



CONFIGURATION REPORT

Vehicle

VIN

2021 JEEP WRANGLER(PHEV) 2.0L I4 DOHC DI TURBO PHEV ENGINE

Odometer

Publication Date

5513.6 miles

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ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | PART #     |
|-------|--------------------------------|----------|--------------|------------|
| TCM   | Transmission Control Module    | CAN-C    | 68478031AN   | 68478031AN |
| PCM   | Powertrain Control Module      | CAN-C    | 68477599AM   | 68477599AM |
| ASBS  | Automatic Sway Bar System      | CAN-C    | 68251036AC   | 68251036AC |
| ICS   | Integrated Center Stack        | CAN-I    | 6SX94DX9AE   | 6SX94DX9AE |
| RFH   | Radio Frequency Hub            | CAN-C    | 56029925AA   | 56029925AA |
| ESM   | Electronic Shifter             | CAN-C    | 04670716AC   | 04670716AC |
| DTCM  | Drive Train Control Module     | CAN-C    | 68547689AB   | 68547689AB |
| 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 |
| PTCM  | Power Top Control Module       | CAN-I    | 68371772AB   | 68371772AB |
| AMP   | Amplifier                      | CAN-I    | 68549084AA   | 68549084AA |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68499481AI   | 68499481AI |
| PTS   | Parktronics                    | CAN-C    | 68441031AC   | 68441031AC |
| 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 |
| LBSS  | Left Blind Spot Sensor         | CAN-I    | 68454896AA   | 68454896AA |

|      |                                    |       |            |  |            |
|------|------------------------------------|-------|------------|--|------------|
| RBSS | Right Blind Spot Sensor            | CAN-I | 68454896AA |  | 68454896AA |
| BPCM | Battery Pack Control Module        | CAN-C | 05193168AG |  | 05193168AG |
| HCP  | Hybrid Control Processor           | CAN-C | 68451036AQ |  | 68451036AQ |
| CVPM | Central vision processing module   | CAN-I | 68551941AA |  | 68551941AA |
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 68498791AQ |  | 68498791AQ |
| ABSO | Anti Lock Brakes OBD               | CAN-C | 68395967AM |  | 68395967AM |
| 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  | 7DD57192                         |
| PCM   | USA                 | 1D 47            | 21 21 00         | 4928  | AE2AF362                         |
| ASBS  | USA                 | 10 01 00         | 11 21 00         | 4500  |                                  |
| 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  |                                  |
| PTCM  | USA                 | 11 1A 21         | 12 12 60         | 4101  |                                  |
| AMP   | USA                 | 21 01 01         | 15 0B 00         | 4034  |                                  |
| IPC   | USA                 | 21 18 01         | 15 25 01         | 4805  |                                  |
| PTS   | USA                 | 10 32 01         | 13 24 03         | 4401  |                                  |
| 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  |                                  |
| LBSS  | USA                 | 11 23 01         | 12 25 00         | 4204  |                                  |
| RBSS  | USA                 | 11 23 01         | 12 25 00         | 4204  |                                  |
| BPCM  | Rest of world / ROW | 13 0C 04         | 15 06 43         | 5701  | C3870F1B                         |
| HCP   | USA                 | 14 26 03         | 15 11 01         | 5403  | E61DDD51<br>89D357B5<br>A6B8D890 |
| CVPM  | USA                 | 11 27 01         | 15 09 00         | 4012  |                                  |
| AHCP  | USA                 | 14 26 03         | 14 33 01         | 5600  |                                  |

|      |     |          |          |      |          |
|------|-----|----------|----------|------|----------|
| ABSO | USA | 15 02 00 | 15 02 02 | 4300 | 1C5C3234 |
| SGW  |     | 5        | 955      | 4103 |          |
| DPDM | USA | 11 31 01 | 11 0F 04 | 4510 |          |
| IDCM | USA | 15 0E 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     |       |
| Electronic Parking Brake Equipped       | False     |       |
| Active Exhaust Valve(s) Equipped        | False     |       |
| Wastegate HBridge Equipped              | True      |       |
| Heater Temp Control Valve Equipped      | False     |       |
| Mechanical Coolant Pump Equipped        | False     |       |
| High Side Port Tumble Valve Equipped    | False     |       |
| Aux Coolant Pump Heater Equipped        | False     |       |
| O2 Sensor Bank 2 Sensor 2 Equipped      | False     |       |
| Tumble Generator Valve Equipped         | False     |       |
| High Side Port Tumble Valve Equipped    | Undefined |       |
| Battery Temp Sensor Equipped            | False     |       |
| Next Gen Bus Equipped                   | False     |       |
| Secondary Air Equipped                  | False     |       |

