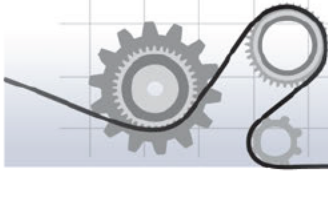


INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552(B)(6)


**WI**  
**TECH 2.0**

## CONFIGURATION REPORT

**Vehicle** 2021 JEEP WRANGLER(PHEV) 2.0L I4 DOHC DI TURBO PHEV ENGINE  
**VIN** [REDACTED]

**Odometer** 5906.3 miles  
**Publication Date** Apr 11, 2022, 1:15:29 PM

## ECU SUMMARY INFO

| ECU   | NAME                               | BUS TYPE | FLASH PART # | CURRENT VIN | ORIGINAL VIN | PART #     |
|-------|------------------------------------|----------|--------------|-------------|--------------|------------|
| TCM   | Transmission Control Module        | CAN-C    | 68478030AN   | [REDACTED]  | [REDACTED]   | 68478030AN |
| PCM   | Powertrain Control Module          | CAN-C    | 68477593AM   |             |              | 68477593AM |
| ICS   | Integrated Center Stack            | CAN-I    | 6SX95DX9AE   |             |              | 6SX95DX9AE |
| RFH   | Radio Frequency Hub                | CAN-C    | 56029925AA   |             |              | 56029925AA |
| ESM   | Electronic Shifter                 | CAN-C    | 04670716AC   |             |              | 04670716AC |
| DTCM  | Drive Train Control Module         | CAN-C    | 68547688AB   |             |              | 68547688AB |
| ORC   | Occupant Restraint                 | CAN-C    | 68526670AB   |             |              | 68526670AB |
| EPS   | Electric Power Steering            | CAN-C    | 68529427AC   |             |              | 68529427AC |
| HVAC  | Heat, Ventilation and A/C          | CAN-I    | 68496562AC   |             |              | 68496562AC |
| CSWM  | Comfort Seat Wheel Module          | CAN-I    | 68510873AA   |             |              | 68510873AA |
| AMP   | Amplifier                          | CAN-I    | 68549084AA   |             |              | 68549084AA |
| IPC   | Instrument Panel Cluster           | CAN-C    | 68499481AE   |             |              | 68499481AE |
| SCCM  | Steering Column Control Module     | CAN-C    | 68526258AA   |             |              | 68526258AA |
| BCM   | Body Controller                    | CAN-C    | 68496169AE   |             |              | 68496168AE |
| RADIO | Radio                              | CAN-I    | 68472587AI   |             |              | 68472587AI |
| OCM   | Occupant Classification            | CAN-C    | 68403128AA   |             |              | 68403128AA |
| BPCM  | Battery Pack Control Module        | CAN-C    | 05193168AG   |             |              | 05193168AG |
| HCP   | Hybrid Control Processor           | CAN-C    | 68451035AR   |             |              | 68451035AR |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C    | 68498791AR   |             |              | 68498791AR |

|      |                                  |       |            |  |            |
|------|----------------------------------|-------|------------|--|------------|
| ABSO | Anti Lock Brakes OBD             | CAN-C | 68395967AN |  | 68395967AN |
| SGW  | Security Gateway Module          | CAN-C | 68488416AB |  | 68488416AB |
| DPDM | Driver Presence Detection Module | CAN-C | 68403129AA |  | 68403129AA |
| IDCM | Integrated Dual Charge Module    | CAN-C | 05185035AP |  | 05185035AP |

## ECU SUMMARY INFO (CONT...)

| ECU   | COUNTRY CODE        | HARDWARE VERSION | SOFTWARE VERSION | IDENT | CVNS                             |
|-------|---------------------|------------------|------------------|-------|----------------------------------|
| TCM   | USA / USA           | 13 05 0E         | 15 19 00         | 4700  | 5F972480                         |
| PCM   | USA                 | 1D 47            | 21 21 00         | 4928  | 13C074B5                         |
| ICS   | USA                 | 10 1E 00         | 14 33 00         | 4802  |                                  |
| RFH   | USA / USA           | 10 31 00         | 14 30 00         | 4604  |                                  |
| ESM   | USA                 | 13 0C 00         | 12 2A 00         | 4322  |                                  |
| DTCM  | USA                 | 11 22 00         | 15 0A 01         | 4501  |                                  |
| ORC   | USA                 | 14 0B 00         | 14 12 01         | 4501  |                                  |
| EPS   | USA                 | 10 13 00         | 14 31 DC         | 4005  |                                  |
| HVAC  | USA                 | 13 20 00         | 14 18 01         | 4420  |                                  |
| CSWM  | USA                 | 10 2B 00         | 14 08 00         | 4202  |                                  |
| AMP   | USA                 | 21 01 01         | 15 0B 00         | 4034  |                                  |
| IPC   | USA                 | 21 18 01         | 15 0F 01         | 4805  |                                  |
| SCCM  | USA                 | 13 28 00         | 13 29 00         | 4301  |                                  |
| BCM   | USA                 | 0D 11 00         | 14 2F 50         | 4625  |                                  |
| RADIO | USA                 | 15 0E 14         | 15 0E 14         | 8205  |                                  |
| OCM   | USA                 | 11 31 01         | 11 07 04         | 4060  |                                  |
| BPCM  | Rest of world / ROW | 13 0C 04         | 15 06 43         | 5701  | C3870F1B                         |
| HCP   | USA                 | 15 0C 04         | 15 11 63         | 5403  | C7B99A11<br>D209CE73<br>A6B8D890 |
| AHCP  | USA                 | 15 0C 04         | 14 33 01         | 5600  |                                  |
| ABSO  | USA                 | 15 16 00         | 15 19 02         | 4300  | 83C08F22                         |
| SGW   |                     | 5                | 955              | 4103  |                                  |
| DPDM  | USA                 | 11 31 01         | 11 0F 04         | 4510  |                                  |
| IDCM  | USA                 | 14 1D 00         | 15 1B 00         | 4000  |                                  |

## CONFIGURATION

### TCM CONFIGURATION

| NAME                                                                | VALUE | UNITS |
|---------------------------------------------------------------------|-------|-------|
| ERS/Autostick/Tip Non-paddle on Shifter in D position equipped      | False |       |
| 4WD with switchable Lo Range equipped                               | False |       |
| FWD Equipped                                                        | False |       |
| Short Learn Enabled                                                 | False |       |
| ERS/Autostick/Tip Non-paddle on Shifter in A or M position equipped | False |       |
| ERS/Autostick/Tip Non-paddle on Steering Wheel equipped             | True  |       |

|                                                                                |       |  |
|--------------------------------------------------------------------------------|-------|--|
| Shifter with Sport Mode Position Equipped                                      | False |  |
| Overdrive Off or Tow Haul Mode Switch or Virtual Switch (Non-Terrain) Equipped | False |  |
| ECO/Optimizer Switch Equipped                                                  | False |  |
| Engine Start/Stop equipped                                                     | False |  |
| Sport Mode Switch or Virtual Switch (Non-Terrain) Equipped                     | False |  |
| Shifter with Low Mode Position Equipped                                        | False |  |
| Autostick/ERS On/Off Switch Equipped                                           | False |  |
| Paddle-Shift Switches Equipped                                                 | False |  |
| RWD Equipped                                                                   | False |  |
| Long Learn Enabled                                                             | False |  |
| AWD Equipped                                                                   | False |  |
| Polystable E-shift (Cableless without return-to-center) equipped               | False |  |

## PCM CONFIGURATION

| NAME                                           | VALUE        | UNITS |
|------------------------------------------------|--------------|-------|
| Active Exhaust Pressure Sensor Equipped        | False        |       |
| Secondary Mass Airflow Sensor Equipped         | False        |       |
| Active Exhaust Valve(s) Equipped               | False        |       |
| Electronic Parking Brake Equipped              | False        |       |
| Aux Coolant Pump Heater Equipped               | False        |       |
| Heater Temp Control Valve Equipped             | False        |       |
| Wastegate HBridge Equipped                     | True         |       |
| Mechanical Coolant Pump Equipped               | False        |       |
| High Side Port Tumble Valve Equipped           | False        |       |
| Cooled EGR Equipped                            | True         |       |
| Auxillary Coolant Pump Equipped                | True         |       |
| Supercharger Equipped                          | False        |       |
| HPT 6-Speed Trans Equipped                     | False        |       |
| Hybrid MEC Shifter Equipped                    | False        |       |
| ZF 9-Speed Trans Equipped                      | False        |       |
| CNG Large Gas Tank Equipped                    | False        |       |
| PTO System Equipped                            | False        |       |
| Dual Alternator Gen1 Capable                   | False        |       |
| Engine Idle Shutoff Equipped                   | False        |       |
| Low Temp Radiator Coolant Pump Equipped        | False        |       |
| Dual Fuel Tank Equipped                        | False        |       |
| A/C Relay Powered from Engine Switched Battery | False        |       |
| Engine Oil Pressure Sensor Type                | 255          | None  |
| 2.0 Liter I4 Direct Injection Engine           | True         |       |
| Coolant On-Off Pump Equipped                   | Equipped     |       |
| 1.0 Liter I3 Engine                            | False        |       |
| Variable Valve Lift Equipped                   | Not Equipped |       |
| Primary Lin Alternator Equipped                | Not Equipped |       |
| Active Exhaust Pressure Sensor Equipped        | False        |       |

|                                                                    |       |  |
|--------------------------------------------------------------------|-------|--|
| Exhaust Cam 1 Equipped                                             | True  |  |
| Active Exhaust Valve Equipped                                      | False |  |
| Linear PWM Fan Relay System Equipped                               | True  |  |
| Auxiliary Coolant Pump Equipped                                    | True  |  |
| 3.6 Liter V6 Engine                                                | False |  |
| EMAT (Getrag DCT transmission) Equipped                            | False |  |
| Primary Lin Alternator Equipped                                    | False |  |
| Knock Sensor 1 Equipped                                            | True  |  |
| 4 Speed Automatic Transmission Equipped                            | False |  |
| Electric Water Pump Equipped                                       | False |  |
| 3.5 Liter V6 Engine                                                | False |  |
| Power Steering Switch Equipped                                     | False |  |
| Auxiliary Heater Electric Water Pump Equipped                      | False |  |
| Fiat 940 Compact Equipped                                          | False |  |
| Adaptive Cruise Control Equipped                                   | False |  |
| Unleaded Gasoline Fuel                                             | True  |  |
| Active Engine Mount Equipped                                       | False |  |
| 4.7 Liter V8 Engine                                                | False |  |
| ICC Cruise Equipped                                                | False |  |
| 6.4 Liter V8 Engine                                                | False |  |
| Transmission Software Included                                     | False |  |
| ETC Cruise equipped                                                | True  |  |
| Rear Heater Equipped                                               | False |  |
| AC Equipped                                                        | False |  |
| TIP Equipped                                                       | True  |  |
| Buffered Crank Output for ANC (Active Noise Cancellation) Equipped | True  |  |
| Buffered Crank Output for PHEV Engine Pulse Calculation Equipped   | True  |  |
| Continuous Variable Transmission Equipped                          | False |  |
| SRV Equipped                                                       | False |  |
| Dual Speed Fuel Pump Equipped                                      | False |  |
| O2 Sensor Bank 1 Sensor 3 Equipped                                 | False |  |
| Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped               | False |  |
| 2 Speed Fan 3 Driver 3 Relay System Equipped                       | False |  |
| Dual Fuel Tank Equipped                                            | False |  |
| PWM Fan Motor System Equipped                                      | False |  |
| Brake Pedal Sensor Equipped                                        | True  |  |
| Constant Heater Temperature Control Valve Equipped                 | False |  |
| GPEC3 Equipped                                                     | False |  |
| VLP Is Learnable Indicator                                         | False |  |
| 1 Speed Fan Mechanical Relay System Equipped                       | False |  |
| Engine Oil Heater Cooler Equipped                                  | True  |  |
| Fiat VIN Learning Strategy Equipped                                | False |  |
| Mechanical Coolant Pump Heater Equipped                            | False |  |
| 2.0 Liter W14 engine                                               | False |  |

|                                                          |           |  |
|----------------------------------------------------------|-----------|--|
| VFS Actuators Available Indicator                        | False     |  |
| O2 Sensor Bank 1 Sensor 1 Equipped                       | True      |  |
| Coolant On-Off Valve Equipped                            | False     |  |
| 45RFE / 545RFE / 65RFE                                   | False     |  |
| Vehicle Speed Sensor #1 Calculated by ECU                | False     |  |
| Shift Indicator Lamp Equipped                            | False     |  |
| Wide Range O2 Sensor 1/1 Equipped                        | True      |  |
| GPEC2 Equipped                                           | False     |  |
| Supercharger Equipped                                    | False     |  |
| Variable Displacement AC Equipped                        | False     |  |
| 1.0 Liter I3 Engine                                      | False     |  |
| Electric Thermostat Heater Equipped                      | False     |  |
| 2 Speed Fan PWM Relay System Equipped                    | False     |  |
| PTO System Equipped                                      | False     |  |
| High Side Port Tumble Valve Equipped                     | Undefined |  |
| Tumble Generator Valve Equipped                          | False     |  |
| 3.8 Liter V6 Engine                                      | False     |  |
| 3.0 Liter V6 Engine                                      | False     |  |
| Starter Relay 2 Equipped                                 | False     |  |
| 40TE / 41TE / 41TEA                                      | False     |  |
| Wastegate H-Bridge Equipped                              | 01        |  |
| Linear EGR Equipped                                      | False     |  |
| ZF 9-Speed Transmission Equipped                         | False     |  |
| Direct Injection Equipped                                | True      |  |
| Cummins Equipped                                         | False     |  |
| 3.3 Liter V6 Engine                                      | False     |  |
| ESIM Equipped                                            | False     |  |
| Hybrid Electric Vehicle Equipped                         | True      |  |
| WI4 Variable Valve Timing Equipped                       | True      |  |
| Engine Idle Shutoff Equipped                             | False     |  |
| Intake Cam 1 Equipped                                    | True      |  |
| O2 Sensor Bank 2 Sensor 1 Equipped                       | False     |  |
| 3.2 Liter V6 Engine                                      | False     |  |
| Cooled EGR Equipped                                      | True      |  |
| Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped     | False     |  |
| VLP Equipped Indicator                                   | False     |  |
| Low Temperature Radiator Coolant Pump Equipped           | False     |  |
| Dual Stage Oil Pump Equipped                             | True      |  |
| CUSW PROXI Write Programming Support Enabled             | True      |  |
| 6.1 Liter V8 Engine                                      | False     |  |
| 42RLE                                                    | False     |  |
| Humidity, Temperature and Pressure Sensor (LIN) Equipped | False     |  |
| Compressed Natural Gas Equipped                          | False     |  |
| HPT 6-Speed Transmission Equipped                        | False     |  |

|                                                      |                              |  |
|------------------------------------------------------|------------------------------|--|
| Secondary Fuel Pump Equipped                         | False                        |  |
| Adaptive Cruise Control Hardware Equipped            | False                        |  |
| 2.7 Liter V6 Engine                                  | False                        |  |
| WI4 Intake Flow Control Valve Equipped               | False                        |  |
| Engine Stop Start Equipped                           | False                        |  |
| Coolant On-Off Pump Equipped                         | True                         |  |
| MDS Equipped                                         | False                        |  |
| DUAL_ALTERNATOR_GEN1_LEARNEDCOPY                     | False                        |  |
| Next Gen Bus Equipped                                | False                        |  |
| 2.4 Liter WI4 engine                                 | False                        |  |
| Transmission Oil Heater Equipped                     | False                        |  |
| Brushless PWM Fan Equipped                           | FAN_PWM_BOSCH_BRUSHLESS_CNFG |  |
| Auxiliary Coolant Pump Heater Equipped               | Undefined                    |  |
| 2 Speed Fan Mechanical Relay System Equipped         | False                        |  |
| Aisin 6-Speed RWD Transmission Equipped              | False                        |  |
| CMCV H-Bridge Equipped                               | Undefined                    |  |
| Turbine Volute Valve Actuator Equipped               | Undefined                    |  |
| MultiAir Equipped                                    | False                        |  |
| Active Grille Shutter Equipped                       | False                        |  |
| Intake Cam 2 Equipped                                | False                        |  |
| Electronic Throttle Control Equipped                 | True                         |  |
| O2 Sensor Bank 1 Sensor 2 Equipped                   | True                         |  |
| Duty Cycle Purge Valve Equipped                      | True                         |  |
| Throttle Inlet Temp Sensor Equipped                  | True                         |  |
| Fixed displacement AC Equipped                       | False                        |  |
| Yaw Rate Sensor ESC Equipped                         | True                         |  |
| 3 Speed Fan Mechanical Relay System Equipped         | False                        |  |
| Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped | False                        |  |
| Clutch Interlock Switch Equipped                     | False                        |  |
| Powernet Equipped                                    | False                        |  |
| Electric Coolant Valve Equipped                      | False                        |  |
| Electronic Automatic Transmission (EATX) Equipped    | False                        |  |
| 4 Button Integrated Cruise Control                   | False                        |  |
| Inrush Current Reduction Relay Equipped              | False                        |  |
| 1.8 Liter WI4 engine                                 | False                        |  |
| Trans Reverse Lockout Equipped                       | False                        |  |
| CUSW (11-Bit) Equipped                               | False                        |  |
| 4.0 Liter I6 Engine                                  | False                        |  |
| Sensorless FFV Enabled                               | False                        |  |
| 3.7 Liter V6 Engine                                  | False                        |  |
| Knock Sensor 2 Equipped                              | True                         |  |
| Battery Temp Sensor Equipped                         | False                        |  |
| GPEC2A Equipped                                      | False                        |  |
| Barometric Sensor Equipped                           | True                         |  |

