7993          | miles |
| Most Recent Odometer Value              | 7993          | miles |
| Frequency Counter                       | 1             |       |
| Ignition Cycle Counter                  | 0             |       |
| Fault Time                              | 482.40        | S     |
| Current System Mode                     | Ignition Run  |       |
| Previous System Mode                    | Ignition Run  |       |
| System Condition                        | ESC/TSC Fault |       |
| Supply Voltage Valves                   | 14.6          | V     |
| Brake Pedal Status                      | Released      |       |
| Supply voltage Pump                     | 14.6          | V     |
| Brake Pedal Travel Sensor Position      | 0             | %     |
| Ignition Unfiltered                     | 14.6          | V     |
| Wheel Speed Left Front                  | 16.777        | MPH   |
| Rotation Direction Left Front           | Forward       |       |
| Wheel Speed Right Front                 | 15.659        | MPH   |
| Rotation Direction Right Front          | Forward       |       |
| Wheel Speed Left Rear                   | 16.777        | MPH   |
| Rotation Direction Left Rear            | Forward       |       |
| Wheel Speed Right Rear                  | 15.659        | MPH   |
| Rotation Direction Right Rear           | Forward       |       |
| Steering Wheel Angle                    | -12.80        | °     |
| Longitudinal Acceleration               | 0.00          | m/s^2 |
| Lateral Acceleration                    | 0.00          | m/s^2 |
| Yaw Rate                                | 0.000         | °/s   |

|                                     |                                 |     |
|-------------------------------------|---------------------------------|-----|
| Primary Circuit Pressure            | 0.00                            | PSI |
| Engine Speed                        | 0.0                             | rpm |
| Accelerator Pedal Position          | 14.4                            | %   |
| ABS control                         | Not active                      |     |
| ASR control                         | Not active                      |     |
| MSR control                         | Not active                      |     |
| EBV control                         | Not active                      |     |
| ESP Control                         | Not active                      |     |
| HSA control                         | Not active                      |     |
| HBA control                         | Not active                      |     |
| Hold                                | No                              |     |
| Braking assistance system           | No Assistance System Is Braking |     |
| Plant Mode                          | No                              |     |
| EPB Mode Status                     | Static                          |     |
| BLS High                            | No                              |     |
| BLS Low                             | Yes                             |     |
| Park Brake                          | Not Activated                   |     |
| ESP-OFF mode                        | No                              |     |
| Clutch                              | Not Activated                   |     |
| Stop Coordinator Active             | No                              |     |
| Actual Gear                         | 1                               |     |
| Transmission selector lever setting | D                               |     |
| Status Parking Brake Left           | Brake is Released               |     |
| Status Parking Brake Right          | Brake is Released               |     |
| EPB Switch Status                   | Idle                            |     |
| Supplier Internal Code              | 309                             |     |

**ABS0 | U0151-00 | Stored | Lost Communication with Occupant Restraint Controller (ORC)-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | C1 51 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | False      |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | Occurrence |       |
| Controller Event                        | No         |       |
| Mirror Memory                           | No         |       |
| Undervoltage Suspected                  | No         |       |
| Original Odometer Value                 | 7993       | miles |
| Most Recent Odometer Value              | 7993       | miles |