|                                                                    |           |  |
|--------------------------------------------------------------------|-----------|--|
| Mechanical Coolant Pump Heater Equipped                            | False     |  |
| 2 Speed Fan 3 Driver 3 Relay System Equipped                       | False     |  |
| Buffered Crank Output for ANC (Active Noise Cancellation) Equipped | True      |  |
| Transmission Oil Heater Equipped                                   | False     |  |
| Police Package Equipped                                            | False     |  |
| Intake Cam 2 Equipped                                              | False     |  |
| 62TE                                                               | False     |  |
| Buffered Crank Output for PHEV Engine Pulse Calculation Equipped   | True      |  |
| Electronic Coolant Pump Equipped                                   | False     |  |
| GPEC4 Equipped                                                     | True      |  |
| Throttle Inlet Temp Sensor Equipped                                | True      |  |
| 40TE / 41TE / 41TEA                                                | False     |  |
| EMAT (Getrag DCT transmission) Equipped                            | False     |  |
| GPEC2A Equipped                                                    | False     |  |
| Electric Water Pump Equipped                                       | False     |  |
| 3 Speed Fan Mechanical Relay System Equipped                       | False     |  |
| Secondary Fuel Pump Equipped                                       | False     |  |
| Constant Heater Temperature Control Valve Equipped                 | False     |  |
| Intake Cam 1 Equipped                                              | True      |  |
| DUAL_ALTERNATOR_GEN1_LEARNEDCOPY                                   | False     |  |
| Engine Idle Shutoff Equipped                                       | False     |  |
| Vehicle Speed Sensor #1 Calculated by ECU                          | False     |  |
| 4.0 Liter I6 Engine                                                | False     |  |
| 3.7 Liter V6 Engine                                                | False     |  |
| O2 Sensor Bank 1 Sensor 1 Equipped                                 | True      |  |
| Active Engine Mount Equipped                                       | False     |  |
| MultiAir Equipped                                                  | False     |  |
| Exhaust Cam 1 Equipped                                             | True      |  |
| Supercharger Equipped                                              | False     |  |
| Dual Stage Oil Pump Equipped                                       | True      |  |
| Linear PWM Fan Relay System Equipped                               | True      |  |
| Vehicle Speed Sensor #1 Calculated from CAN                        | False     |  |
| 6.1 Liter V8 Engine                                                | False     |  |
| 5.7 Liter V8 Engine                                                | False     |  |
| Fiat VIN Learning Strategy Equipped                                | False     |  |
| Variable Speed Fuel Pump Equipped                                  | True      |  |
| VLP Equipped Indicator                                             | False     |  |
| 3.2 Liter V6 Engine                                                | False     |  |
| Humidity, Temperature and Pressure Sensor (LIN) Equipped           | False     |  |
| 6.2 Liter V8 Engine                                                | False     |  |
| Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped               | False     |  |
| CMCV H-Bridge Equipped                                             | Undefined |  |
| Unleaded Gasoline Fuel                                             | True      |  |
| Direct Injection Equipped                                          | True      |  |

|                                                      |           |  |
|------------------------------------------------------|-----------|--|
| Fixed displacement AC Equipped                       | False     |  |
| Electronic Automatic Transmission (EATX) Equipped    | False     |  |
| ICC Cruise Equipped                                  | False     |  |
| Turbine Volute Valve Actuator Equipped               | Undefined |  |
| ETC Cruise equipped                                  | False     |  |
| 2.0 Liter WI4 engine                                 | False     |  |
| 2 Speed Fan PWM Relay System Equipped                | False     |  |
| GPEC2 Equipped                                       | False     |  |
| Exhaust Cam 2 Equipped                               | False     |  |
| Active Exhaust Valve Equipped                        | False     |  |
| 2 Speed Fan Mechanical Relay System Equipped         | False     |  |
| Wastegate H-Bridge Equipped                          | 01        |  |
| Coolant On-Off Valve Equipped                        | False     |  |
| Clutch Interlock Switch Equipped                     | False     |  |
| MTV Solenoid Equipped                                | False     |  |
| Cooled EGR Equipped                                  | True      |  |
| CUSW (11-Bit) Equipped                               | False     |  |
| Fiat 940 Compact Equipped                            | False     |  |
| CUSW PROXI Write Programming Support Enabled         | True      |  |
| Electric Coolant Valve Equipped                      | False     |  |
| ESIM Equipped                                        | False     |  |
| Auxiliary Coolant Pump Equipped                      | True      |  |
| Port Flap Valve Equipped                             | False     |  |
| Power Steering Switch Equipped                       | False     |  |
| Active Grille Shutter Equipped                       | False     |  |
| Starter Relay 2 Equipped                             | False     |  |
| 3.6 Liter V6 Engine                                  | False     |  |
| Engine Software In Package                           | True      |  |
| WI4 Intake Flow Control Valve Equipped               | False     |  |
| AC Equipped Over Bus                                 | False     |  |
| AC Equipped                                          | False     |  |
| TIP Equipped                                         | True      |  |
| WI4 Variable Valve Timing Equipped                   | True      |  |
| Compressed Natural Gas Equipped                      | False     |  |
| 3.5 Liter V6 Engine                                  | False     |  |
| Trans Reverse Lockout Equipped                       | False     |  |
| Viscosity Sensor Equipped                            | False     |  |
| Electric Thermostat Heater Equipped                  | False     |  |
| Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped | False     |  |
| Coolant On-Off Pump Equipped                         | True      |  |
| O2 Sensor Bank 2 Sensor 1 Equipped                   | False     |  |
| 4 Speed Automatic Transmission Equipped              | False     |  |
| Linear EGR Equipped                                  | False     |  |
| Barometric Sensor Equipped                           | True      |  |