|                                                  |       |  |
|--------------------------------------------------|-------|--|
| Exhaust Cam 2 Equipped                           | False |  |
| AC Equipped Over Bus                             | False |  |
| 5.7 Liter V8 Engine                              | False |  |
| Linear Purge Equipped                            | False |  |
| Unleaded diesel fuel                             | False |  |
| Electronic Vacuum Pump Equipped                  | False |  |
| Dual Fuel Pressure Sensor Equipped               | True  |  |
| Oil Pressure Sensor Enabled                      | True  |  |
| Fan Wake Up Relay System Equipped                | False |  |
| Turbocharger Equipped                            | True  |  |
| 62TE                                             | False |  |
| Wide Range O2 Sensor 2/1 Equipped                | False |  |
| MTV Solenoid Equipped                            | False |  |
| ERS Equipped Indicator                           | False |  |
| O2 Sensor Bank 2 Sensor 2 Equipped               | False |  |
| Electronic Coolant Pump Equipped                 | False |  |
| Variable Speed Fuel Pump Equipped                | True  |  |
| Engine Software In Package                       | True  |  |
| Vehicle Speed Sensor #1 Calculated from CAN      | False |  |
| Viscosity Sensor Equipped                        | False |  |
| VMM Equipped                                     | False |  |
| A/C Equipped                                     | True  |  |
| 6.2 Liter V8 Engine                              | False |  |
| CUSW (29-Bit) Equipped                           | False |  |
| GPEC4 Equipped                                   | True  |  |
| Secondary Air Equipped                           | False |  |
| Port Flap Valve Equipped                         | False |  |
| 66RFE / 68RFE                                    | False |  |
| TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED                | True  |  |
| Operator Idle Speed Request Equipped             | False |  |
| Police Package Equipped                          | False |  |
| Trans Skip Shift Equipped                        | False |  |
| Mass Airflow System Equipped                     | False |  |
| Operator Idle Speed Request Equipped             | False |  |
| INTAKE O2 SENSOR EQUIPPED                        | False |  |
| Clutch Sensor Equipped                           | False |  |
| 5 Button Cruise (LIN) Equipped                   | True  |  |
| LIN Humidity, Temp, and Pressure Sensor Equipped | False |  |
| Make Up Air Sensor Equipped                      | True  |  |
| Brake Pedal Sensor Equipped                      | True  |  |
| Cylinder Pressure Sensor Equipped                | False |  |
| SWAP HARDWIRED BRAKE SWITCH INPUTS               | True  |  |
| Power Steering Angle Sensor Mandatory            | False |  |
| Bi-Directional Crank Sensor Equipped             | True  |  |

|                                     |         |  |
|-------------------------------------|---------|--|
| Dual Fuel Pressure Sensor Equipped  | True    |  |
| Throttle Inlet Temp Sensor Equipped | True    |  |
| CUSW 4-Button Cruise Equipped       | False   |  |
| Remote Start Present                | Present |  |

## ICS CONFIGURATION

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

## RFH CONFIGURATION

| NAME                                                     | VALUE                           | UNITS |
|----------------------------------------------------------|---------------------------------|-------|
| Base TPM Present                                         | Not Set                         |       |
| Full Size Matching Spare Tire Present                    | Set                             |       |
| Fob Location #3 Successfully Programmed                  | No                              |       |
| Valid Key In Ignition                                    | Yes                             |       |
| Fob Location #4 Successfully Programmed                  | No                              |       |
| Secret Key Sent to Body Controller - Most recent attempt | Yes                             |       |
| Fob Location #7 Successfully Programmed                  | No                              |       |
| Fob Location #8 Successfully Programmed                  | No                              |       |
| Secret Key Sent to Body Controller - Original attempt    | Yes                             |       |
| Fob Location #1 Successfully Programmed                  | Yes                             |       |
| RFHub Locked                                             | RFHUB Locked after IAC write    |       |
| PIN Successfully Programmed                              | Yes                             |       |
| Fob Location #6 Successfully Programmed                  | No                              |       |
| Fob Location #2 Successfully Programmed                  | Yes                             |       |
| VIN Successfully Programmed                              | Yes                             |       |
| Fob Location #5 Successfully Programmed                  | No                              |       |
| Passive Entry                                            | True                            |       |
| TPMS Configuration                                       | Logic 1 NHTSA Enable Warning    |       |
| Tire Pressure System                                     | True                            |       |
| Auto Park Present                                        | True                            |       |
| Module Configuration Status                              | True                            |       |
| Secret Codes Programmed                                  | True                            |       |
| \$0214 Programmed by                                     | Programmed by FCA manufacturing |       |
| e-shifter present                                        | True                            |       |
| Selectable Tire Fill Alert                               | False                           |       |
| TPM Auto-Locate Enabled                                  | True                            |       |
| RKE                                                      | True                            |       |
| Ignition system type connected                           | KIN system                      |       |
| Remote Start Present                                     | True                            |       |
| Keyless Go                                               | True                            |       |
| Back Up Customer Settings Menu 1 (CSM1)                  | True                            |       |

|                                                     |             |  |
|-----------------------------------------------------|-------------|--|
| Back Up Customer Settings Menu 2 (CSM2)             | True        |  |
| Back Up Vehicle Config 1                            | True        |  |
| Back Up ECU Configuration 13                        | True        |  |
| Back Up Vehicle Config 5                            | True        |  |
| Back Up ECU Configuration 2                         | True        |  |
| Back Up Vehicle Config 2                            | True        |  |
| Back Up ECU Configuration 10                        | True        |  |
| Back Up Vehicle Config 6                            | True        |  |
| Back Up Vehicle Config 7                            | True        |  |
| Back Up ECU Configuration 3                         | True        |  |
| Back Up ECU Configuration 4                         | True        |  |
| Back Up Vehicle Config 4                            | True        |  |
| Back Up ECU Configuration 14                        | True        |  |
| Back Up ECU Configuration 11                        | True        |  |
| Back Up ECU Configuration 6                         | True        |  |
| Back Up ECU Configuration 17                        | True        |  |
| Back Up Programmed ECUs: P/T Chassis Network        | True        |  |
| Back Up ECU Configuration 1                         | True        |  |
| Back Up ECU Configuration 15                        | True        |  |
| Back Up ECU Configuration 8                         | True        |  |
| Back Up ECU Configuration 16                        | True        |  |
| Back Up ECU Configuration 12                        | True        |  |
| Back Up ECU Configuration 9                         | True        |  |
| Back Up Programmed ECUs: Cabin Network              | True        |  |
| Back Up ECU Configuration 7                         | True        |  |
| Back Up Vehicle Config 3                            | True        |  |
| Back Up ECU Configuration 5                         | True        |  |
| Hardware Configuration: Remote Start Antenna        | Present     |  |
| Hardware Configuration: Front Left Door Handle H/W  | Serial AP   |  |
| Hardware Configuration: Trunk Door Handle H/W       | Serial AP   |  |
| Hardware Configuration: Rear Right Door Handle H/W  | No AP       |  |
| Hardware Configuration: Front Right Door Handle H/W | Serial AP   |  |
| Hardware Configuration: Rear Left Door Handle H/W   | No AP       |  |
| ECU Ship Status                                     | Normal Mode |  |

## DTCM CONFIGURATION

| NAME                 | VALUE     | UNITS |
|----------------------|-----------|-------|
| Rear Locker Present  | False     |       |
| FAD Present          | True      |       |
| Mode Switch Present  | True      |       |
| Full-Time T-Case     | True      |       |
| Front Locker Present | False     |       |
| SRT Present          | —         |       |
| T-Case Type          | MPT 3025C |       |

|                       |                 |  |
|-----------------------|-----------------|--|
| Left/Right Hand Drive | Left Hand Drive |  |
| Axle Ratio            | 3.730           |  |

**ORC CONFIGURATION**

| NAME                                       | VALUE          | UNITS |
|--------------------------------------------|----------------|-------|
| Right Curtain Squib 1                      | Not Configured |       |
| Driver Seatbelt Retractor Pretensioner     | Configured     |       |
| Passenger Seatbelt Anchor Pretensioner     | Configured     |       |
| Driver Frontal Squib 2                     | Configured     |       |
| Left B-Pillar Impact Acceleration Sensor   | Configured     |       |
| Right Side Door Pressure Sensor            | Not Configured |       |
| First Row Driver Seatbelt Buckle Switch    | Configured     |       |
| First Row Passenger Seatbelt Buckle Switch | Configured     |       |
| Right B-Pillar Impact Acceleration Sensor  | Configured     |       |
| Passenger Seatbelt Load Limiter            | Configured     |       |
| Driver Frontal Squib 1                     | Configured     |       |
| Configuration Column Identifier            | A2             |       |
| Passenger Frontal Squib 3                  | Configured     |       |
| Second Row Left Seat Side Airbag           | Not Configured |       |
| Passenger Seat Track Position Sensor       | Configured     |       |
| Right Up-Front Acceleration Sensor         | Configured     |       |
| Second Row Center seat belt Switch         | Not Configured |       |
| Passenger Frontal Squib 2                  | Configured     |       |
| Passenger Frontal Squib 1                  | Configured     |       |
| EPPM                                       | Not Configured |       |
| Passenger Seatbelt Buckle Pretensioner     | Not Configured |       |
| Right Side Seat Squib 1                    | Configured     |       |
| Driver Seat Track Position Sensor          | Configured     |       |
| Passenger Airbag Disable Indicator         | Configured     |       |
| Driver Frontal Squib 4                     | Not Configured |       |
| Left Curtain Squib 1                       | Not Configured |       |
| Driver Seatbelt Anchor Pretensioner        | Configured     |       |
| Passenger Seatbelt Retractor Pretensioner  | Configured     |       |
| Second Row Right seat belt Switch          | Not Configured |       |
| Right C-Pillar Impact Acceleration Sensor  | Not Configured |       |
| Driver Frontal Squib 3                     | Configured     |       |
| Passenger Airbag Disable Switch            | Not Configured |       |
| Occupant Classification (OCM)              | Configured     |       |
| Left Side Door Pressure Sensor             | Not Configured |       |
| Left D-Pillar Impact Acceleration Sensor   | Not Configured |       |
| Second Row Left seat belt Switch           | Not Configured |       |
| Driver Seatbelt Buckle Pretensioner        | Not Configured |       |
| Passenger Knee Bolster Squib               | Not Configured |       |
| Passenger Frontal Squib 4                  | Not Configured |       |

|                                           |                |  |
|-------------------------------------------|----------------|--|
| Right D-Pillar Impact Acceleration Sensor | Not Configured |  |
| Left Up-Front Acceleration Sensor         | Configured     |  |
| Driver Knee Bolster Squib                 | Not Configured |  |
| Second Row Right Seat Side Airbag         | Not Configured |  |
| Rollover Sensing                          | Not Configured |  |
| Passenger Occupant Detection Sensor       | Not Configured |  |
| Driver Seatbelt Load Limiter              | Configured     |  |
| Left C-Pillar Impact Acceleration Sensor  | Not Configured |  |
| Left Side Seat Squib 1                    | Configured     |  |

## HVAC CONFIGURATION

| NAME                           | VALUE | UNITS |
|--------------------------------|-------|-------|
| DualZone ATC Control           | True  |       |
| MTC Without EBL (3Knob)        | False |       |
| MTC heater only (3Knob)        | False |       |
| Single Zone MTC Control        | False |       |
| Dual Zone MTC Control          | False |       |
| DualZone ATC Control (Factory) | False |       |
| MTC With EBL (3Knob)           | False |       |

## AMP CONFIGURATION

| NAME                                 | VALUE                  | UNITS |
|--------------------------------------|------------------------|-------|
| ANC Status                           | Off - RPM Out of Range |       |
| ANC Calibration Date - Year          | 20                     |       |
| ANC Calibration Date - Patch Level   | 0                      |       |
| ANC Calibration Date - Week          | 6                      |       |
| Surround Sound Activated             | Not Set                |       |
| Current ANC Calibration ID - Service | B602                   |       |
| Premuim - 3                          | False                  |       |
| Premuim - 2                          | True                   |       |
| No HALF Chimes                       | True                   |       |
| Non -ANC                             | False                  |       |
| No Rear Doors                        | True                   |       |
| Premuim - 1                          | False                  |       |
| Door Module - Right Front            | Not Present            |       |
| Door Module - Left Front             | Not Present            |       |

## IPC CONFIGURATION

| NAME                                          | VALUE | UNITS |
|-----------------------------------------------|-------|-------|
| Main Fuel Tank Gauge - Full Stop Calibration  | 0.000 | Volts |
| Main Fuel Tank Gauge - 1/2 Datum Calibration  | 0.000 | Volts |
| Main Fuel Tank Gauge - 3/4 Datum Calibration  | 0.000 | Volts |
| Main Fuel Tank Gauge -1/4th Datum Calibration | 0.000 | Volts |
| Main Fuel Tank Gauge - Empty Stop Calibration | 0.000 | Volts |

|                                              |       |       |
|----------------------------------------------|-------|-------|
| Sub Fuel Tank Gauge - Empty Stop Calibration | 0.000 | Volts |
| Sub Fuel Tank Gauge - 1/2 Datum Calibration  | 0.000 | Volts |
| Sub Fuel Tank Gauge - 3/4 Datum Calibration  | 0.000 | Volts |
| Sub Fuel Tank Gauge - Full Stop Calibration  | 0.000 | Volts |
| Sub Fuel Tank Gauge - 1/4 Datum Calibration  | 0.000 | Volts |

## SCCM CONFIGURATION

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

## BCM CONFIGURATION

| NAME                                                          | VALUE         | UNITS |
|---------------------------------------------------------------|---------------|-------|
| Number of Reprogramming Attempts - Counter #0                 | 0             |       |
| Vehicle Configuration Programmed Status                       | True          |       |
| Last Programmed Status                                        | Manufacturing |       |
| Vehicle Configuration 1 - Write Counter                       | 2             |       |
| Programmed ECUs: Hybrid LAN Network                           | 2             |       |
| Programmed Network Configuration - Audio / Telematics Network | 2             |       |
| ECU Configuration 15 (Suspension)                             | 2             |       |
| ECU Configuration 5 (Doors)                                   | 2             |       |
| Programmed ECUs: P/T Chassis Network                          | 2             |       |
| ECU Configuration 9A                                          | 2             |       |
| ECU Configuration 6 (Safety)                                  | 2             |       |
| ECU Configuration 11                                          | 2             |       |
| Vehicle Configuration Auto Write Counter                      | 1             |       |
| ECU Configuration 5 (Memory)                                  | 2             |       |
| Vehicle Configuration 4 - Write Counter                       | 2             |       |
| Last Configuration Odometer                                   | 0             | miles |
| Vehicle Configuration 5 - Write Counter                       | 2             |       |
| ECU Configuration 5 (Wireless)                                | 2             |       |
| ECU Configuration 14                                          | 2             |       |
| Vehicle Config CSM1                                           | 2             |       |
| ECU Configuration 6 (Suspension)                              | 2             |       |
| ECU Configuration 9 (ITM)                                     | 2             |       |
| Programmed ECUs: Cabin Network                                | 2             |       |
| ECU Configuration 6 (Powertrain)                              | 2             |       |
| ECU Configuration 4                                           | 2             |       |
| Vehicle Configuration 3 - Write Counter                       | 4             |       |
| ECU Configuration 13                                          | 2             |       |
| Vehicle Config CSM2                                           | 2             |       |
| Vehicle Configuration 2 - Write Counter                       | 2             |       |

|                                                           |                                      |     |
|-----------------------------------------------------------|--------------------------------------|-----|
| ECU Configuration 10                                      | 2                                    |     |
| ECU Configuration 15 (CBC Features)                       | 2                                    |     |
| ECU Configuration 8 (LIN and Miscellaneous )              | 2                                    |     |
| ECU Configuration 2 (CBC Features)                        | 2                                    |     |
| ECU Configuration 1 (CBC Configurable Inputs and Outputs) | 2                                    |     |
| Vehicle Configuration 6 - Write Counter                   | 2                                    |     |
| ECU Configuration 7 (CBC Exterior Lighting Calibrations)  | 2                                    |     |
| ECU Configuration 3                                       | 2                                    |     |
| ECU Configuration 6 (Brake)                               | 2                                    |     |
| Vehicle Configuration 7 - Write Counter                   | 2                                    |     |
| ECU Configuration 12                                      | 2                                    |     |
| Model Year                                                | 2021                                 |     |
| Select Speed Control Feature Present                      | Set                                  |     |
| Drive Configuration                                       | Selectable 4wd                       |     |
| Left/Right Hand Drive                                     | Left Hand Drive                      |     |
| Maximum Vehicle Speed                                     | 99                                   | MPH |
| Hill Descent Feature Present                              | Not Set                              |     |
| Vehicle Line                                              | JL                                   |     |
| Shifter Type                                              | 5 Pos Polystable Eshifter / Type PS5 |     |
| PTS Configuration                                         | Semi Automatic / Semi Automatic      |     |
| Auto Highbeam                                             | Not Set                              |     |
| Performance Pages Present                                 | Not Present                          |     |
| Special Packages                                          | Default                              |     |
| Emode Present                                             | Not Set                              |     |
| Country Code                                              | USA                                  |     |
| Body Style                                                | 4-Door Hatchback                     |     |
| Remote Start Present                                      | Set                                  |     |
| Air Conditioning Present                                  | Set                                  |     |
| Special Packages                                          | Wrangler Sahara                      |     |
| SKIM System Present                                       | Not Set                              |     |
| Flipper Glass Present                                     | Not Set                              |     |
| Light Load Inflation Pressure Rear Tire                   | 0.0                                  | PSI |
| Power Inverter Type                                       | No Power Inverter                    |     |
| Cruise Feature is Present                                 | Set                                  |     |
| Full Size Spare                                           | Set                                  |     |
| Max Load Inflation Pressure Rear Tire                     | 36.0                                 | PSI |
| Max Load Inflation Pressure Front Tire                    | 36.0                                 | PSI |
| Thatcham Present                                          | Not Set                              |     |
| Off Road Capable                                          | Not Set                              |     |
| Rain Sensor Present                                       | Not Set                              |     |
| Display Outside Temperature Present                       | Set                                  |     |
| FOBIK Safe Enable                                         | Set                                  |     |
| Base TPM system present                                   | Not Set                              |     |
| Two Fuel Sending Units Present                            | Not Set                              |     |