|                                    |                                 |                  |
|------------------------------------|---------------------------------|------------------|
| Frequency Counter                  | 1                               |                  |
| Ignition Cycle Counter             | 0                               |                  |
| Fault Time                         | 479.80                          | S                |
| Current System Mode                | Ignition Run                    |                  |
| Previous System Mode               | Ignition Run                    |                  |
| System Condition                   | OK                              |                  |
| Supply Voltage Valves              | 14.6                            | V                |
| Brake Pedal Status                 | Released                        |                  |
| Supply voltage Pump                | 14.7                            | V                |
| Brake Pedal Travel Sensor Position | 0                               | %                |
| Ignition Unfiltered                | 14.6                            | V                |
| Wheel Speed Left Front             | 19.014                          | MPH              |
| Rotation Direction Left Front      | Forward                         |                  |
| Wheel Speed Right Front            | 19.014                          | MPH              |
| Rotation Direction Right Front     | Forward                         |                  |
| Wheel Speed Left Rear              | 19.014                          | MPH              |
| Rotation Direction Left Rear       | Forward                         |                  |
| Wheel Speed Right Rear             | 19.014                          | MPH              |
| Rotation Direction Right Rear      | Forward                         |                  |
| Steering Wheel Angle               | 0.00                            | °                |
| Longitudinal Acceleration          | 0.87                            | m/s <sup>2</sup> |
| Lateral Acceleration               | 0.00                            | m/s <sup>2</sup> |
| Yaw Rate                           | 0.000                           | °/s              |
| Primary Circuit Pressure           | 0.00                            | PSI              |
| Engine Speed                       | 0.0                             | rpm              |
| Accelerator Pedal Position         | 11.6                            | %                |
| ABS control                        | Not active                      |                  |
| ASR control                        | Not active                      |                  |
| MSR control                        | Not active                      |                  |
| EBV control                        | Not active                      |                  |
| ESP Control                        | Not active                      |                  |
| HSA control                        | Not active                      |                  |
| HBA control                        | Not active                      |                  |
| Hold                               | No                              |                  |
| Braking assistance system          | No Assistance System Is Braking |                  |
| Plant Mode                         | No                              |                  |
| EPB Mode Status                    | Static                          |                  |
| BLS High                           | No                              |                  |
| BLS Low                            | Yes                             |                  |
| Park Brake                         | Not Activated                   |                  |
| ESP-OFF mode                       | No                              |                  |
| Clutch                             | Not Activated                   |                  |
| Stop Coordinator Active            | No                              |                  |
| Actual Gear                        | 1                               |                  |

|                                     |                   |  |
|-------------------------------------|-------------------|--|
| Transmission selector lever setting | D                 |  |
| Status Parking Brake Left           | Brake is Released |  |
| Status Parking Brake Right          | Brake is Released |  |
| EPB Switch Status                   | Idle              |  |
| Supplier Internal Code              | 320               |  |

**ABS0 | U0212-00 | Stored | Lost Communication With Steering Column Control Module-**

| NAME                                    | VALUE         | UNITS |
|-----------------------------------------|---------------|-------|
| DTC                                     | C2 12 00      |       |
| Test Failed                             | False         |       |
| Test Failed This Operation Cycle        | False         |       |
| Pending DTC                             | False         |       |
| Confirmed DTC                           | True          |       |
| Test Not Completed Since Last Clear     | False         |       |
| Test Failed Since Last Clear            | False         |       |
| Test Not Completed This Operation Cycle | False         |       |
| Warning Indicator Requested             | False         |       |
| Occurrence flag                         | Occurrence    |       |
| Controller Event                        | No            |       |
| Mirror Memory                           | No            |       |
| Undervoltage Suspected                  | No            |       |
| Original Odometer Value                 | 7993          | miles |
| Most Recent Odometer Value              | 7993          | miles |
| Frequency Counter                       | 1             |       |
| Ignition Cycle Counter                  | 0             |       |
| Fault Time                              | 482.20        | S     |
| Current System Mode                     | Ignition Run  |       |
| Previous System Mode                    | Ignition Run  |       |
| System Condition                        | ESC/TSC Fault |       |
| Supply Voltage Valves                   | 14.6          | V     |
| Brake Pedal Status                      | Released      |       |
| Supply voltage Pump                     | 14.6          | V     |
| Brake Pedal Travel Sensor Position      | 0             | %     |
| Ignition Unfiltered                     | 14.6          | V     |
| Wheel Speed Left Front                  | 16.777        | MPH   |
| Rotation Direction Left Front           | Forward       |       |
| Wheel Speed Right Front                 | 16.777        | MPH   |
| Rotation Direction Right Front          | Forward       |       |
| Wheel Speed Left Rear                   | 16.777        | MPH   |
| Rotation Direction Left Rear            | Forward       |       |
| Wheel Speed Right Rear                  | 15.659        | MPH   |
| Rotation Direction Right Rear           | Forward       |       |
| Steering Wheel Angle                    | -12.80        | °     |
| Longitudinal Acceleration               | 0.00          | m/s^2 |