|                                               |                              |  |
|-----------------------------------------------|------------------------------|--|
| 4 Button Integrated Cruise Control            | False                        |  |
| Transmission Software Included                | False                        |  |
| Adaptive Cruise Control Hardware Equipped     | False                        |  |
| Active Exhaust Pressure Sensor Equipped       | False                        |  |
| Trans Skip Shift Equipped                     | False                        |  |
| Auxiliary Heater Electric Water Pump Equipped | False                        |  |
| Brushless PWM Fan Equipped                    | FAN_PWM_BOSCH_BRUSHLESS_CNFG |  |
| 1.0 Liter I3 Engine                           | False                        |  |
| A/C Equipped                                  | False                        |  |
| Electronic Vacuum Pump Equipped               | False                        |  |
| Adaptive Cruise Control Equipped              | False                        |  |
| VLP Is Learnable Indicator                    | False                        |  |
| Primary Lin Alternator Equipped               | False                        |  |
| 1.8 Liter W14 engine                          | False                        |  |
| Aisin 6-Speed RWD Transmission Equipped       | False                        |  |
| Auxiliary Coolant Pump Heater Equipped        | Undefined                    |  |
| Turbocharger Equipped                         | True                         |  |
| Variable Displacement AC Equipped             | False                        |  |
| Operator Idle Speed Request Equipped          | False                        |  |
| Wide Range O2 Sensor 2/1 Equipped             | False                        |  |
| Inrush Current Reduction Relay Equipped       | False                        |  |
| Electronic Throttle Control Equipped          | True                         |  |
| Hybrid Electric Vehicle Equipped              | True                         |  |
| PWM Fan Motor System Equipped                 | False                        |  |
| TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED             | True                         |  |
| 42RLE                                         | False                        |  |
| Dual Fuel Tank Equipped                       | False                        |  |
| MDS Equipped                                  | False                        |  |
| CUSW (29-Bit) Equipped                        | False                        |  |
| Powernet Equipped                             | False                        |  |
| Shift Indicator Lamp Equipped                 | False                        |  |
| Sensorless FFV Enabled                        | False                        |  |
| Cummins Equipped                              | False                        |  |
| Knock Sensor 1 Equipped                       | True                         |  |
| Rear Heater Equipped                          | False                        |  |
| Knock Sensor 2 Equipped                       | True                         |  |
| Fan Wake Up Relay System Equipped             | False                        |  |
| O2 Sensor Bank 1 Sensor 3 Equipped            | False                        |  |
| VFS Actuators Available Indicator             | False                        |  |
| 6.4 Liter V8 Engine                           | False                        |  |
| Yaw Rate Sensor ESC Equipped                  | True                         |  |
| Linear Purge Equipped                         | False                        |  |
| SRV Equipped                                  | False                        |  |
| PTO System Equipped                           | False                        |  |