|                                                               |                                                |         |
|---------------------------------------------------------------|------------------------------------------------|---------|
| Disable Display of Radio Clock                                | Not Set                                        |         |
| Vehicle Brand                                                 | Jeep                                           |         |
| Premium TPM system present                                    | Set                                            |         |
| Forward Collision Warning present                             | Not Set                                        |         |
| Auto Park Present                                             | Set                                            |         |
| Chassis Type                                                  | Type 88                                        |         |
| Adjustable Pedal Feature Present (non-Memory)                 | Not Set                                        |         |
| RKE System Present                                            | Set                                            |         |
| Wheel Base                                                    | Long wheel base (140" & 149" Ram Truck) / LONG |         |
| Power Lift Gate Present                                       | Not Set                                        |         |
| HVAC Configuration                                            | Dual Zone ATC                                  |         |
| Vehicle is an SRT                                             | Not Set                                        |         |
| Window Express Feature Configuration                          | Drivers window express only                    |         |
| Keyless Go Present                                            | Set                                            |         |
| Power Right Sliding Door Present                              | Not Set                                        |         |
| ELV Present                                                   | Not Set                                        |         |
| Secondary Lock Present                                        | Not Set                                        |         |
| Sport Mode Present                                            | Not Set                                        |         |
| Collision Mitigation System present                           | Not Set                                        |         |
| Auto Headlamp Feature Present                                 | Set                                            |         |
| Interior EC Mirror Present                                    | Set                                            |         |
| Police Lighting Feature                                       | Not Set                                        |         |
| ESCL system present                                           | Not Set                                        |         |
| T-Case Type                                                   | Transfer Case 246 / Transfer Case 246          |         |
| Liftgate/Trunk Type                                           | Manual Liftgate                                |         |
| Paddle Shift Feature Present                                  | Not Set                                        |         |
| Display Compass Heading Present                               | Set                                            |         |
| Power Left Sliding Door Present                               | Not Set                                        |         |
| High Intensity Discharge Head Lamps                           | Not Set                                        |         |
| Sunshade Present                                              | Not Set                                        |         |
| Fuel Capacity                                                 | 17                                             | gallons |
| Passive Entry Present                                         | Set                                            |         |
| Door Alert Feature Present                                    | Not Set                                        |         |
| Axle Ratio                                                    | 3.730                                          |         |
| Transfer Case Low Range Reduction Ratio                       | 2.720                                          |         |
| Dynamic Tire Circumference (All or Rear)                      | 97                                             | inch    |
| Transfer Case High Ratio                                      | 1.000                                          | No Unit |
| Steering Ratio at Positive Angle 3                            | 0.0                                            | No Unit |
| Steering Ratio at Positive Angle 5                            | 0.0                                            | No Unit |
| Non-Regulated Tire Pressure Information System (TPIS) Present | Not Set                                        |         |
| Steering Ratio at Positive Angle 4                            | 0.0                                            | No Unit |
| Steering Ratio at Positive Angle 2                            | 0.0                                            | No Unit |
| Steering Ratio at Positive Angle 1                            | 0.0                                            | No Unit |
| Dual Rear Wheel (DRW) Vehicle Present                         | Not Set                                        |         |

|                                                      |                               |         |
|------------------------------------------------------|-------------------------------|---------|
| Steering Ratio at zero                               | 0.0                           | No Unit |
| Steering Ratio at Negative Angle 3                   | 0.0                           | No Unit |
| Steering Ratio at Negative Angle 4                   | 0.0                           | No Unit |
| Steering Ratio at Negative Angle 2                   | 0.0                           | No Unit |
| Analog Door Sensor Configuration                     | All Doors have Analog Sensors |         |
| Steering Ratio at Negative Angle 1                   | 0.0                           | No Unit |
| Air Quality System Present                           | Not Set                       |         |
| Steering Ratio at Negative Angle 5                   | 0.0                           | No Unit |
| Reserved - Pin D20                                   | Not Set                       |         |
| Foot Well Lamps Output Present - Pin G24             | Set                           |         |
| Reserved - F21                                       | Not Set                       |         |
| Front Fog Lamps Output Present - Pin A1 & D13        | Set                           |         |
| Ambient Temperature Sensor Present - Pin D22         | Set                           |         |
| Reserved - Pin E35                                   | Not Set                       |         |
| Front Driver Analog Door Ajar Input Present - Pin F9 | Set                           |         |
| Hood Ajar Switch Input Present - Pin A11             | Set                           |         |
| Flipper Glass #2 Output Present                      | Not Set                       |         |
| Reserved - Pin G12                                   | Not Set                       |         |
| Reserved - Pin E15                                   | Not Set                       |         |
| Right Dedicated DRL Lamp Output Present - Pin A22    | Set                           |         |
| Left Rear Door Ajar Input Present - Pin F23          | Set                           |         |
| Hard Top Sense Present - Pin E14                     | Set                           |         |
| Rear Park Lamps Output Present - Pin E4 & F32        | Set                           |         |
| Inverter Enable Relay Output Present - Pin F35       | Set                           |         |
| Rear Wiper Motor Park Present - Pin E29              | Set                           |         |
| VTA Warning LED Output Present - Pin G22             | Set                           |         |
| Reserved - E20                                       | Not Set                       |         |
| Rear Turn Lamps Output Present - Pin E3 & F42        | Not Set                       |         |
| Diesel Cabin Heater #1 Output Present - Pin D11      | Not Set                       |         |
| Low Beam Output Present - Pin A3, D2                 | Set                           |         |
| Gated Park ZFII Output Present - Pin D-24            | Set                           |         |
| Trailer Backup Lamps Output Present - Pin E23        | Set                           |         |
| Side Markers Output Present - Pin A10 & D5           | Set                           |         |
| Rear Fog Lamps Output Present - Pin E39 & F5         | Not Set                       |         |
| Starter Relay Lowside Coil Drive - Pin D7            | Not Set                       |         |
| Horn Switch Input Present - Pin F29                  | Set                           |         |
| Diesel Cabin Heater #3 Output Present - Pin D10      | Not Set                       |         |
| Reserved - Pin E47                                   | Not Set                       |         |
| Reserved - Pin E21                                   | Not Set                       |         |
| Left Dedicated DRL Lamps Output Present - Pin D15    | Set                           |         |
| Ambient Light Dimmer Wheel Input Present Pin G9      | Set                           |         |
| Run-ACC Y Relay #2 Output Present - Pin E9           | Set                           |         |
| Passenger Door Ajar Signal Present - Pin G18         | Set                           |         |
| Reserved - Pin F4                                    | Not Set                       |         |

|                                                |                                      |  |
|------------------------------------------------|--------------------------------------|--|
| UGDO Feed Output Present - Pin G15             | Set                                  |  |
| Diesel Cabin Heater #2 Output Present - Pin D9 | Not Set                              |  |
| Park Brake Input Present - Pin E11             | Set                                  |  |
| Front Wiper Wipes After Wash                   | 2 Wipes                              |  |
| Rear Wiper Park Enable                         | Set                                  |  |
| Side Repeaters Enable                          | Not Set                              |  |
| Horn Chirp Allowed                             | Set                                  |  |
| DRL Lamp Location                              | Dedicated                            |  |
| Hazard Lamp Configuration                      | Latching Switch                      |  |
| Tip Start Enabled                              | Set                                  |  |
| LED High Beam Lamps Present                    | Set                                  |  |
| Trailer Tow Present                            | Set                                  |  |
| LED Front Turn Lamps Present                   | Set                                  |  |
| Military Vehicle Present                       | Not Set                              |  |
| LED License Lamps Present                      | Set                                  |  |
| Front Wiper Park Enable                        | Set                                  |  |
| Quad Headlamps Enable                          | Set                                  |  |
| One Touch Lane Change                          | Set                                  |  |
| LED Dedicated DRL Present                      | Set                                  |  |
| LED Front Fog Lamps Present                    | Set                                  |  |
| DRL Dropout Enable                             | Set                                  |  |
| Headlamp Wash Shot                             | Single                               |  |
| Single Element Tail Lamp                       | Not Set                              |  |
| Intermittent Wiper States                      | 4 Intermittent Wiper position Switch |  |
| Park Lamp Loadshed Enable                      | Set                                  |  |
| Headlamp Wash Interval                         | wash cycle#11                        |  |
| LED Stop Lamps Present                         | Set                                  |  |
| LED Rear Fog Lamps Present                     | Set                                  |  |
| Combined Rear Lighting Enable                  | Set                                  |  |
| Front Fog Lamp Dropout Enable                  | Set                                  |  |
| LED Reverse Lamps Present                      | Set                                  |  |
| Dual Start Relay System Present                | Not Set                              |  |
| LED Low Beam Lamps Present                     | Set                                  |  |
| Tunnel Detection                               | Not Set                              |  |
| Headlamp Washer Low Fluid Shut-Off Enable      | Not Set                              |  |
| Bi Xenon Headlamps Enable                      | Not Set                              |  |
| Door Lock Switch Signal FT RT Usage (F23)      | Reserved                             |  |
| Wiper Service Position Enabled                 | Not Set                              |  |
| Exterior Light Loadshed Enable                 | Set                                  |  |
| LED CHMSL Lamp Present                         | Set                                  |  |
| Reversible Washer Pump Enable                  | Set                                  |  |
| DRL Configuration                              | Optional DRL                         |  |
| LED Tail Lamps Present                         | Set                                  |  |
| LED Front Park/Marker Lamps Present            | Set                                  |  |

|                                                   |                                          |  |
|---------------------------------------------------|------------------------------------------|--|
| Door Lock Switch Signal FT LT Usage (F9)          | Reserved                                 |  |
| LED Rear Turn Lamps Present                       | Set                                      |  |
| Radio Display On/Off Softkey Present              | Not Set                                  |  |
| Hill Start Assist Customer Setting Option Present | Set                                      |  |
| DTV Front Camera Present                          | Not Set                                  |  |
| CTP Max AC Present                                | Not Set                                  |  |
| Vehicle Theft Alarm Present                       | Not Set                                  |  |
| Front Park Assist Present                         | Not Set                                  |  |
| VIN Check Digit Diable                            | Not Set                                  |  |
| External Port Type                                | AUX + USB + extra USB                    |  |
| SDAR Travel Link Present                          | Set                                      |  |
| Hill Descent Control Present                      | Not Set                                  |  |
| Splashscreen Type                                 | Vehicle Brand                            |  |
| Radio Apps Present                                | Not Set                                  |  |
| Destination                                       | United States of America                 |  |
| Antenna Type                                      | Passive Primary and no secondary antenna |  |
| Microphone Configuration                          | 2 Microphones                            |  |
| CTP Auto Lock Disable                             | Not Set                                  |  |
| CTP Easy Entry Enable                             | Not Set                                  |  |
| Power Door Locks Present                          | Set                                      |  |
| Front Heated Seats Present                        | Set                                      |  |
| Disable CD Eject                                  | Not Set                                  |  |
| DTV Side Camera Present                           | Not Set                                  |  |
| CTP Passive Entry Present                         | Set                                      |  |
| Cabin Equilization Curve Number                   | JL 4 Door Premium Top On (Alpine 12ch)   |  |
| Front Ventilated Seats Present                    | Not Set                                  |  |
| Heated Steering Wheel Present                     | Set                                      |  |
| DAB Present                                       | Not Set                                  |  |
| Hybrid Electric Powertrain Present                | Not Set                                  |  |
| Surround Sound Feature Present                    | Not Set                                  |  |
| Power Inverter Present                            | Set                                      |  |
| Audio Steering Wheel Switch Configuration         | Core Steering Wheel                      |  |
| Microphone Tuning Parameter                       | Absent                                   |  |
| Microphone Type                                   | Peiker 300 mv                            |  |
| Rear Camera Present                               | Set                                      |  |
| Tow Haul Present                                  | Not Set                                  |  |
| Max Gear                                          | Eighth gear                              |  |
| AMB Dimmer                                        | not available                            |  |
| Gear Shift Indicator                              | Not Set                                  |  |
| PTO Present                                       | not available                            |  |
| ERS Available                                     | not available                            |  |
| Heated Seat Present                               | not available                            |  |
| Virtual Speedometer Units                         | not available                            |  |
| IC Config Feature                                 | not available                            |  |

|                                            |                       |  |
|--------------------------------------------|-----------------------|--|
| Speedometer Range Max Scale                | not available         |  |
| Split Shaft Present                        | not available         |  |
| Temperature Celsius for UK                 | Not Set               |  |
| Manual Headlamp Leveling                   | not available         |  |
| Service Interval                           | 20000 km and 730 days |  |
| Rear Wheel Dually                          | not available         |  |
| Type of Gallons                            | U.K. Gallons          |  |
| AP3 Left Rear                              | Not Present           |  |
| Airport Scenario Trunk Set                 | Not Set               |  |
| AP4 Right Rear                             | Not Present           |  |
| AP5 Trunk Lock                             | Smart Switch          |  |
| AP1 Left Front                             | Smart Switch          |  |
| Tip Start Present                          | Set                   |  |
| AP2 Right Front                            | Smart Switch          |  |
| Driver Memory Mirrors Present              | Not Set               |  |
| Rear Door Pre Short Drop                   | Not Set               |  |
| Folding mirrors present                    | Not Set               |  |
| Puddle Lamp Present                        | Not Set               |  |
| Global Down                                | Not Set               |  |
| Window Motor Type                          | Not Set               |  |
| Electro-chromatic driver mirror present    | Not Set               |  |
| Sun Shade                                  | Not Set               |  |
| Mirror turn signals present                | Not Set               |  |
| Blindspot Mirror Present                   | Not Set               |  |
| Window Hall Sensors Present                | Not Set               |  |
| Global Up                                  | Not Set               |  |
| Frameless Window Present                   | Not Set               |  |
| Passenger Memory Mirror Present            | Not Set               |  |
| Heated Mirrors Present                     | Set                   |  |
| Electro-chromatic passenger mirror present | Not Set               |  |
| Auto Power Folding Mirrors Present         | Not Set               |  |
| Tow Mirror Present                         | Not Set               |  |
| Passenger Window Lockout                   | Set                   |  |
| Heated Seat Material Type                  | Default               |  |
| Tilt/Telescope Steering Present            | Not Set               |  |
| Rear Heated Seats Present                  | Not Present           |  |
| Memory Adjustable Pedals Present           | Not Set               |  |
| Front Vented Seats Present                 | Not Present           |  |
| Front Heated Seat Present                  | Present               |  |
| Memory Seat Present                        | Not Set               |  |
| Heated Steering Wheel Present              | Present               |  |
| Heated Wheel Material Type                 | Wood/Leather          |  |
| Rear Vented Seats Present                  | Not Present           |  |
| Brake System ECU Configuration B           | Undefined             |  |

|                                               |                                                 |       |
|-----------------------------------------------|-------------------------------------------------|-------|
| Wheel 18 inch overall ESC Maserati            | Not Set                                         |       |
| Brake System ECU Configuration A              | value 0                                         |       |
| Dual Alternator Present                       | Not Set                                         |       |
| ECO Mode Configuration                        | Remember Previous State with Ignition Key Cycle |       |
| Auto High Beam Module Location                | None                                            |       |
| Rain Sensor Module #2 Present                 | Not Set                                         |       |
| Rear Fog Voltage                              | 12.0                                            | Volts |
| Front Fog Voltage                             | 13.6                                            | Volts |
| Swing Gate Unlock Present - Pin F33           | Set                                             |       |
| Secondary Door Ajar Present - Pin E28         | Set                                             |       |
| Swing Gate Lock Present - Pin F30             | Set                                             |       |
| CHMSL Lamp Output Disable                     | Not Set                                         |       |
| Manual Door Locks Present                     | Not Set                                         |       |
| Average Last Longitudinal Acceleration Values | Average 1                                       |       |
| Brake Smoothing Duration                      | 10 periods                                      |       |
| Acceleration Threshold                        | 1.5 m/s2                                        |       |
| Excess Longitudinal Acceleration Factor       | 1.5                                             |       |
| Brake Smoothing Threshold                     | 375 Nm                                          |       |
| Steering Smoothing Factor                     | Filter Off                                      |       |
| Brake Smoothing Factor                        | Filter Off                                      |       |
| Steering Smoothing Duration                   | 3 periods                                       |       |
| Excess Lateral Acceleration Factor            | 1.5                                             |       |
| Nose Dive Threshold                           | 480 degrees                                     |       |
| Maximum Lateral Change                        | 2.6 degrees                                     |       |
| Nose Dive Factor                              | Filter Off                                      |       |
| Steering Smoothing Threshold                  | 150 Degrees                                     |       |
| Acceleration Factor                           | Filter Off                                      |       |
| Average Last Lateral Acceleration Values      | Average 1                                       |       |
| Maximum Longitudinal Change                   | 2.0 degrees                                     |       |
| Interior Lighting Night Threshold             | 4.45147                                         | Volt  |
| ASBM Minimum Voltage Time                     | 10 Seconds                                      |       |
| Horn Chirp Duration                           | Short                                           |       |
| ASBM Battery Minimum Voltage                  | 11.8 Volts                                      |       |
| PE Auto-Relock Feature Enable                 | Set                                             |       |
| Parking Light Enable                          | Not Set                                         |       |
| RKE Auto-Relock Feature Enable                | Not Set                                         |       |
| VTA Hood Ajar Monitoring                      | Not Set                                         |       |
| Pitch and Roll Present                        | Set                                             |       |
| Interior Lighting Day Threshold               | 4.27498                                         | Volt  |
| Glovebox Control                              | Not Set                                         |       |
| Glare Free Present                            | Not Set                                         |       |
| TSBM Module Present                           | Not Set                                         |       |
| Transmission Equipped                         | Automatic transmission / AUTOMATIC              |       |
| ADR feature Present                           | Not Set                                         |       |