|                                     |                                 |       |
|-------------------------------------|---------------------------------|-------|
| Lateral Acceleration                | 0.00                            | m/s^2 |
| Yaw Rate                            | 0.000                           | °/s   |
| Primary Circuit Pressure            | 0.00                            | PSI   |
| Engine Speed                        | 0.0                             | rpm   |
| Accelerator Pedal Position          | 14.4                            | %     |
| ABS control                         | Not active                      |       |
| ASR control                         | Not active                      |       |
| MSR control                         | Not active                      |       |
| EBV control                         | Not active                      |       |
| ESP Control                         | Not active                      |       |
| HSA control                         | Not active                      |       |
| HBA control                         | Not active                      |       |
| Hold                                | No                              |       |
| Braking assistance system           | No Assistance System Is Braking |       |
| Plant Mode                          | No                              |       |
| EPB Mode Status                     | Static                          |       |
| BLS High                            | No                              |       |
| BLS Low                             | Yes                             |       |
| Park Brake                          | Not Activated                   |       |
| ESP-OFF mode                        | No                              |       |
| Clutch                              | Not Activated                   |       |
| Stop Coordinator Active             | No                              |       |
| Actual Gear                         | 1                               |       |
| Transmission selector lever setting | D                               |       |
| Status Parking Brake Left           | Brake is Released               |       |
| Status Parking Brake Right          | Brake is Released               |       |
| EPB Switch Status                   | Idle                            |       |
| Supplier Internal Code              | 346                             |       |

#### SGW | U0001-00 | Stored | CAN C Bus-

| NAME                                     | VALUE                                                                                                                               | UNITS |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------|
| Test Failed                              | False                                                                                                                               |       |
| Test Failed This Monitoring Cycle        | False                                                                                                                               |       |
| Pending DTC                              | False                                                                                                                               |       |
| Confirmed DTC                            | True                                                                                                                                |       |
| Test Not Completed This Monitoring Cycle | False                                                                                                                               |       |
| Warning Indicator Requested              | False                                                                                                                               |       |
| DTCExtendedDataRecordNumber              | Record \$01-\$8f                                                                                                                    |       |
| Event Counter                            | Event counter for clear DTC memory                                                                                                  |       |
| Cycle to Switch Warning Lamp OFF         | 3 = error present (3 cycle consecutive for switch MIL OFF) 0 = error Not present 1..2 = number cycle consecutive for switch MIL OFF |       |

#### TBM2 | U0129-00 | Stored | Lost Communication With Brake System Control Module 1-

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

|                                         |          |  |
|-----------------------------------------|----------|--|
| DTC                                     | C1 29 00 |  |
| Test Failed                             | False    |  |
| Test Failed This Operation Cycle        | False    |  |
| Pending DTC                             | False    |  |
| Confirmed DTC                           | True     |  |
| Test Not Completed Since Last Clear     | False    |  |
| Test Failed Since Last Clear            | True     |  |
| Test Not Completed This Operation Cycle | False    |  |
| Warning Indicator Requested             | False    |  |
| DTC Extended Data Record Number - All   | 01       |  |
| Frequency Counter                       | 4        |  |

**TBM2 | U0140-00 | Stored | Lost Communication With Body Control Module-**

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 40 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| DTC Extended Data Record Number - All   | 01       |       |
| Frequency Counter                       | 10       |       |

**TBM2 | U0151-00 | Stored | Lost Communication with Occupant Restraint Controller (ORC)-**

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 51 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | False    |       |
| Confirmed DTC                           | True     |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| DTC Extended Data Record Number - All   | 01       |       |
| Frequency Counter                       | 3        |       |