|                                                      |         |  |
|------------------------------------------------------|---------|--|
| 2.4 Liter W14 engine                                 | False   |  |
| Dual Fuel Pressure Sensor Equipped                   | True    |  |
| 1 Speed Fan Mechanical Relay System Equipped         | False   |  |
| Low Temperature Radiator Coolant Pump Equipped       | False   |  |
| O2 Sensor Bank 1 Sensor 2 Equipped                   | True    |  |
| Wide Range O2 Sensor 1/1 Equipped                    | True    |  |
| ZF 9-Speed Transmission Equipped                     | False   |  |
| Brake Pedal Sensor Equipped                          | True    |  |
| Dual Speed Fuel Pump Equipped                        | False   |  |
| ERS Equipped Indicator                               | False   |  |
| Continuous Variable Transmission Equipped            | False   |  |
| 66RFE / 68RFE                                        | False   |  |
| 3.0 Liter V6 Engine                                  | False   |  |
| Oil Pressure Sensor Enabled                          | True    |  |
| 3.3 Liter V6 Engine                                  | False   |  |
| 4.7 Liter V8 Engine                                  | False   |  |
| 2.7 Liter V6 Engine                                  | False   |  |
| HPT 6-Speed Transmission Equipped                    | False   |  |
| Unleaded diesel fuel                                 | False   |  |
| Engine Stop Start Equipped                           | False   |  |
| Duty Cycle Purge Valve Equipped                      | True    |  |
| GPEC3 Equipped                                       | False   |  |
| 45RFE / 545RFE / 65RFE                               | False   |  |
| Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped | False   |  |
| 3.8 Liter V6 Engine                                  | False   |  |
| Engine Oil Heater Cooler Equipped                    | True    |  |
| VMM Equipped                                         | False   |  |
| Remote Start Present                                 | Present |  |
| INTAKE O2 SENSOR EQUIPPED                            | False   |  |
| SWAP HARDWIRED BRAKE SWITCH INPUTS                   | True    |  |
| Bi-Directional Crank Sensor Equipped                 | True    |  |
| Mass Airflow System Equipped                         | False   |  |
| Throttle Inlet Temp Sensor Equipped                  | True    |  |
| Operator Idle Speed Request Equipped                 | False   |  |
| Make Up Air Sensor Equipped                          | True    |  |
| CUSW 4-Button Cruise Equipped                        | False   |  |
| Brake Pedal Sensor Equipped                          | True    |  |
| Clutch Sensor Equipped                               | False   |  |
| 5 Button Cruise (LIN) Equipped                       | True    |  |
| Cylinder Pressure Sensor Equipped                    | False   |  |
| Power Steering Angle Sensor Mandatory                | False   |  |
| LIN Humidity, Temp, and Pressure Sensor Equipped     | False   |  |
| Dual Fuel Pressure Sensor Equipped                   | True    |  |
| Cooled EGR Equipped                                  | True    |  |

|                                                |              |      |
|------------------------------------------------|--------------|------|
| A/C Relay Powered from Engine Switched Battery | False        |      |
| Hybrid MEC Shifter Equipped                    | False        |      |
| Supercharger Equipped                          | False        |      |
| HPT 6-Speed Trans Equipped                     | False        |      |
| Auxillary Coolant Pump Equipped                | True         |      |
| Engine Idle Shutoff Equipped                   | False        |      |
| PTO System Equipped                            | False        |      |
| Low Temp Radiator Coolant Pump Equipped        | False        |      |
| Dual Fuel Tank Equipped                        | False        |      |
| Dual Alternator Gen1 Capable                   | False        |      |
| ZF 9-Speed Trans Equipped                      | False        |      |
| CNG Large Gas Tank Equipped                    | False        |      |
| 2.0 Liter I4 Direct Injection Engine           | True         |      |
| Coolant On-Off Pump Equipped                   | Equipped     |      |
| Primary Lin Alternator Equipped                | Not Equipped |      |
| 1.0 Liter I3 Engine                            | False        |      |
| Variable Valve Lift Equipped                   | Not Equipped |      |
| Engine Oil Pressure Sensor Type                | 255          | None |

## 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   | True            |       |
| FAD Present           | True            |       |
| Mode Switch Present   | True            |       |
| Full-Time T-Case      | True            |       |
| Front Locker Present  | True            |       |
| SRT Present           | —               |       |
| T-Case Type           | MPT 3025C       |       |
| Left/Right Hand Drive | Left Hand Drive |       |
| Axle Ratio            | 4.100           |       |

**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 - Door Mute |       |
| 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 - 3/4 Datum Calibration  | 0.000 | Volts |
| Main Fuel Tank Gauge -1/4th Datum Calibration | 0.000 | Volts |
| Main Fuel Tank Gauge - 1/2 Datum Calibration  | 0.000 | Volts |
| Main Fuel Tank Gauge - Empty Stop Calibration | 0.000 | Volts |
| Main Fuel Tank Gauge - Full Stop Calibration  | 0.000 | Volts |
| Sub Fuel Tank Gauge - 1/2 Datum Calibration   | 0.000 | Volts |
| Sub Fuel Tank Gauge - 1/4 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 - Empty Stop Calibration  | 0.000 | Volts |
| PHEV                                          | False |       |
| Rear Fog Lamp                                 | False |       |
| JT Vehicle                                    | False |       |
| Low Line Cluster                              | False |       |