|                                                   |                                             |  |
|---------------------------------------------------|---------------------------------------------|--|
| AGS Feature Present                               | Not Set                                     |  |
| Park Brake Type                                   | Mechanical park brake - hand or foot / MECH |  |
| PTC Present                                       | Not Set                                     |  |
| Axle Locker Configuration                         | No Axle Locker / NONE                       |  |
| Hybrid Type                                       | PHEV                                        |  |
| Brake Type                                        | Reserved                                    |  |
| Temperature Display Resolution                    | Set                                         |  |
| Suspension Type                                   | Reserved                                    |  |
| TPMS Configuration                                | Logic 1 NHTSA Enable Warning                |  |
| Headlamp drop customer settings menu              | Not Set                                     |  |
| Park assist rear volume customer settings menu    | Not Set                                     |  |
| Tire jack mode customer settings menu             | Not Set                                     |  |
| Compass variance customer settings menu           | Not Set                                     |  |
| Ambient dimmer customer settings menu             | Not Set                                     |  |
| Power liftgate chime customer settings menu       | Not Set                                     |  |
| Headlamps on with wiper customer settings menu    | Set                                         |  |
| Power take off customer settings menu             | Not Set                                     |  |
| Auto high beam customer settings menu             | Not Set                                     |  |
| Passive entry customer settings menu              | Set                                         |  |
| Easy exit seat customer settings menu             | Not Set                                     |  |
| Power accessory delay customer settings menu      | Set                                         |  |
| Auto park customer settings menu                  | Not Set                                     |  |
| Consumption unit customer settings menu           | Set                                         |  |
| Auto on driver comfort customer settings menu     | Feature 2 - 3 Option / Feature 2 - 3 Option |  |
| Auto door lock customer settings menu             | Set                                         |  |
| Lane departure torque customer settings menu      | Not Set                                     |  |
| Power unit customer settings menu                 | Not Set                                     |  |
| Auto entry exit mode customer settings menu       | Not Set                                     |  |
| Blind spot alert customer settings menu           | Not Set                                     |  |
| Automatic aero mode customer settings menu        | Not Set                                     |  |
| Auxiliary switches customer settings menu         | Switch 1 - 4 Option / Switch 1 - 4 Option   |  |
| Air suspension warning customer settings menu     | Not Set                                     |  |
| Headlamp off delay customer settings menu         | Set                                         |  |
| Park assist front volume customer settings menu   | Not Set                                     |  |
| Rain sensitive wipers customer settings menu      | Not Set                                     |  |
| Lane departure warning customer settings menu     | Not Set                                     |  |
| Rear view camera gridlines customer settings menu | Static + Dynamic / Static + Dynamic         |  |
| Unit set customer settings menu                   | Set                                         |  |
| Rear camera customer settings menu                | Not Set                                     |  |
| EPB service mode customer settings menu           | Not Set                                     |  |
| Forward collision warning customer settings menu  | Feature not present / Absent                |  |
| Illuminated approach customer settings menu       | Set                                         |  |
| Electric power steering customer settings menu    | Not Set                                     |  |
| Park assist brake customer settings menu          | Not Set                                     |  |

|                                                              |                              |    |
|--------------------------------------------------------------|------------------------------|----|
| Clock display customer settings menu                         | Set                          |    |
| Park assist customer settings menu                           | Feature not present / Absent |    |
| Distance unit customer settings menu                         | Set                          |    |
| Compass calibration customer settings menu                   | Not Set                      |    |
| Pressure unit customer settings menu                         | Set                          |    |
| Performance shift enable customer settings menu              | Not Set                      |    |
| Passenger Airbag On/Off Customer Settings Menu               | Not Set                      |    |
| RKE unlock customer settings menu                            | Set                          |    |
| Forward Collision Warning and Brake Customer Settings Menu   | Not Set                      |    |
| Torque unit customer settings menu                           | Not Set                      |    |
| Tilt mirror in reverse customer settings menu                | Not Set                      |    |
| Doors and Engine Off Power Delay Customer Settings Menu      | Set                          |    |
| Teen Key Fuel Pop-up Customer Settings Menu                  | Not Set                      |    |
| Rear view camera delay customer settings menu                | Set                          |    |
| Teen Key Automatic High Beam Customer Settings Menu          | Not Set                      |    |
| Speed unit customer settings menu                            | Set                          |    |
| Rear Defrost and Heated Mirrors Present                      | Both                         |    |
| Radio Speaker Open Circuit Disable (LR)                      | Not Set                      |    |
| Clari-Fi Present                                             | Not Set                      |    |
| Surround View Camera On/Off Softkey Present                  | Not Set                      |    |
| Show Phone Information in Cluster                            | Set                          |    |
| Auto Dimming Mirror Hard Button Present                      | Not Set                      |    |
| Tri-State Comfort Climate Softkey Function Present           | Set                          |    |
| Radio Speaker Open Circuit Disable (LF)                      | Not Set                      |    |
| Radio Speaker Open Circuit Disable (RR)                      | Not Set                      |    |
| Radio Speaker Open Circuit Disable (RF)                      | Not Set                      |    |
| ANC Calibration Parameter Data Set                           | 46594                        | ms |
| DTV Present                                                  | Not Set                      |    |
| Trailer Hitch Camera Present                                 | Set                          |    |
| Automatic Crash Notification Feature Present                 | Not Set                      |    |
| Drive Mode Version                                           | Version 1                    |    |
| Park Assist Tuning Set                                       | Sahara                       |    |
| Backup Reverse Lamp Left Present - Pin F41                   | Set                          |    |
| Right High Beam Present - Pin A2                             | Set                          |    |
| Left Rear Turn Lamp Diagnostics Present - Pin F27            | Set                          |    |
| Left Front Lamp Diagnostics Present - Pin F25                | Set                          |    |
| Backup Reverse Lamp Right Present - Pin E1                   | Set                          |    |
| Left High Beam Present - Pin D1                              | Set                          |    |
| Right Rear Turn Lamp Diagnostics Present - Pin F31           | Set                          |    |
| Stop/Turn Lamp or Stop Lamp Present Pin E2 & F40             | Stop/Turn Lamp               |    |
| Right Front Lamp Diagnostics Present - Pin F28               | Set                          |    |
| Signature Lamps or Mirror Repeater Present - Pin A5 & Pin A7 | Signature Lamp               |    |
| Brake Fluid Level Switch Signal Present - Pin D21            | Not Set                      |    |
| Increasing speed constant                                    | Increasing 0 KPH             |    |

|                              |                             |  |
|------------------------------|-----------------------------|--|
| Tachometer Type              | Feature Disabled / DISABLED |  |
| Speedometer Tolerance        | 0 Percent Tolerance         |  |
| Steering C Factor            | Type 3                      |  |
| TBM                          | Not Set                     |  |
| EDM                          | Not Set                     |  |
| LBSM                         | Not Set                     |  |
| RBSM                         | Not Set                     |  |
| HSM                          | Set                         |  |
| PTCM                         | Not Set                     |  |
| BCM (Interior Bus)           | Set                         |  |
| Radio                        | Set                         |  |
| HVAC_R                       | Not Set                     |  |
| AMP                          | Set                         |  |
| ITM                          | Not Set                     |  |
| HVAC                         | Set                         |  |
| TCM                          | Set                         |  |
| SGW                          | Set                         |  |
| ITBM                         | Not Set                     |  |
| AHLM/AFLS                    | Not Set                     |  |
| EPS                          | Set                         |  |
| BCM (PT)                     | Set                         |  |
| PTS                          | Not Set                     |  |
| SCCM                         | Set                         |  |
| DTCM                         | Set                         |  |
| AFLS                         | Not Set                     |  |
| PCM                          | Set                         |  |
| ELSD                         | Not Set                     |  |
| OCM                          | Set                         |  |
| ASCM                         | Not Set                     |  |
| TPM                          | Set                         |  |
| ANC                          | Not Set                     |  |
| ABS                          | Not Set                     |  |
| RFH                          | Set                         |  |
| DPDM                         | Set                         |  |
| IPC                          | Set                         |  |
| ASBS                         | Not Set                     |  |
| ORC                          | Set                         |  |
| ESM                          | Set                         |  |
| Passive Ped Pro Present      | False                       |  |
| Reserved                     | Reserved                    |  |
| 2nd Row Seat Airbags Present | False                       |  |
| BUX vehicle                  | False                       |  |
| Curtain Airbags Present      | False                       |  |
| Driver Kneebag Present       | False                       |  |

|                                                          |                            |         |
|----------------------------------------------------------|----------------------------|---------|
| Tow Hooks Present                                        | True                       |         |
| ODS Present                                              | False                      |         |
| Passenger Kneebag Present                                | False                      |         |
| Reserved                                                 | Reserved                   |         |
| Integrated EPP Present                                   | False                      |         |
| Illuminated Approach Taillamp Target Percentage          | 165 (82.50%)               |         |
| Compass Mounting Angle                                   | 0                          | Degree  |
| Illuminated Approach Interior Lighting Target Percentage | 100 (50%)                  |         |
| Humidity Sensor Present                                  | Not Set                    |         |
| DC to DC Converter Present                               | Not Set                    |         |
| Auto Relock Time                                         | 60                         | seconds |
| VTA System Present                                       | VTA                        |         |
| ASBM Present                                             | Set                        |         |
| CRVMM Present                                            | Set                        |         |
| Manual Trans Present                                     | Not Set                    |         |
| ASBMM Present                                            | Not Set                    |         |
| Compass Mounting Orientation                             | Upside Down                |         |
| DC to DC Converter #2 Present                            | Not Set                    |         |
| Panic Enable                                             | Set                        |         |
| Illuminated Approach Interior Lighting Ramp Up Time      | 130(2600ms)                |         |
| EVIC Switch Module Present                               | Set                        |         |
| Illuminated Approach Headlamp Target Percentage          | 165 (82.50%)               |         |
| IBS Present                                              | Set                        |         |
| Washer Fluid Level Voltage Threshold                     | 4.46 volts                 |         |
| Left High Beam Voltage Regulation                        | 13.6 Volts                 |         |
| Left Front Corner Voltage                                | 13.6 Volts                 |         |
| Left Low Beam Voltage Regulation                         | 13.6 Volts                 |         |
| Dual Filament Headlamp                                   | Not Present                |         |
| Auto Headlamp On Threshold                               | 3.31409                    | Volt    |
| Right Low Beam Voltage Regulation                        | 13.6 Volts                 |         |
| Signature Light Present                                  | Present                    |         |
| Right Rear Corner Voltage                                | 12.8 Volts                 |         |
| Front Turn Lamp Diagnostics                              | Present                    |         |
| Right Front Corner Voltage                               | 13.6 Volts                 |         |
| Right High Beam Voltage Regulation                       | 13.6 Volts                 |         |
| Auto Headlamp Off Threshold                              | 2.54930                    | Volt    |
| Left Rear Corner Voltage                                 | 12.8 Volts                 |         |
| Ultrasonics                                              | Not Set                    |         |
| Tilt                                                     | Not Set                    |         |
| Siren                                                    | Not Set                    |         |
| Engine Displacement                                      | Signal Not Available / SNA |         |
| Heated Mirrors Present                                   | Present                    |         |
| Rear Defrost Presence                                    | Present                    |         |

**RADIO CONFIGURATION**

| NAME                                          | VALUE        | UNITS   |
|-----------------------------------------------|--------------|---------|
| Compass on the bus messaging Authorization    | Allowed      |         |
| GPS on the Bus messaging Authorization        | Allowed      |         |
| Satellite Subscription Suspend Day            | 01           |         |
| Satellite Subscription Reason Code            | 00           |         |
| Satellite Subscription Suspend Year           | 46           |         |
| Satellite Subscription Suspend Month          | 01           |         |
| Satellite Subscription Status                 | Subscribed   |         |
| Satellite Subscription ID                     | UWR1WD80     |         |
| Aux Jack                                      | Not Inserted |         |
| USB Hubs Detected                             | 1            | No Unit |
| SD Card Readers Detected                      | 0            | No Unit |
| Enumerated USB Devices                        | 0            | No Unit |
| DTV Short Term Configuration                  | —            |         |
| 911 Button                                    | On           |         |
| SDARS                                         | True         |         |
| Internal CD Player                            | False        |         |
| Application Framework                         | True         |         |
| Bluetooth                                     | True         |         |
| Navigation Active                             | True         |         |
| FM Diversity                                  | False        |         |
| Cellular                                      | True         |         |
| Wi-Fi                                         | True         |         |
| Splash Screen                                 | Jeep         |         |
| Anti-Theft Enable Status                      | On           |         |
| Automated Loudness                            | On           |         |
| Front Seat Video Playback                     | Enabled      |         |
| Clock Defeat                                  | Off          |         |
| Cabin EQ Curve Number Currently Used by Radio | B6           |         |
| 12/24 Time Selection                          | 12 Hour Time |         |

**ABSO CONFIGURATION**

| NAME                        | VALUE          | UNITS   |
|-----------------------------|----------------|---------|
| Trans Type                  | ZF_8spd        |         |
| Drive Configuration         | Selectable 4wd |         |
| Displacement                | 2.0            | No Unit |
| Hybrid Type                 | PHEV           |         |
| Vehicle Line Identification | JL             |         |
| Chassis Type                | Type 88        |         |
| Axle Ratio                  | 3.726          | No Unit |
| Tire Circumference          | 97             | inch    |



## VEHICLE SCAN REPORT

**Vehicle** 2021 JEEP WRANGLER(PHEV) 2.0L I4 DOHC DI TURBO PHEV ENGINE  
**VIN** [REDACTED]

**Odometer** 5906.3 miles  
**Publication Date** Apr 11, 2022, 1:14:55 PM

## ECU SUMMARY INFO

| ECU   | NAME                               | BUS TYPE | FLASH PART # | CURRENT VIN | ORIGINAL VIN | PART #     |
|-------|------------------------------------|----------|--------------|-------------|--------------|------------|
| TCM   | Transmission Control Module        | CAN-C    | 68478030AN   | [REDACTED]  | [REDACTED]   | 68478030AN |
| PCM   | Powertrain Control Module          | CAN-C    | 68477593AM   |             |              | 68477593AM |
| ICS   | Integrated Center Stack            | CAN-I    | 6SX95DX9AE   |             |              | 6SX95DX9AE |
| RFH   | Radio Frequency Hub                | CAN-C    | 56029925AA   |             |              | 56029925AA |
| ESM   | Electronic Shifter                 | CAN-C    | 04670716AC   |             |              | 04670716AC |
| DTCM  | Drive Train Control Module         | CAN-C    | 68547688AB   |             |              | 68547688AB |
| ORC   | Occupant Restraint                 | CAN-C    | 68526670AB   |             |              | 68526670AB |
| EPS   | Electric Power Steering            | CAN-C    | 68529427AC   |             |              | 68529427AC |
| HVAC  | Heat, Ventilation and A/C          | CAN-I    | 68496562AC   |             |              | 68496562AC |
| CSWM  | Comfort Seat Wheel Module          | CAN-I    | 68510873AA   |             |              | 68510873AA |
| AMP   | Amplifier                          | CAN-I    | 68549084AA   |             |              | 68549084AA |
| IPC   | Instrument Panel Cluster           | CAN-C    | 68499481AE   |             |              | 68499481AE |
| SCCM  | Steering Column Control Module     | CAN-C    | 68526258AA   |             |              | 68526258AA |
| BCM   | Body Controller                    | CAN-C    | 68496169AE   |             |              | 68496168AE |
| RADIO | Radio                              | CAN-I    | 68472587AI   |             |              | 68472587AI |
| OCM   | Occupant Classification            | CAN-C    | 68403128AA   |             |              | 68403128AA |
| BPCM  | Battery Pack Control Module        | CAN-C    | 05193168AG   |             |              | 05193168AG |
| HCP   | Hybrid Control Processor           | CAN-C    | 68451035AR   |             |              | 68451035AR |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C    | 68498791AR   |             |              | 68498791AR |

|      |                                  |       |            |  |            |
|------|----------------------------------|-------|------------|--|------------|
| ABSO | Anti Lock Brakes OBD             | CAN-C | 68395967AN |  | 68395967AN |
| SGW  | Security Gateway Module          | CAN-C | 68488416AB |  | 68488416AB |
| DPDM | Driver Presence Detection Module | CAN-C | 68403129AA |  | 68403129AA |
| IDCM | Integrated Dual Charge Module    | CAN-C | 05185035AP |  | 05185035AP |