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

| NAME        | VALUE    | UNITS |
|-------------|----------|-------|
| DTC         | C4 52 64 |       |
| Test Failed | False    |       |

|                                         |       |  |
|-----------------------------------------|-------|--|
| Test Failed This Operation Cycle        | False |  |
| Pending DTC                             | False |  |
| Confirmed DTC                           | True  |  |
| Test Not Completed Since Last Clear     | False |  |
| Test Failed Since Last Clear            | True  |  |
| Test Not Completed This Operation Cycle | False |  |
| Warning Indicator Requested             | False |  |
| DTC Extended Data Record Number - All   | 01    |  |
| Frequency Counter                       | 2     |  |

## SNAPSHOT DATA SUMMARY

No Snapshot Data available for B1810

No Snapshot Data available for U11E9

No Snapshot Data available for P1C4E

No Snapshot Data available for U1817

No Snapshot Data available for U113E

No Snapshot Data available for U110E

No Snapshot Data available for U0155

No Snapshot Data available for U115E

No Snapshot Data available for U1226

No Snapshot Data available for U0168

No Snapshot Data available for U110C

No Snapshot Data available for U1110

No Snapshot Data available for U1120

No Snapshot Data available for U110A

No Snapshot Data available for U1186

No Snapshot Data available for U1199

No Snapshot Data available for U0140

No Snapshot Data available for U1141

No Snapshot Data available for U11BC

No Snapshot Data available for U11C2

No Snapshot Data available for U017E

No Snapshot Data available for B25C7

No Snapshot Data available for P04CA

No Snapshot Data available for U0212

No Snapshot Data available for U0001-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0103-00

No Snapshot Data available for U0155-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0001-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U0101-00

No Snapshot Data available for U148D-00

No Snapshot Data available for U1215-00

No Snapshot Data available for U0159-00

No Snapshot Data available for U0121-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0155-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0422-00

No Snapshot Data available for U0422-00

No Snapshot Data available for U0422-00

No Snapshot Data available for U0001-00

No Snapshot Data available for U0002-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U0429-00

No Snapshot Data available for U0001-00

No Snapshot Data available for U1216-00

No Snapshot Data available for U1215-00

No Snapshot Data available for U11B9-00

No Snapshot Data available for U0212-00

No Snapshot Data available for U0155-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U11E8-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0159-00

No Snapshot Data available for U151A-87

No Snapshot Data available for U1514-87

No Snapshot Data available for U0002-00

No Snapshot Data available for P0070-15

No Snapshot Data available for C2227-00

No Snapshot Data available for U0121-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U110A-00

No Snapshot Data available for U121E-00

No Snapshot Data available for U0401-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0415-00

No Snapshot Data available for C212A-84

No Snapshot Data available for U0002-00

No Snapshot Data available for U0140-00

No Snapshot Data available for B2206-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0422-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0422-00

No Snapshot Data available for P0513-00

No Snapshot Data available for U0001-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0103-00

No Snapshot Data available for U0121-00

No Snapshot Data available for U0151-00

No Snapshot Data available for U0155-00

No Snapshot Data available for U11DD-00

No Snapshot Data available for U1850-00

No Snapshot Data available for U1852-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0422-00

No Snapshot Data available for C0021-00

No Snapshot Data available for U0104-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0002-00

No Snapshot Data available for U1226-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0151-00

No Snapshot Data available for U0212-00

**SGW | U0001-00 | Stored | CAN C Bus-**  
**Record 0**

| NAME                                      | VALUE     | UNITS |
|-------------------------------------------|-----------|-------|
| TestFailed                                | False     |       |
| TestFailedThisMonitoringCycle             | False     |       |
| Pending DTC                               | False     |       |
| Confirmed DTC                             | True      |       |
| Test Not Completed This Monitoring Cycle  | False     |       |
| Warning Indicator Requested               | False     |       |
| DTC Snapshot Record Number                | Record #1 |       |
| DTC Snapshot Record Number Of Identifiers | 5         |       |
| Key On Counter                            | 1413      |       |
| DTC Failure Type Byte                     | 2F        |       |
| Battery Voltage (+30)                     | 14.60     | V     |

No Snapshot Data available for U0129-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0151-00

No Snapshot Data available for U0452-64