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

| ECU   | COUNTRY CODE        | HARDWARE VERSION | SOFTWARE VERSION | IDENT | CVNS                             |
|-------|---------------------|------------------|------------------|-------|----------------------------------|
| TCM   | USA / USA           | 13 05 0E         | 15 19 00         | 4700  | 5F972480                         |
| PCM   | USA                 | 1D 47            | 21 21 00         | 4928  | 13C074B5                         |
| ICS   | USA                 | 10 1E 00         | 14 33 00         | 4802  |                                  |
| RFH   | USA / USA           | 10 31 00         | 14 30 00         | 4604  |                                  |
| ESM   | USA                 | 13 0C 00         | 12 2A 00         | 4322  |                                  |
| DTCM  | USA                 | 11 22 00         | 15 0A 01         | 4501  |                                  |
| ORC   | USA                 | 14 0B 00         | 14 12 01         | 4501  |                                  |
| EPS   | USA                 | 10 13 00         | 14 31 DC         | 4005  |                                  |
| HVAC  | USA                 | 13 20 00         | 14 18 01         | 4420  |                                  |
| CSWM  | USA                 | 10 2B 00         | 14 08 00         | 4202  |                                  |
| AMP   | USA                 | 21 01 01         | 15 0B 00         | 4034  |                                  |
| IPC   | USA                 | 21 18 01         | 15 0F 01         | 4805  |                                  |
| SCCM  | USA                 | 13 28 00         | 13 29 00         | 4301  |                                  |
| BCM   | USA                 | 0D 11 00         | 14 2F 50         | 4625  |                                  |
| RADIO | USA                 | 15 0E 14         | 15 0E 14         | 8205  |                                  |
| OCM   | USA                 | 11 31 01         | 11 07 04         | 4060  |                                  |
| BPCM  | Rest of world / ROW | 13 0C 04         | 15 06 43         | 5701  | C3870F1B                         |
| HCP   | USA                 | 15 0C 04         | 15 11 63         | 5403  | C7B99A11<br>D209CE73<br>A6B8D890 |
| AHCP  | USA                 | 15 0C 04         | 14 33 01         | 5600  |                                  |
| ABSO  | USA                 | 15 16 00         | 15 19 02         | 4300  | 83C08F22                         |
| SGW   |                     | 5                | 955              | 4103  |                                  |
| DPDM  | USA                 | 11 31 01         | 11 0F 04         | 4510  |                                  |
| IDCM  | USA                 | 14 1D 00         | 15 1B 00         | 4000  |                                  |

### DTC SUMMARY

| ECU | DTC CODE | DTC DESCRIPTION                                             | STATUS  |
|-----|----------|-------------------------------------------------------------|---------|
| TCM | P0810-00 | Clutch Position Control Error-                              | Stored  |
| TCM | P1B13-00 | Park-By-Wire - Unintended Out of Park Position-             | Stored  |
| TCM | U0102-00 | Lost Communication With Transfer Case Control Module / AWD- | Pending |
| TCM | U1818-00 | Lost Communication With ECM/PCM on D-PT CAN-                | Pending |
| PCM | P0033    | Turbocharger/Supercharger Surge Valve Control Circuit       | Active  |
| PCM | P0118    | Engine Coolant Temperature Sensor Circuit High              | Active  |
| PCM | B2101    | Ignition Run/Start Input Circuit Low                        | Stored  |

|       |          |                                                               |        |
|-------|----------|---------------------------------------------------------------|--------|
| PCM   | P0087    | Fuel Rail Pressure Too Low - Bank 1                           | Stored |
| PCM   | P0197    | Engine Oil Temperature Sensor Circuit Low                     | Stored |
| PCM   | P04CE    | Cooled EGR Temperature Sensor Circuit                         | Stored |
| PCM   | P0300    | Multiple Cylinder Misfire                                     | Stored |
| PCM   | P0172    | Fuel System 1/1 Rich                                          | Stored |
| PCM   | P0128    | Thermostat Rationality                                        | Stored |
| PCM   | P253F    | Engine Oil Deteriorated                                       | Stored |
| RFH   | U0154-00 | Lost Communication With Occupant Classification Module-       | Stored |
| DTCM  | U0401-00 | Implausible Data Received From ECM/PCM "A"-                   | Active |
| ORC   | U0154-00 | Lost Communication With Occupant Classification Module-       | Stored |
| ORC   | B2770-13 | Passenger Airbag Disable OFF Lamp-Circuit Open                | Stored |
| HVAC  | U0422-00 | Implausible Data Received From Body Control Module-           | Active |
| AMP   | B154F-00 | Lost Crankshaft Pulse Signal-                                 | Stored |
| AMP   | B143C-12 | ANC Microphone 2-Circuit Short to Battery                     | Stored |
| AMP   | B143B-12 | ANC Microphone 1-Circuit Short to Battery                     | Stored |
| AMP   | B143F-12 | ANC Microphone 4-Circuit Short to Battery                     | Stored |
| IPC   | U0131-00 | Lost Communication With Power Steering Control Module "A"-    | Stored |
| IPC   | U0102-00 | Lost Communication With Transfer Case Control Module / AWD-   | Stored |
| RADIO | U0002-00 | CAN C Bus Off Performance-                                    | Active |
| HCP   | P2183-00 | Engine Coolant Temperature Sensor 2 Circuit Performance-      | Stored |
| HCP   | P0C74-00 | Motor Electronics Coolant Pump "B" Control Performance-       | Stored |
| HCP   | P0E80-00 | Coolant Bypass Valve "B" Control Stuck Closed-                | Active |
| HCP   | P1A0A-00 | Auxiliary Heater Electric Coolant Pump - Fault Present-       | Stored |
| HCP   | P1B73-00 | Electric Coolant Heater Temperature Inlet Sensor Performance- | Stored |
| ABSO  | P2534-00 | Ignition Switch On/Start Position Circuit Low-                | Stored |
| ABSO  | U0401-00 | Implausible Data Received From ECM/PCM "A"-                   | Stored |
| ABSO  | U0102-00 | Lost Communication With Transfer Case Control Module / AWD-   | Stored |
| ABSO  | U115F-00 | Lost Communication with Driver Presence Detection Module-     | Stored |
| ABSO  | U0100-00 | Lost Communication With ECM/PCM "A"-                          | Stored |

## ENVIRONMENTAL DATA SUMMARY

### TCM | P0810-00 | Stored | Clutch Position Control Error-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | 08 10 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 | True     |       |
| Warning Indicator Requested             | False    |       |
| DTC Extended Data Record Number - All   | 01       |       |
| Occurrence flag                         | Error    |       |

|                            |        |       |
|----------------------------|--------|-------|
| Original Odometer Value    | 289851 | miles |
| Most Recent Odometer Value | 289851 | miles |
| Frequency Counter          | 1      |       |
| Ignition Cycle Counter     | 0      |       |

**TCM | P1B13-00 | Stored | Park-By-Wire - Unintended Out of Park Position-**

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | 1B 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    |       |
| DTC Extended Data Record Number - All   | 01       |       |
| Occurrence flag                         | Error    |       |
| Original Odometer Value                 | 290062   | miles |
| Most Recent Odometer Value              | 290019   | miles |
| Frequency Counter                       | 4        |       |
| Ignition Cycle Counter                  | 0        |       |

**TCM | U0102-00 | Pending | Lost Communication With Transfer Case Control Module / AWD-**

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 02 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | True     |       |
| Pending DTC                             | True     |       |
| Confirmed DTC                           | False    |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| DTC Extended Data Record Number - All   | 01       |       |
| Occurrence flag                         | Error    |       |
| Original Odometer Value                 | 289795   | miles |
| Most Recent Odometer Value              | 289795   | miles |
| Frequency Counter                       | 1        |       |
| Ignition Cycle Counter                  | 0        |       |

**TCM | U1818-00 | Pending | Lost Communication With ECM/PCM on D-PT CAN-**

| NAME | VALUE    | UNITS |
|------|----------|-------|
| DTC  | D8 18 00 |       |

|                                         |        |       |
|-----------------------------------------|--------|-------|
| Test Failed                             | False  |       |
| Test Failed This Operation Cycle        | True   |       |
| Pending DTC                             | True   |       |
| Confirmed DTC                           | False  |       |
| Test Not Completed Since Last Clear     | False  |       |
| Test Failed Since Last Clear            | True   |       |
| Test Not Completed This Operation Cycle | False  |       |
| Warning Indicator Requested             | False  |       |
| DTC Extended Data Record Number - All   | 01     |       |
| Occurrence flag                         | Error  |       |
| Original Odometer Value                 | 289795 | miles |
| Most Recent Odometer Value              | 289795 | miles |
| Frequency Counter                       | 1      |       |
| Ignition Cycle Counter                  | 0      |       |

#### PCM | P0033 | Active | Turbocharger/Supercharger Surge Valve Control Circuit

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | 00 33        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Active       |         |
| Warning Indicator Request State       | On           |         |
| Odometer                              | 5806.1       | miles   |
| Accumulation Timer                    | 31           | 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 | P0118 | Active | Engine Coolant Temperature Sensor Circuit High

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | 01 18        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Active       |         |
| Warning Indicator Request State       | On           |         |
| Odometer                              | 5806.1       | miles   |
| Accumulation Timer                    | 31           | 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 | B2101 | Stored | Ignition Run/Start Input Circuit Low**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | A1 01        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | Off          |         |
| Odometer                              | 5806.1       | miles   |
| Accumulation Timer                    | 0            | minutes |
| Ignition Key Cycles                   | 1            |         |
| Starts Since Set Counter              | 0            |         |
| Key Cycles Since DTC Last Set Counter | 2            |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

**PCM | P0087 | Stored | Fuel Rail Pressure Too Low - Bank 1**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | 00 87        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Odometer                              | 5806.1       | miles   |
| Accumulation Timer                    | 1            | minutes |
| Ignition Key Cycles                   | 22           |         |
| Starts Since Set Counter              | 15           |         |
| Key Cycles Since DTC Last Set Counter | 23           |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

**PCM | P0197 | Stored | Engine Oil Temperature Sensor Circuit Low**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | 01 97        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Odometer                              | 5786.2       | miles   |
| Accumulation Timer                    | 6            | minutes |
| Ignition Key Cycles                   | 24           |         |
| Starts Since Set Counter              | 17           |         |
| Key Cycles Since DTC Last Set Counter | 25           |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

**PCM | P04CE | Stored | Cooled EGR Temperature Sensor Circuit**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | 04 CE        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Odometer                              | 5555.6       | miles   |
| Accumulation Timer                    | 14           | minutes |
| Ignition Key Cycles                   | 24           |         |
| Starts Since Set Counter              | 17           |         |
| Key Cycles Since DTC Last Set Counter | 25           |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

**PCM | P0300 | Stored | Multiple Cylinder Misfire**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | 03 00        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Odometer                              | 5794.2       | miles   |
| Accumulation Timer                    | 49           | minutes |
| Ignition Key Cycles                   | 24           |         |
| Starts Since Set Counter              | 17           |         |
| Key Cycles Since DTC Last Set Counter | 25           |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 0            |         |

**PCM | P0172 | Stored | Fuel System 1/1 Rich**

| NAME                                  | VALUE        | UNITS   |
|---------------------------------------|--------------|---------|
| Number of DTC                         | 1            |         |
| DTC                                   | 01 72        |         |
| DTC Readiness Flag                    | Not Complete |         |
| DTC Storage State                     | Stored       |         |
| Warning Indicator Request State       | On           |         |
| Odometer                              | 5786.2       | miles   |
| Accumulation Timer                    | 4            | minutes |
| Ignition Key Cycles                   | 31           |         |
| Starts Since Set Counter              | 23           |         |
| Key Cycles Since DTC Last Set Counter | 32           |         |
| Warm Up Cycles                        | 0            |         |
| Good Trip Counter                     | 1            |         |

**PCM | P0128 | Stored | Thermostat Rationality**

| 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 | P253F | Stored | Engine Oil Deteriorated**

| 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 | 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            | 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                 | 5906  | miles |
| Most Recent Odometer Value              | 5906  | miles |

|                        |   |  |
|------------------------|---|--|
| Frequency Counter      | 1 |  |
| Ignition Cycle Counter | 2 |  |

**DTCM | U0401-00 | Active | Implausible Data Received From ECM/PCM "A"-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | C4 01 00   |       |
| Test Failed                             | True       |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | False      |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 01         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 5906       | miles |
| Most Recent Odometer Value              | 5906       | miles |
| Frequency Counter                       | 2          |       |
| Ignition Cycle Counter                  | 0          |       |

**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                 | 5906  | miles |
| Most Recent Odometer Value              | 5906  | miles |
| Frequency Counter                       | 1     |       |
| Operation Cycle Counter                 | 2     |       |
| DTC Extended Data Record Number - All   | FF    |       |

**ORC | B2770-13 | Stored | Passenger Airbag Disable OFF Lamp-Circuit Open**

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

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | Error |       |
| Original Odometer Value                 | 5906  | miles |
| Most Recent Odometer Value              | 5906  | miles |
| Frequency Counter                       | 2     |       |
| Operation Cycle Counter                 | 2     |       |
| DTC Extended Data Record Number - All   | FF    |       |

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | True  |       |
| Test Failed This Operation Cycle        | True  |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | Error |       |
| Original Odometer Value                 | 5906  | miles |
| Most Recent Odometer Value              | 5906  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 0     |       |

#### AMP | B154F-00 | Stored | Lost Crankshaft Pulse Signal-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | 95 4F 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 | True     |       |
| Warning Indicator Requested             | False    |       |
| DTC Extended Data Record Number - All   | FF       |       |
| Occurrence flag                         | Error    |       |
| Original Odometer Value                 | 5886     | miles |
| Most Recent Odometer Value              | 5886     | miles |
| Frequency Counter                       | 1        |       |
| Ignition Cycle Counter                  | 11       |       |

**AMP | B143C-12 | Stored | ANC Microphone 2-Circuit Short to Battery**

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | 94 3C 12 |       |
| 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                 | 4941     | miles |
| Most Recent Odometer Value              | 5438     | miles |
| Frequency Counter                       | 3        |       |
| Ignition Cycle Counter                  | 21       |       |

**AMP | B143B-12 | Stored | ANC Microphone 1-Circuit Short to Battery**

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | 94 3B 12 |       |
| 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                 | 4931     | miles |
| Most Recent Odometer Value              | 5438     | miles |
| Frequency Counter                       | 5        |       |
| Ignition Cycle Counter                  | 21       |       |

**AMP | B143F-12 | Stored | ANC Microphone 4-Circuit Short to Battery**

| NAME                                | VALUE    | UNITS |
|-------------------------------------|----------|-------|
| DTC                                 | 94 3F 12 |       |
| 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                 | 4941  | miles |
| Most Recent Odometer Value              | 4941  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 28    |       |

**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   | 01    |       |
| Occurrence flag                         | Error |       |
| Original Odometer Value                 | 5906  | miles |
| Most Recent Odometer Value              | 5906  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 2     |       |

**IPC | U0102-00 | Stored | Lost Communication With Transfer Case Control Module / AWD-**

| 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                 | 5906  | miles |
| Most Recent Odometer Value              | 5906  | miles |
| Frequency Counter                       | 1     |       |
| Ignition Cycle Counter                  | 2     |       |

**RADIO | U0002-00 | Active | CAN C Bus Off Performance-**

| NAME                                     | VALUE      | UNITS |
|------------------------------------------|------------|-------|
| DTCTable                                 | C0 02 00   |       |
| TestFailed                               | True       |       |
| TestFailedThisMonitoringCycle            | True       |       |
| Pending DTC                              | True       |       |
| Confirmed DTC                            | True       |       |
| Test Not Completed This Monitoring Cycle | False      |       |
| Warning Indicator Requested              | False      |       |
| DTCExtendedDataRecordNumber              | FF         |       |
| Occurance Flag                           | Occurrence |       |
| Reserved                                 | Reserved   |       |
| Original Odometer Value                  | 5906       | miles |
| Most Recent Odometer Value               | 5906       | miles |
| Frequency Counter                        | 1          |       |
| Ignition Counter                         | 0          |       |
| RDI \$6080                               | 60 80      |       |
| Event Counter                            | 64         |       |

**HCP | P2183-00 | Stored | Engine Coolant Temperature Sensor 2 Circuit Performance-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | 21 83 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 | True       |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number         | 11         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 5580.8     | miles |
| Most Recent Odometer Value              | 5627.6     | miles |
| Frequency Counter                       | 10         |       |
| Ignition Cycle Counter                  | 0          |       |
| Microcontroller reset reason - Core 0   | Power Up   |       |
| Microcontroller reset reason - Core 1   | Power Up   |       |
| Real time clock                         | 963303616  | sec   |
| RAM stamps keyOn                        | 495        | sec   |
| RAM Stamps                              | 31704      | Min   |
| Accelerator Pedal Position              | 0          | %     |
| Barometric Pressure                     | 14         | PSI   |
| Engine Coolant Temperature              | 156        | °F    |

|                                         |                          |        |
|-----------------------------------------|--------------------------|--------|
| Engine Speed                            | 1775                     | rpm    |
| Vehicle Speed                           | 13.7964                  | MPH    |
| HV Battery SOC                          | 30                       | %      |
| Brake Switch Status                     | Not Applied              |        |
| Battery Feed Voltage 1 Sense            | 13.824                   | Volts  |
| Battery Feed Voltage 2 Sense            | 13.824                   | Volts  |
| Battery Feed Voltage 3 Sense            | 13.752                   | Volts  |
| Internal EPS Voltage Sense A            | 8.928                    | Volts  |
| Internal EPS Voltage Sense B            | 8.928                    | Volts  |
| Hybrid System State                     | Propulsion System Active |        |
| Actual Torque - Motor A                 | 0.000                    | Ft-Lbs |
| Actual Torque - Motor B                 | 18.805                   | Ft-Lbs |
| Available Motor Torque - Motor A        | 39.086                   | Ft-Lbs |
| Available Motor Torque - Motor B        | 179.664                  | Ft-Lbs |
| Available Regen Torque - Motor A        | -39.086                  | Ft-Lbs |
| Available Regen Torque - Motor B        | -179.757                 | Ft-Lbs |
| Commanded Torque - Motor A              | 0.000                    | Ft-Lbs |
| Commanded Torque - Motor B              | 18.068                   | 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    | 0                        | AMP    |
| Motor B - Inverter Current - phase B    | 0                        | AMP    |
| Motor B - Inverter Current - phase C    | 0                        | AMP    |
| Motor A Resolver Angle                  | 182                      | Degree |
| Motor B Resolver Angle                  | Not Programmed           | Degree |
| Motor A Temp Sensor                     | 86                       | °F     |
| Motor B Temp Sensor                     | 122                      | °F     |
| Outside Air Temperature                 | 53.6                     | °F     |
| Ignition State                          | Reserved                 |        |
| HCP ePT Wake-Up Output                  | Off                      |        |
| CBC Wake-Up Input                       | Off                      |        |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |        |
| Propulsion System Active                | True                     |        |
| HV Contactor Status                     | Closed                   |        |
| HV Battery Voltage from BPCM            | 340.40                   | Volts  |
| Electric Motor A Speed                  | 4238.0                   | rpm    |
| Electric Motor B Speed                  | 1778.0                   | rpm    |
| PIM DC Link Voltage - A                 | 341                      | Volts  |
| PIM DC Link Voltage - B                 | 340                      | Volts  |
| Inverter A IGBT Temperature for phase A | 79                       | °F     |
| Inverter A IGBT Temperature for phase B | 75                       | °F     |
| Inverter A IGBT Temperature for phase C | 79                       | °F     |
| Inverter B IGBT Temperature for phase A | 95                       | °F     |

|                                                        |             |       |
|--------------------------------------------------------|-------------|-------|
| Inverter B IGBT Temperature for phase B                | 95          | °F    |
| Inverter B IGBT Temperature for phase C                | 93          | °F    |
| APM Status                                             | Buck CV     |       |
| Impact Event                                           | False       |       |
| PRND Position Display                                  | D           |       |
| HCP System Shutdown Command                            | Default     |       |
| PHEV Charging Status                                   | No Charging |       |
| Distance Travelled with Light ON                       | 90          | miles |
| OBCM Operating Mode                                    | UTC         |       |
| J1772 Prox Detected State                              | Prox Out    |       |
| HV Battery Sleep Time                                  | 0           | Days  |
| Power Electronics Coolant Temp out Sensor              | 73          | °F    |
| Passive Pump Coolant Temp In Sensor                    | 72          | °F    |
| ePT Radiator Fan Duty Cycle                            | 0           | %     |
| ECM Radiator Fan Duty Cycle                            | 19          | %     |
| Radiator Fan PWM Command                               | 19          | %     |
| Radiator Fan Actual PWM Feedback                       | 19          | %     |
| Heater Core Coolant Temperature Inlet Sensor           | 151         | °F    |
| Electric Coolant Heater Intel Temp sensor              | 55          | °F    |
| Ambient Temperature Voltage                            | 3.215686252 | Volts |
| Power Electronics Coolant Pump Response Error          | False       |       |
| Power Electronics Coolant Pump 2 Response Error        | False       |       |
| Power Electronics Coolant Pump Node Error              | No Error    |       |
| Power Electronics Coolant Pump 2 Node Error            | No Error    |       |
| Power Electronics Coolant Pump De Block Error          | False       |       |
| Power Electronics Coolant Pump2 De Block Error         | False       |       |
| Power Electronics Coolant Pump Voltage Error           | False       |       |
| Power Electronics Coolant Pump2 Voltage Error          | False       |       |
| Power Electronics Coolant Pump Dry Run Error           | False       |       |
| Power Electronics Coolant Pump2 Dry Run Error          | False       |       |
| Power Electronics Coolant Pump Over Current Error      | False       |       |
| Power Electronics Coolant Pump2 Over Current Error     | False       |       |
| Power Electronics Coolant Pump over temperature Error  | False       |       |
| Power Electronics Coolant Pump2 over temperature Error | False       |       |
| Low Temperature Passive Pump Duty Cycle Command        | 86          | %     |
| Low Temperature Passive Pump Duty Cycle Feedback       | 87          | %     |
| Passive Pump Coolant Temperature in Sensor             | 72          | °F    |
| Low Temp Passive Pump - Temperature                    | 75          | °F    |
| Power Electronics Coolant pump - Temperature           | 75          | °F    |
| Power Electronics Coolant Pump Duty Cycle Command      | 25          | %     |
| Power Electronics Coolant Pump Duty Cycle Feedback     | 26          | %     |
| Electric Coolant Heater Temp Inlet Sensor              | 55          | °F    |
| High Temperature Shut-Off Valve Status                 | On          |       |
| HV Coolant Heater - Measured Coolant Inlet Temp        | 207         | °F    |

|                                                                      |                  |         |
|----------------------------------------------------------------------|------------------|---------|
| HV Coolant Heater - Measured Coolant Outlet Temp                     | 192              | °F      |
| Auxiliary Heater Pump Temperature                                    | 90               | °F      |
| ECH Status                                                           | Off              |         |
| High Temperature Auxiliary Pump Temperature                          | No Post Running  |         |
| Auxiliary Heater Pump Actual RPM                                     | 75               | %       |
| HV Coolant Heater- Actual Current Consumption                        | 0.00             | Amps    |
| HV Coolant Heater- Measured High Voltage                             | 342              | Volt    |
| HV Coolant Heater-Actual Power Consumption                           | 0                | watts   |
| HV Coolant Heater-Desired Power Consumption                          | 0                | watts   |
| HV Coolant Heater - Response Error                                   | No Error         |         |
| HV Coolant Heater-Communication Error                                | False            |         |
| HV Coolant Heater-High Voltage Out of Range                          | False            |         |
| HV Coolant Heater-Low Voltage Out of Range                           | False            |         |
| HV Coolant Heater - Coolant Temp Out of Range                        | False            |         |
| HV Coolant Heater - HV Protection                                    | False            |         |
| HV Coolant Heater - Overheat Protection                              | False            |         |
| HV Coolant Heater - Coolant Inlet Temp Sensor Defect                 | False            |         |
| HV Coolant Heater - Coolant Outlet Temp Sensor Defect                | False            |         |
| HV Coolant Heater - Heater Core Temp Sensor Defect                   | False            |         |
| HV Coolant Heater - Short or Open Circuit at IGBTs                   | False            |         |
| HV Coolant Heater - Current Consumption at High Voltage Out of Range | False            |         |
| HV Coolant Heater - Memory Error                                     | False            |         |
| HV Coolant Heater - DC/DC Voltage Out of Range                       | False            |         |
| Engine RPM                                                           | 1775             | rpm     |
| Thermal System Enable                                                | On               |         |
| PECP Post Run Request                                                | SNA              |         |
| PECP Post Run Status                                                 | No Post Running  |         |
| PECP2 Post Run Request                                               | SNA              |         |
| PECP2 Post Run Status                                                | Post Run 4       |         |
| ECH Power Consumption Allowed                                        | 0                | rpm     |
| ECH Water Temperature Desired                                        | 32               | °F      |
| ECH Enable                                                           | False            |         |
| ECH Over Heat Unlock                                                 | NO_ACTION        |         |
| ECH Unlock Counter                                                   | 0 times unlocked |         |
| GPS Date - Year                                                      | 58887            | Year    |
| GPS Date - Month                                                     | 3                |         |
| GPS Date - Day                                                       | 29               | Days    |
| UTC Time - Hour                                                      | 21               | Hours   |
| UTC Time - Minutes                                                   | 51               |         |
| UTC Time - Seconds                                                   | 0                | seconds |
| ECU Time - Milliseconds                                              | 69               | ms      |

#### HCP | P0C74-00 | Stored | Motor Electronics Coolant Pump "B" Control Performance-

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

|                                         |                          |        |
|-----------------------------------------|--------------------------|--------|
| DTC                                     | 0C 74 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 | True                     |        |
| Warning Indicator Requested             | False                    |        |
| DTC Extended Data Record Number         | 11                       |        |
| Occurrence flag                         | Occurrence               |        |
| Original Odometer Value                 | 5623.2                   | miles  |
| Most Recent Odometer Value              | 5631.9                   | miles  |
| Frequency Counter                       | 3                        |        |
| Ignition Cycle Counter                  | 0                        |        |
| Microcontroller reset reason - Core 0   | Power Up                 |        |
| Microcontroller reset reason - Core 1   | Power Up                 |        |
| Real time clock                         | 963318272                | sec    |
| RAM stamps keyOn                        | 150                      | sec    |
| RAM Stamps                              | 31946                    | Min    |
| Accelerator Pedal Position              | 0                        | %      |
| Barometric Pressure                     | 14                       | PSI    |
| Engine Coolant Temperature              | 208                      | °F     |
| Engine Speed                            | 907                      | rpm    |
| Vehicle Speed                           | 3.1748                   | MPH    |
| HV Battery SOC                          | 51                       | %      |
| Brake Switch Status                     | Applied                  |        |
| Battery Feed Voltage 1 Sense            | 12.816                   | Volts  |
| Battery Feed Voltage 2 Sense            | 12.816                   | Volts  |
| Battery Feed Voltage 3 Sense            | 12.960                   | Volts  |
| Internal EPS Voltage Sense A            | 8.928                    | Volts  |
| Internal EPS Voltage Sense B            | 8.928                    | Volts  |
| Hybrid System State                     | Propulsion System Active |        |
| Actual Torque - Motor A                 | 0.000                    | Ft-Lbs |
| Actual Torque - Motor B                 | 10.878                   | Ft-Lbs |
| Available Motor Torque - Motor A        | 39.086                   | Ft-Lbs |
| Available Motor Torque - Motor B        | 179.757                  | Ft-Lbs |
| Available Regen Torque - Motor A        | -39.086                  | Ft-Lbs |
| Available Regen Torque - Motor B        | -179.941                 | Ft-Lbs |
| Commanded Torque - Motor A              | 0.000                    | Ft-Lbs |
| Commanded Torque - Motor B              | 11.523                   | 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          | 0                     | AMP    |
| Motor B - Inverter Current - phase B          | 0                     | AMP    |
| Motor B - Inverter Current - phase C          | 0                     | AMP    |
| Motor A Resolver Angle                        | 296                   | Degree |
| Motor B Resolver Angle                        | Not Programmed        | Degree |
| Motor A Temp Sensor                           | 86                    | °F     |
| Motor B Temp Sensor                           | 138                   | °F     |
| Outside Air Temperature                       | 50.0                  | °F     |
| Ignition State                                | Reserved              |        |
| HCP ePT Wake-Up Output                        | Off                   |        |
| CBC Wake-Up Input                             | Off                   |        |
| EPT LOC Diag Enable                           | Enable LOC Diagnostic |        |
| Propulsion System Active                      | True                  |        |
| HV Contactor Status                           | Closed                |        |
| HV Battery Voltage from BPCM                  | 351.90                | Volts  |
| Electric Motor A Speed                        | 2162.5                | rpm    |
| Electric Motor B Speed                        | 906.0                 | rpm    |
| PIM DC Link Voltage - A                       | 352                   | Volts  |
| PIM DC Link Voltage - B                       | 352                   | Volts  |
| Inverter A IGBT Temperature for phase A       | 75                    | °F     |
| Inverter A IGBT Temperature for phase B       | 68                    | °F     |
| Inverter A IGBT Temperature for phase C       | 73                    | °F     |
| Inverter B IGBT Temperature for phase A       | 81                    | °F     |
| Inverter B IGBT Temperature for phase B       | 81                    | °F     |
| Inverter B IGBT Temperature for phase C       | 81                    | °F     |
| APM Status                                    | Buck CV               |        |
| Impact Event                                  | False                 |        |
| PRND Position Display                         | D                     |        |
| HCP System Shutdown Command                   | Default               |        |
| PHEV Charging Status                          | No Charging           |        |
| Distance Travelled with Light ON              | 96                    | miles  |
| OBCM Operating Mode                           | UTC                   |        |
| J1772 Prox Detected State                     | Prox Out              |        |
| HV Battery Sleep Time                         | 0                     | Days   |
| Power Electronics Coolant Temp out Sensor     | 72                    | °F     |
| Passive Pump Coolant Temp In Sensor           | 64                    | °F     |
| ePT Radiator Fan Duty Cycle                   | 0                     | %      |
| ECM Radiator Fan Duty Cycle                   | 7                     | %      |
| Radiator Fan PWM Command                      | 7                     | %      |
| Radiator Fan Actual PWM Feedback              | 7                     | %      |
| Heater Core Coolant Temperature Inlet Sensor  | 104                   | °F     |
| Electric Coolant Heater Intel Temp sensor     | 90                    | °F     |
| Ambient Temperature Voltage                   | 3.313725467           | Volts  |
| Power Electronics Coolant Pump Response Error | False                 |        |

|                                                                      |                      |       |
|----------------------------------------------------------------------|----------------------|-------|
| Power Electronics Coolant Pump 2 Response Error                      | False                |       |
| Power Electronics Coolant Pump Node Error                            | No Error             |       |
| Power Electronics Coolant Pump 2 Node Error                          | No Error             |       |
| Power Electronics Coolant Pump De Block Error                        | False                |       |
| Power Electronics Coolant Pump2 De Block Error                       | False                |       |
| Power Electronics Coolant Pump Voltage Error                         | False                |       |
| Power Electronics Coolant Pump2 Voltage Error                        | False                |       |
| Power Electronics Coolant Pump Dry Run Error                         | False                |       |
| Power Electronics Coolant Pump2 Dry Run Error                        | False                |       |
| Power Electronics Coolant Pump Over Current Error                    | False                |       |
| Power Electronics Coolant Pump2 Over Current Error                   | False                |       |
| Power Electronics Coolant Pump over temperature Error                | False                |       |
| Power Electronics Coolant Pump2 over temperature Error               | False                |       |
| Low Temperature Passive Pump Duty Cycle Command                      | 86                   | %     |
| Low Temperature Passive Pump Duty Cycle Feedback                     | 86                   | %     |
| Passive Pump Coolant Temperature in Sensor                           | 64                   | °F    |
| Low Temp Passive Pump - Temperature                                  | 75                   | °F    |
| Power Electronics Coolant pump - Temperature                         | 68                   | °F    |
| Power Electronics Coolant Pump Duty Cycle Command                    | 25                   | %     |
| Power Electronics Coolant Pump Duty Cycle Feedback                   | 25                   | %     |
| Electric Coolant Heater Temp Inlet Sensor                            | 90                   | °F    |
| High Temperature Shut-Off Valve Status                               | Off                  |       |
| HV Coolant Heater - Measured Coolant Inlet Temp                      | 133                  | °F    |
| HV Coolant Heater - Measured Coolant Outlet Temp                     | 124                  | °F    |
| Auxiliary Heater Pump Temperature                                    | 86                   | °F    |
| ECH Status                                                           | Locked Until Service |       |
| High Temperature Auxiliary Pump Temperature                          | No Post Running      |       |
| Auxiliary Heater Pump Actual RPM                                     | 0                    | %     |
| HV Coolant Heater- Actual Current Consumption                        | 0.00                 | Amps  |
| HV Coolant Heater- Measured High Voltage                             | 353                  | Volt  |
| HV Coolant Heater-Actual Power Consumption                           | 0                    | watts |
| HV Coolant Heater-Desired Power Consumption                          | 0                    | watts |
| HV Coolant Heater - Response Error                                   | No Error             |       |
| HV Coolant Heater-Communication Error                                | False                |       |
| HV Coolant Heater-High Voltage Out of Range                          | False                |       |
| HV Coolant Heater-Low Voltage Out of Range                           | False                |       |
| HV Coolant Heater - Coolant Temp Out of Range                        | False                |       |
| HV Coolant Heater - HV Protection                                    | False                |       |
| HV Coolant Heater - Overheat Protection                              | False                |       |
| HV Coolant Heater - Coolant Inlet Temp Sensor Defect                 | False                |       |
| HV Coolant Heater - Coolant Outlet Temp Sensor Defect                | False                |       |
| HV Coolant Heater - Heater Core Temp Sensor Defect                   | False                |       |
| HV Coolant Heater - Short or Open Circuit at IGBTs                   | False                |       |
| HV Coolant Heater - Current Consumption at High Voltage Out of Range | False                |       |

|                                                |                  |         |
|------------------------------------------------|------------------|---------|
| HV Coolant Heater - Memory Error               | False            |         |
| HV Coolant Heater - DC/DC Voltage Out of Range | False            |         |
| Engine RPM                                     | 907              | rpm     |
| Thermal System Enable                          | On               |         |
| PECP Post Run Request                          | SNA              |         |
| PECP Post Run Status                           | No Post Running  |         |
| PECP2 Post Run Request                         | SNA              |         |
| PECP2 Post Run Status                          | Post Run 4       |         |
| ECH Power Consumption Allowed                  | 0                | rpm     |
| ECH Water Temperature Desired                  | 32               | °F      |
| ECH Enable                                     | False            |         |
| ECH Over Heat Unlock                           | NO_ACTION        |         |
| ECH Unlock Counter                             | 0 times unlocked |         |
| GPS Date - Year                                | 58887            | Year    |
| GPS Date - Month                               | 3                |         |
| GPS Date - Day                                 | 30               | Days    |
| UTC Time - Hour                                | 1                | Hours   |
| UTC Time - Minutes                             | 56               |         |
| UTC Time - Seconds                             | 0                | seconds |
| ECU Time - Milliseconds                        | 876              | ms      |

#### HCP | POE80-00 | Active | Coolant Bypass Valve "B" Control Stuck Closed-

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | 0E 80 00   |       |
| Test Failed                             | True       |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | True       |       |
| 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       |       |
| DTC Extended Data Record Number         | 11         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 5534.6     | miles |
| Most Recent Odometer Value              | 5900.2     | miles |
| Frequency Counter                       | 32         |       |
| Ignition Cycle Counter                  | 0          |       |
| Microcontroller reset reason - Core 0   | Power Up   |       |
| Microcontroller reset reason - Core 1   | Power Up   |       |
| Real time clock                         | 964246016  | sec   |
| RAM stamps keyOn                        | 555        | sec   |
| RAM Stamps                              | 35009      | Min   |
| Accelerator Pedal Position              | 0          | %     |

|                                         |                          |        |
|-----------------------------------------|--------------------------|--------|
| Barometric Pressure                     | 14                       | PSI    |
| Engine Coolant Temperature              | 135                      | °F     |
| Engine Speed                            | 1300                     | rpm    |
| Vehicle Speed                           | 0.0000                   | MPH    |
| HV Battery SOC                          | 14                       | %      |
| Brake Switch Status                     | Applied                  |        |
| Battery Feed Voltage 1 Sense            | 14.400                   | Volts  |
| Battery Feed Voltage 2 Sense            | 14.400                   | Volts  |
| Battery Feed Voltage 3 Sense            | 14.472                   | Volts  |
| Internal EPS Voltage Sense A            | 8.928                    | Volts  |
| Internal EPS Voltage Sense B            | 8.928                    | Volts  |
| Hybrid System State                     | Propulsion System Active |        |
| Actual Torque - Motor A                 | 0.000                    | Ft-Lbs |
| Actual Torque - Motor B                 | -32.541                  | Ft-Lbs |
| Available Motor Torque - Motor A        | 39.086                   | Ft-Lbs |
| Available Motor Torque - Motor B        | 179.572                  | Ft-Lbs |
| Available Regen Torque - Motor A        | -39.086                  | Ft-Lbs |
| Available Regen Torque - Motor B        | -179.664                 | Ft-Lbs |
| Commanded Torque - Motor A              | 0.000                    | Ft-Lbs |
| Commanded Torque - Motor B              | -32.909                  | 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    | 0                        | AMP    |
| Motor B - Inverter Current - phase B    | 0                        | AMP    |
| Motor B - Inverter Current - phase C    | 4                        | AMP    |
| Motor A Resolver Angle                  | 222                      | Degree |
| Motor B Resolver Angle                  | Not Programmed           | Degree |
| Motor A Temp Sensor                     | 77                       | °F     |
| Motor B Temp Sensor                     | 113                      | °F     |
| Outside Air Temperature                 | 57.2                     | °F     |
| Ignition State                          | Reserved                 |        |
| HCP ePT Wake-Up Output                  | Off                      |        |
| CBC Wake-Up Input                       | Off                      |        |
| EPT LOC Diag Enable                     | Enable LOC Diagnostic    |        |
| Propulsion System Active                | True                     |        |
| HV Contactor Status                     | Closed                   |        |
| HV Battery Voltage from BPCM            | 338.50                   | Volts  |
| Electric Motor A Speed                  | 3108.5                   | rpm    |
| Electric Motor B Speed                  | 1296.0                   | rpm    |
| PIM DC Link Voltage - A                 | 339                      | Volts  |
| PIM DC Link Voltage - B                 | 338                      | Volts  |
| Inverter A IGBT Temperature for phase A | 75                       | °F     |
| Inverter A IGBT Temperature for phase B | 70                       | °F     |

|                                                        |             |       |
|--------------------------------------------------------|-------------|-------|
| Inverter A IGBT Temperature for phase C                | 73          | °F    |
| Inverter B IGBT Temperature for phase A                | 93          | °F    |
| Inverter B IGBT Temperature for phase B                | 93          | °F    |
| Inverter B IGBT Temperature for phase C                | 90          | °F    |
| APM Status                                             | Buck CV     |       |
| Impact Event                                           | False       |       |
| PRND Position Display                                  | D           |       |
| HCP System Shutdown Command                            | Default     |       |
| PHEV Charging Status                                   | No Charging |       |
| Distance Travelled with Light ON                       | 360         | miles |
| OBCM Operating Mode                                    | UTC         |       |
| J1772 Prox Detected State                              | Prox Out    |       |
| HV Battery Sleep Time                                  | 1           | Days  |
| Power Electronics Coolant Temp out Sensor              | 70          | °F    |
| Passive Pump Coolant Temp In Sensor                    | 70          | °F    |
| ePT Radiator Fan Duty Cycle                            | 0           | %     |
| ECM Radiator Fan Duty Cycle                            | 7           | %     |
| Radiator Fan PWM Command                               | 7           | %     |
| Radiator Fan Actual PWM Feedback                       | 7           | %     |
| Heater Core Coolant Temperature Inlet Sensor           | 55          | °F    |
| Electric Coolant Heater Intel Temp sensor              | 57          | °F    |
| Ambient Temperature Voltage                            | 3.078431351 | Volts |
| Power Electronics Coolant Pump Response Error          | False       |       |
| Power Electronics Coolant Pump 2 Response Error        | False       |       |
| Power Electronics Coolant Pump Node Error              | No Error    |       |
| Power Electronics Coolant Pump 2 Node Error            | No Error    |       |
| Power Electronics Coolant Pump De Block Error          | False       |       |
| Power Electronics Coolant Pump2 De Block Error         | False       |       |
| Power Electronics Coolant Pump Voltage Error           | False       |       |
| Power Electronics Coolant Pump2 Voltage Error          | False       |       |
| Power Electronics Coolant Pump Dry Run Error           | False       |       |
| Power Electronics Coolant Pump2 Dry Run Error          | False       |       |
| Power Electronics Coolant Pump Over Current Error      | False       |       |
| Power Electronics Coolant Pump2 Over Current Error     | False       |       |
| Power Electronics Coolant Pump over temperature Error  | False       |       |
| Power Electronics Coolant Pump2 over temperature Error | False       |       |
| Low Temperature Passive Pump Duty Cycle Command        | 86          | %     |
| Low Temperature Passive Pump Duty Cycle Feedback       | 86          | %     |
| Passive Pump Coolant Temperature in Sensor             | 70          | °F    |
| Low Temp Passive Pump - Temperature                    | 75          | °F    |
| Power Electronics Coolant pump - Temperature           | 68          | °F    |
| Power Electronics Coolant Pump Duty Cycle Command      | 25          | %     |
| Power Electronics Coolant Pump Duty Cycle Feedback     | 25          | %     |
| Electric Coolant Heater Temp Inlet Sensor              | 57          | °F    |

|                                                                      |                      |         |
|----------------------------------------------------------------------|----------------------|---------|
| High Temperature Shut-Off Valve Status                               | Off                  |         |
| HV Coolant Heater - Measured Coolant Inlet Temp                      | 57                   | °F      |
| HV Coolant Heater - Measured Coolant Outlet Temp                     | 57                   | °F      |
| Auxiliary Heater Pump Temperature                                    | 68                   | °F      |
| ECH Status                                                           | Locked Until Service |         |
| High Temperature Auxiliary Pump Temperature                          | No Post Running      |         |
| Auxiliary Heater Pump Actual RPM                                     | 80                   | %       |
| HV Coolant Heater- Actual Current Consumption                        | 0.00                 | Amps    |
| HV Coolant Heater- Measured High Voltage                             | 341                  | Volt    |
| HV Coolant Heater-Actual Power Consumption                           | 0                    | watts   |
| HV Coolant Heater-Desired Power Consumption                          | 0                    | watts   |
| HV Coolant Heater - Response Error                                   | No Error             |         |
| HV Coolant Heater-Communication Error                                | False                |         |
| HV Coolant Heater-High Voltage Out of Range                          | False                |         |
| HV Coolant Heater-Low Voltage Out of Range                           | False                |         |
| HV Coolant Heater - Coolant Temp Out of Range                        | False                |         |
| HV Coolant Heater - HV Protection                                    | False                |         |
| HV Coolant Heater - Overheat Protection                              | False                |         |
| HV Coolant Heater - Coolant Inlet Temp Sensor Defect                 | False                |         |
| HV Coolant Heater - Coolant Outlet Temp Sensor Defect                | False                |         |
| HV Coolant Heater - Heater Core Temp Sensor Defect                   | False                |         |
| HV Coolant Heater - Short or Open Circuit at IGBTs                   | False                |         |
| HV Coolant Heater - Current Consumption at High Voltage Out of Range | False                |         |
| HV Coolant Heater - Memory Error                                     | False                |         |
| HV Coolant Heater - DC/DC Voltage Out of Range                       | False                |         |
| Engine RPM                                                           | 1300                 | rpm     |
| Thermal System Enable                                                | On                   |         |
| PECP Post Run Request                                                | SNA                  |         |
| PECP Post Run Status                                                 | No Post Running      |         |
| PECP2 Post Run Request                                               | SNA                  |         |
| PECP2 Post Run Status                                                | Post Run 4           |         |
| ECH Power Consumption Allowed                                        | 0                    | rpm     |
| ECH Water Temperature Desired                                        | 32                   | °F      |
| ECH Enable                                                           | False                |         |
| ECH Over Heat Unlock                                                 | NO_ACTION            |         |
| ECH Unlock Counter                                                   | 0 times unlocked     |         |
| GPS Date - Year                                                      | 58887                | Year    |
| GPS Date - Month                                                     | 4                    |         |
| GPS Date - Day                                                       | 9                    | Days    |
| UTC Time - Hour                                                      | 19                   | Hours   |
| UTC Time - Minutes                                                   | 39                   |         |
| UTC Time - Seconds                                                   | 0                    | seconds |
| ECU Time - Milliseconds                                              | 818                  | ms      |

## HCP | P1A0A-00 | Stored | Auxiliary Heater Electric Coolant Pump - Fault Present-

| NAME                                    | VALUE                    | UNITS  |
|-----------------------------------------|--------------------------|--------|
| DTC                                     | 1A 0A 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 | True                     |        |
| Warning Indicator Requested             | False                    |        |
| DTC Extended Data Record Number         | 11                       |        |
| Occurrence flag                         | Occurrence               |        |
| Original Odometer Value                 | 5626.4                   | miles  |
| Most Recent Odometer Value              | 5627.5                   | miles  |
| Frequency Counter                       | 2                        |        |
| Ignition Cycle Counter                  | 0                        |        |
| Microcontroller reset reason - Core 0   | Power Up                 |        |
| Microcontroller reset reason - Core 1   | Power Up                 |        |
| Real time clock                         | 963303552                | sec    |
| RAM stamps keyOn                        | 480                      | sec    |
| RAM Stamps                              | 31703                    | Min    |
| Accelerator Pedal Position              | 0                        | %      |
| Barometric Pressure                     | 14                       | PSI    |
| Engine Coolant Temperature              | 153                      | °F     |
| Engine Speed                            | 2159                     | rpm    |
| Vehicle Speed                           | 25.1607                  | MPH    |
| HV Battery SOC                          | 30                       | %      |
| Brake Switch Status                     | Not Applied              |        |
| Battery Feed Voltage 1 Sense            | 13.608                   | Volts  |
| Battery Feed Voltage 2 Sense            | 13.608                   | Volts  |
| Battery Feed Voltage 3 Sense            | 13.608                   | Volts  |
| Internal EPS Voltage Sense A            | 8.928                    | Volts  |
| Internal EPS Voltage Sense B            | 8.928                    | Volts  |
| Hybrid System State                     | Propulsion System Active |        |
| Actual Torque - Motor A                 | 0.000                    | Ft-Lbs |
| Actual Torque - Motor B                 | 42.957                   | Ft-Lbs |
| Available Motor Torque - Motor A        | 39.086                   | Ft-Lbs |
| Available Motor Torque - Motor B        | 179.757                  | Ft-Lbs |
| Available Regen Torque - Motor A        | -39.086                  | Ft-Lbs |
| Available Regen Torque - Motor B        | -179.664                 | Ft-Lbs |
| Commanded Torque - Motor A              | 0.000                    | Ft-Lbs |
| Commanded Torque - Motor B              | 39.823                   | 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         | 0                     | AMP    |
| Motor B - Inverter Current - phase B         | 0                     | AMP    |
| Motor B - Inverter Current - phase C         | 0                     | AMP    |
| Motor A Resolver Angle                       | 238                   | Degree |
| Motor B Resolver Angle                       | Not Programmed        | Degree |
| Motor A Temp Sensor                          | 86                    | °F     |
| Motor B Temp Sensor                          | 120                   | °F     |
| Outside Air Temperature                      | 53.6                  | °F     |
| Ignition State                               | Reserved              |        |
| HCP ePT Wake-Up Output                       | Off                   |        |
| CBC Wake-Up Input                            | Off                   |        |
| EPT LOC Diag Enable                          | Enable LOC Diagnostic |        |
| Propulsion System Active                     | True                  |        |
| HV Contactor Status                          | Closed                |        |
| HV Battery Voltage from BPCM                 | 335.90                | Volts  |
| Electric Motor A Speed                       | 5163.0                | rpm    |
| Electric Motor B Speed                       | 2159.5                | rpm    |
| PIM DC Link Voltage - A                      | 336                   | Volts  |
| PIM DC Link Voltage - B                      | 336                   | Volts  |
| Inverter A IGBT Temperature for phase A      | 75                    | °F     |
| Inverter A IGBT Temperature for phase B      | 72                    | °F     |
| Inverter A IGBT Temperature for phase C      | 73                    | °F     |
| Inverter B IGBT Temperature for phase A      | 102                   | °F     |
| Inverter B IGBT Temperature for phase B      | 102                   | °F     |
| Inverter B IGBT Temperature for phase C      | 100                   | °F     |
| APM Status                                   | Buck CV               |        |
| Impact Event                                 | False                 |        |
| PRND Position Display                        | D                     |        |
| HCP System Shutdown Command                  | Default               |        |
| PHEV Charging Status                         | No Charging           |        |
| Distance Travelled with Light ON             | 90                    | miles  |
| OBCM Operating Mode                          | UTC                   |        |
| J1772 Prox Detected State                    | Prox Out              |        |
| HV Battery Sleep Time                        | 0                     | Days   |
| Power Electronics Coolant Temp out Sensor    | 73                    | °F     |
| Passive Pump Coolant Temp In Sensor          | 72                    | °F     |
| ePT Radiator Fan Duty Cycle                  | 0                     | %      |
| ECM Radiator Fan Duty Cycle                  | 19                    | %      |
| Radiator Fan PWM Command                     | 19                    | %      |
| Radiator Fan Actual PWM Feedback             | 19                    | %      |
| Heater Core Coolant Temperature Inlet Sensor | 178                   | °F     |
| Electric Coolant Heater Intel Temp sensor    | 55                    | °F     |

|                                                        |                 |       |
|--------------------------------------------------------|-----------------|-------|
| Ambient Temperature Voltage                            | 3.215686252     | Volts |
| Power Electronics Coolant Pump Response Error          | False           |       |
| Power Electronics Coolant Pump 2 Response Error        | False           |       |
| Power Electronics Coolant Pump Node Error              | No Error        |       |
| Power Electronics Coolant Pump 2 Node Error            | No Error        |       |
| Power Electronics Coolant Pump De Block Error          | False           |       |
| Power Electronics Coolant Pump2 De Block Error         | False           |       |
| Power Electronics Coolant Pump Voltage Error           | False           |       |
| Power Electronics Coolant Pump2 Voltage Error          | False           |       |
| Power Electronics Coolant Pump Dry Run Error           | False           |       |
| Power Electronics Coolant Pump2 Dry Run Error          | False           |       |
| Power Electronics Coolant Pump Over Current Error      | False           |       |
| Power Electronics Coolant Pump2 Over Current Error     | False           |       |
| Power Electronics Coolant Pump over temperature Error  | False           |       |
| Power Electronics Coolant Pump2 over temperature Error | False           |       |
| Low Temperature Passive Pump Duty Cycle Command        | 78              | %     |
| Low Temperature Passive Pump Duty Cycle Feedback       | 78              | %     |
| Passive Pump Coolant Temperature in Sensor             | 72              | °F    |
| Low Temp Passive Pump - Temperature                    | 75              | °F    |
| Power Electronics Coolant pump - Temperature           | 68              | °F    |
| Power Electronics Coolant Pump Duty Cycle Command      | 38              | %     |
| Power Electronics Coolant Pump Duty Cycle Feedback     | 33              | %     |
| Electric Coolant Heater Temp Inlet Sensor              | 55              | °F    |
| High Temperature Shut-Off Valve Status                 | On              |       |
| HV Coolant Heater - Measured Coolant Inlet Temp        | 214             | °F    |
| HV Coolant Heater - Measured Coolant Outlet Temp       | 207             | °F    |
| Auxiliary Heater Pump Temperature                      | 86              | °F    |
| ECH Status                                             | Off             |       |
| High Temperature Auxiliary Pump Temperature            | No Post Running |       |
| Auxiliary Heater Pump Actual RPM                       | 75              | %     |
| HV Coolant Heater- Actual Current Consumption          | 0.00            | Amps  |
| HV Coolant Heater- Measured High Voltage               | 336             | Volt  |
| HV Coolant Heater-Actual Power Consumption             | 0               | watts |
| HV Coolant Heater-Desired Power Consumption            | 0               | watts |
| HV Coolant Heater - Response Error                     | No Error        |       |
| HV Coolant Heater-Communication Error                  | False           |       |
| HV Coolant Heater-High Voltage Out of Range            | False           |       |
| HV Coolant Heater-Low Voltage Out of Range             | False           |       |
| HV Coolant Heater - Coolant Temp Out of Range          | False           |       |
| HV Coolant Heater - HV Protection                      | False           |       |
| HV Coolant Heater - Overheat Protection                | False           |       |
| HV Coolant Heater - Coolant Inlet Temp Sensor Defect   | False           |       |
| HV Coolant Heater - Coolant Outlet Temp Sensor Defect  | False           |       |
| HV Coolant Heater - Heater Core Temp Sensor Defect     | False           |       |

|                                                                      |                  |         |
|----------------------------------------------------------------------|------------------|---------|
| HV Coolant Heater - Short or Open Circuit at IGBTs                   | False            |         |
| HV Coolant Heater - Current Consumption at High Voltage Out of Range | False            |         |
| HV Coolant Heater - Memory Error                                     | False            |         |
| HV Coolant Heater - DC/DC Voltage Out of Range                       | False            |         |
| Engine RPM                                                           | 2159             | rpm     |
| Thermal System Enable                                                | On               |         |
| PECP Post Run Request                                                | SNA              |         |
| PECP Post Run Status                                                 | No Post Running  |         |
| PECP2 Post Run Request                                               | SNA              |         |
| PECP2 Post Run Status                                                | Post Run 4       |         |
| ECH Power Consumption Allowed                                        | 0                | rpm     |
| ECH Water Temperature Desired                                        | 32               | °F      |
| ECH Enable                                                           | False            |         |
| ECH Over Heat Unlock                                                 | NO_ACTION        |         |
| ECH Unlock Counter                                                   | 0 times unlocked |         |
| GPS Date - Year                                                      | 58887            | Year    |
| GPS Date - Month                                                     | 3                |         |
| GPS Date - Day                                                       | 29               | Days    |
| UTC Time - Hour                                                      | 21               | Hours   |
| UTC Time - Minutes                                                   | 51               |         |
| UTC Time - Seconds                                                   | 0                | seconds |
| ECU Time - Milliseconds                                              | 375              | ms      |

#### HCP | P1B73-00 | Stored | Electric Coolant Heater Temperature Inlet Sensor Performance-

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | 1B 73 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 | True       |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number         | 0D         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 5605.5     | miles |
| Most Recent Odometer Value              | 5630.9     | miles |
| Frequency Counter                       | 5          |       |
| Ignition Cycle Counter                  | 0          |       |
| Microcontroller reset reason - Core 0   | FFFF0003   |       |
| Microcontroller reset reason - Core 1   | Power Up   |       |
| Real time clock                         | 963317824  | sec   |
| RAM stamps keyOn                        | 585        | sec   |

|                                      |                          |        |
|--------------------------------------|--------------------------|--------|
| RAM Stamps                           | 31940                    | Min    |
| Accelerator Pedal Position           | 0                        | %      |
| Barometric Pressure                  | 14                       | PSI    |
| Engine Coolant Temperature           | 149                      | °F     |
| Engine Speed                         | 1508                     | rpm    |
| Vehicle Speed                        | 17.6897                  | MPH    |
| HV Battery SOC                       | 51                       | %      |
| Brake Switch Status                  | Not Applied              |        |
| Battery Feed Voltage 1 Sense         | 12.816                   | Volts  |
| Battery Feed Voltage 2 Sense         | 12.816                   | Volts  |
| Battery Feed Voltage 3 Sense         | 12.888                   | Volts  |
| Internal EPS Voltage Sense A         | 8.928                    | Volts  |
| Internal EPS Voltage Sense B         | 8.928                    | Volts  |
| Hybrid System State                  | Propulsion System Active |        |
| Actual Torque - Motor A              | 0.000                    | Ft-Lbs |
| Actual Torque - Motor B              | -38.164                  | Ft-Lbs |
| Available Motor Torque - Motor A     | 39.086                   | Ft-Lbs |
| Available Motor Torque - Motor B     | 179.664                  | Ft-Lbs |
| Available Regen Torque - Motor A     | -39.086                  | Ft-Lbs |
| Available Regen Torque - Motor B     | -179.757                 | Ft-Lbs |
| Commanded Torque - Motor A           | 0.000                    | Ft-Lbs |
| Commanded Torque - Motor B           | -38.164                  | 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 | 56                       | AMP    |
| Motor B - Inverter Current - phase B | -80                      | AMP    |
| Motor B - Inverter Current - phase C | 16                       | AMP    |
| Motor A Resolver Angle               | 206                      | Degree |
| Motor B Resolver Angle               | Not Programmed           | Degree |
| Motor A Temp Sensor                  | 81                       | °F     |
| Motor B Temp Sensor                  | 113                      | °F     |
| Outside Air Temperature              | 50.0                     | °F     |
| Ignition State                       | Reserved                 |        |
| HCP ePT Wake-Up Output               | Off                      |        |
| CBC Wake-Up Input                    | Off                      |        |
| EPT LOC Diag Enable                  | Enable LOC Diagnostic    |        |
| Propulsion System Active             | True                     |        |
| HV Contactor Status                  | Closed                   |        |
| HV Battery Voltage from BPCM         | 354.90                   | Volts  |
| Electric Motor A Speed               | 3603.0                   | rpm    |
| Electric Motor B Speed               | 1503.5                   | rpm    |
| PIM DC Link Voltage - A              | 355                      | Volts  |
| PIM DC Link Voltage - B              | 355                      | Volts  |

|                                                                      |             |         |
|----------------------------------------------------------------------|-------------|---------|
| Inverter A IGBT Temperature for phase A                              | 64          | °F      |
| Inverter A IGBT Temperature for phase B                              | 61          | °F      |
| Inverter A IGBT Temperature for phase C                              | 63          | °F      |
| Inverter B IGBT Temperature for phase A                              | 86          | °F      |
| Inverter B IGBT Temperature for phase B                              | 88          | °F      |
| Inverter B IGBT Temperature for phase C                              | 86          | °F      |
| APM Status                                                           | Buck CV     |         |
| Impact Event                                                         | False       |         |
| PRND Position Display                                                | D           |         |
| HCP System Shutdown Command                                          | Default     |         |
| PHEV Charging Status                                                 | No Charging |         |
| Distance Travelled with Light ON                                     | 96          | miles   |
| OBCM Operating Mode                                                  | UTC         |         |
| J1772 Prox Detected State                                            | Prox Out    |         |
| HV Battery Sleep Time                                                | 0           | Days    |
| HV Coolant Heater - Below 60V                                        | False       |         |
| HV Coolant Heater - Measured Coolant Inlet Temp                      | 205         | °F      |
| HV Coolant Heater - Measured Coolant Outlet Temp                     | 167         | °F      |
| HV Coolant Heater - Actual Current Consumption                       | 0.00        | AMP     |
| HV Coolant Heater - Measured High Voltage                            | 357         | Volts   |
| HV Coolant Heater - Actual Calculated Power Consumption              | 0           | W       |
| HV Coolant Heater - Desired Power Consumption                        | 0           | W       |
| HV Coolant Heater - Response Error                                   | No Error    |         |
| HV Coolant Heater - Communication Error (SPI Interface Issue)        | False       |         |
| HV Coolant Heater - High Voltage Out of Range                        | False       |         |
| HV Coolant Heater - Low Voltage Out of Range                         | False       |         |
| HV Coolant Heater - Coolant Temp Out of Range                        | False       |         |
| HV Coolant Heater - HV Protection                                    | False       |         |
| HV Coolant Heater - Overheat Protection                              | False       |         |
| HV Coolant Heater - Coolant Inlet Temp Sensor Defect                 | False       |         |
| HV Coolant Heater - Coolant Outet Temp Sensor Defect                 | False       |         |
| HV Coolant Heater - Heater Core Temp Sensor Defect                   | False       |         |
| HV Coolant Heater - Short or Open Circuit at IGBTs                   | False       |         |
| HV Coolant Heater - Current Consumption at High Voltage Out of Range | False       |         |
| HV Coolant Heater - Memory Error                                     | False       |         |
| HV Coolant Heater - DC/DC Voltage Out of Range                       | False       |         |
| GPS Date - Year                                                      | 58887       | Year    |
| GPS Date - Month                                                     | 3           |         |
| GPS Date - Day                                                       | 30          | Days    |
| UTC Time - Hours                                                     | 1           | Hours   |
| UTC Time - Minutes                                                   | 49          |         |
| UTC Time - Seconds                                                   | 0           | seconds |
| ECU Time - Milliseconds                                              | 550         | ms      |

## ABSO | P2534-00 | Stored | Ignition Switch On/Start Position Circuit Low-

| NAME                                    | VALUE        | UNITS |
|-----------------------------------------|--------------|-------|
| DTC                                     | 25 34 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        |       |
| Controller Event                        | No           |       |
| Mirror Memory                           | No           |       |
| Undervoltage Suspected                  | No           |       |
| Original Odometer Value                 | 5906         | miles |
| Most Recent Odometer Value              | 5906         | miles |
| Frequency Counter                       | 1            |       |
| Ignition Cycle Counter                  | 1            |       |
| Fault Time                              | 1574.00      | S     |
| Current System Mode                     | Ignition Run |       |
| Previous System Mode                    | Ignition Run |       |
| Wheel Speed Left Front                  | 0.000        | MPH   |
| Rotation Direction Left Front           | Invalid      |       |
| Wheel Speed Right Front                 | 0.000        | MPH   |
| Rotation Direction Right Front          | Invalid      |       |
| Wheel Speed Left Rear                   | 0.000        | MPH   |
| Rotation Direction Left Rear            | Invalid      |       |
| Wheel Speed Right Rear                  | 0.000        | MPH   |
| Rotation Direction Right Rear           | Invalid      |       |
| Steering Wheel Angle                    | -3.00        | °     |
| Longitudinal Acceleration               | -0.19        | m/s^2 |
| Yaw Rate                                | 0.00         | °/s   |
| Supplier Internal Code                  | 5644         |       |

## 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        | True     |       |

|                                         |              |       |
|-----------------------------------------|--------------|-------|
| Test Not Completed This Operation Cycle | False        |       |
| Warning Indicator Requested             | True         |       |
| Occurrence flag                         | Error        |       |
| Controller Event                        | No           |       |
| Mirror Memory                           | No           |       |
| Undervoltage Suspected                  | No           |       |
| Original Odometer Value                 | 5906         | miles |
| Most Recent Odometer Value              | 5906         | miles |
| Frequency Counter                       | 1            |       |
| Ignition Cycle Counter                  | 1            |       |
| Fault Time                              | 1572.20      | S     |
| Current System Mode                     | Ignition Run |       |
| Previous System Mode                    | Ignition Run |       |
| Wheel Speed Left Front                  | 0.000        | MPH   |
| Rotation Direction Left Front           | Invalid      |       |
| Wheel Speed Right Front                 | 0.000        | MPH   |
| Rotation Direction Right Front          | Invalid      |       |
| Wheel Speed Left Rear                   | 0.000        | MPH   |
| Rotation Direction Left Rear            | Invalid      |       |
| Wheel Speed Right Rear                  | 0.000        | MPH   |
| Rotation Direction Right Rear           | Invalid      |       |
| Steering Wheel Angle                    | -3.00        | °     |
| Longitudinal Acceleration               | -0.22        | m/s^2 |
| Yaw Rate                                | 0.00         | °/s   |
| Supplier Internal Code                  | 13065        |       |

**ABSO | U0102-00 | Stored | Lost Communication With Transfer Case Control Module / AWD-**

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | C1 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    |       |
| Occurrence flag                         | Error    |       |
| Controller Event                        | No       |       |
| Mirror Memory                           | No       |       |
| Undervoltage Suspected                  | No       |       |
| Original Odometer Value                 | 5906     | miles |
| Most Recent Odometer Value              | 5906     | miles |
| Frequency Counter                       | 2        |       |

|                                |              |       |
|--------------------------------|--------------|-------|
| Ignition Cycle Counter         | 1            |       |
| Fault Time                     | 1574.40      | S     |
| Current System Mode            | Ignition Run |       |
| Previous System Mode           | Ignition Run |       |
| Wheel Speed Left Front         | 0.000        | MPH   |
| Rotation Direction Left Front  | Invalid      |       |
| Wheel Speed Right Front        | 0.000        | MPH   |
| Rotation Direction Right Front | Invalid      |       |
| Wheel Speed Left Rear          | 0.000        | MPH   |
| Rotation Direction Left Rear   | Invalid      |       |
| Wheel Speed Right Rear         | 0.000        | MPH   |
| Rotation Direction Right Rear  | Invalid      |       |
| Steering Wheel Angle           | -3.00        | °     |
| Longitudinal Acceleration      | -0.22        | m/s^2 |
| Yaw Rate                       | 0.00         | °/s   |
| Supplier Internal Code         | 13185        |       |

**ABSO | U115F-00 | Stored | Lost Communication with Driver Presence Detection Module-**

| NAME                                    | VALUE        | UNITS |
|-----------------------------------------|--------------|-------|
| DTC                                     | D1 5F 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        |       |
| Controller Event                        | No           |       |
| Mirror Memory                           | No           |       |
| Undervoltage Suspected                  | No           |       |
| Original Odometer Value                 | 5906         | miles |
| Most Recent Odometer Value              | 5906         | miles |
| Frequency Counter                       | 1            |       |
| Ignition Cycle Counter                  | 1            |       |
| Fault Time                              | 1574.80      | S     |
| Current System Mode                     | Ignition Run |       |
| Previous System Mode                    | Ignition Run |       |
| Wheel Speed Left Front                  | 0.000        | MPH   |
| Rotation Direction Left Front           | Invalid      |       |
| Wheel Speed Right Front                 | 0.000        | MPH   |
| Rotation Direction Right Front          | Invalid      |       |
| Wheel Speed Left Rear                   | 0.000        | MPH   |

|                               |         |       |
|-------------------------------|---------|-------|
| Rotation Direction Left Rear  | Invalid |       |
| Wheel Speed Right Rear        | 0.000   | MPH   |
| Rotation Direction Right Rear | Invalid |       |
| Steering Wheel Angle          | -3.00   | °     |
| Longitudinal Acceleration     | -0.22   | m/s^2 |
| Yaw Rate                      | -0.12   | °/s   |
| Supplier Internal Code        | 13195   |       |

**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            | True         |       |
| Test Not Completed This Operation Cycle | False        |       |
| Warning Indicator Requested             | True         |       |
| Occurrence flag                         | Error        |       |
| Controller Event                        | No           |       |
| Mirror Memory                           | No           |       |
| Undervoltage Suspected                  | No           |       |
| Original Odometer Value                 | 5906         | miles |
| Most Recent Odometer Value              | 5906         | miles |
| Frequency Counter                       | 3            |       |
| Ignition Cycle Counter                  | 2            |       |
| Fault Time                              | 1576.80      | S     |
| Current System Mode                     | Ignition Run |       |
| Previous System Mode                    | Ignition Run |       |
| Wheel Speed Left Front                  | 0.000        | MPH   |
| Rotation Direction Left Front           | Invalid      |       |
| Wheel Speed Right Front                 | 0.000        | MPH   |
| Rotation Direction Right Front          | Invalid      |       |
| Wheel Speed Left Rear                   | 0.000        | MPH   |
| Rotation Direction Left Rear            | Invalid      |       |
| Wheel Speed Right Rear                  | 0.000        | MPH   |
| Rotation Direction Right Rear           | Invalid      |       |
| Steering Wheel Angle                    | -3.00        | °     |
| Longitudinal Acceleration               | -0.22        | m/s^2 |
| Yaw Rate                                | -0.12        | °/s   |
| Supplier Internal Code                  | 13201        |       |

**SNAPSHOT DATA SUMMARY**

No Snapshot Data available for P0810-00

No Snapshot Data available for P1B13-00

No Snapshot Data available for U0102-00

No Snapshot Data available for U1818-00

No Snapshot Data available for P0033

No Snapshot Data available for P0118

No Snapshot Data available for B2101

No Snapshot Data available for P0087

No Snapshot Data available for P0197

No Snapshot Data available for P04CE

No Snapshot Data available for P0300

No Snapshot Data available for P0172

No Snapshot Data available for P0128

No Snapshot Data available for P253F

No Snapshot Data available for U0154-00

No Snapshot Data available for U0401-00

No Snapshot Data available for U0154-00

No Snapshot Data available for B2770-13

No Snapshot Data available for U0422-00

No Snapshot Data available for B154F-00

No Snapshot Data available for B143C-12

No Snapshot Data available for B143B-12

No Snapshot Data available for B143F-12

No Snapshot Data available for U0131-00

No Snapshot Data available for U0102-00

No Snapshot Data available for U0002-00

No Snapshot Data available for P2183-00

No Snapshot Data available for P0C74-00

No Snapshot Data available for P0E80-00

No Snapshot Data available for P1A0A-00

No Snapshot Data available for P1B73-00

No Snapshot Data available for P2534-00

No Snapshot Data available for U0401-00

No Snapshot Data available for U0102-00

No Snapshot Data available for U115F-00

No Snapshot Data available for U0100-00