## PTS CONFIGURATION

| NAME                             | VALUE | UNITS |
|----------------------------------|-------|-------|
| Rear System with 6 Front Sensors | False |       |
| Front System with 6 Rear Sensors | False |       |

## SCCM CONFIGURATION

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

## BCM CONFIGURATION

| NAME                                          | VALUE            | UNITS |
|-----------------------------------------------|------------------|-------|
| Number of Reprogramming Attempts - Counter #0 | 0                |       |
| Last Programmed Status                        | Automatic Backup |       |
| Vehicle Configuration Programmed Status       | True             |       |
| ECU Configuration 6 (Brake)                   | 3                |       |
| Vehicle Configuration 4 - Write Counter       | 3                |       |
| Vehicle Configuration 3 - Write Counter       | 5                |       |

|                                                               |                  |       |
|---------------------------------------------------------------|------------------|-------|
| ECU Configuration 3                                           | 3                |       |
| Vehicle Configuration 6 - Write Counter                       | 3                |       |
| ECU Configuration 5 (Wireless)                                | 3                |       |
| Programmed Network Configuration - Audio / Telematics Network | 3                |       |
| ECU Configuration 7 (CBC Exterior Lighting Calibrations)      | 3                |       |
| ECU Configuration 10                                          | 3                |       |
| ECU Configuration 4                                           | 3                |       |
| ECU Configuration 2 (CBC Features)                            | 3                |       |
| ECU Configuration 14                                          | 2                |       |
| ECU Configuration 15 (CBC Features)                           | 2                |       |
| Last Configuration Odometer                                   | 0                | miles |
| ECU Configuration 5 (Memory)                                  | 3                |       |
| ECU Configuration 9 (ITM)                                     | 3                |       |
| ECU Configuration 5 (Doors)                                   | 3                |       |
| Vehicle Configuration Auto Write Counter                      | 2                |       |
| ECU Configuration 12                                          | 3                |       |
| Vehicle Configuration 2 - Write Counter                       | 3                |       |
| Programmed ECUs: P/T Chassis Network                          | 3                |       |
| ECU Configuration 15 (Suspension)                             | 3                |       |
| ECU Configuration 6 (Safety)                                  | 3                |       |
| ECU Configuration 9A                                          | 3                |       |
| Vehicle Config CSM1                                           | 3                |       |
| ECU Configuration 11                                          | 3                |       |
| Programmed ECUs: Cabin Network                                | 3                |       |
| Vehicle Configuration 1 - Write Counter                       | 3                |       |
| ECU Configuration 1 (CBC Configurable Inputs and Outputs)     | 3                |       |
| Programmed ECUs: Hybrid LAN Network                           | 3                |       |
| ECU Configuration 8 (LIN and Miscellaneous )                  | 3                |       |
| ECU Configuration 6 (Powertrain)                              | 3                |       |
| Vehicle Configuration 7 - Write Counter                       | 3                |       |
| Vehicle Configuration 5 - Write Counter                       | 3                |       |
| ECU Configuration 6 (Suspension)                              | 3                |       |
| ECU Configuration 13                                          | 3                |       |
| Vehicle Config CSM2                                           | 3                |       |
| Remote Start Present                                          | Set              |       |
| Auto Highbeam                                                 | Not Set          |       |
| PTS Configuration                                             | Rear / REAR      |       |
| Vehicle Line                                                  | JL               |       |
| Maximum Vehicle Speed                                         | 94               | MPH   |
| Select Speed Control Feature Present                          | Set              |       |
| Emode Present                                                 | Not Set          |       |
| Body Style                                                    | 4-Door Hatchback |       |
| Country Code                                                  | USA              |       |
| Model Year                                                    | 2021             |       |

|                                         |                                                |     |
|-----------------------------------------|------------------------------------------------|-----|
| Drive Configuration                     | Selectable 4wd                                 |     |
| Hill Descent Feature Present            | Not Set                                        |     |
| Left/Right Hand Drive                   | Left Hand Drive                                |     |
| Special Packages                        | Default                                        |     |
| Shifter Type                            | 5 Pos Polystable Eshifter / Type PS5           |     |
| Performance Pages Present               | Not Present                                    |     |
| Flipper Glass Present                   | Not Set                                        |     |
| Special Packages                        | Wrangler Rubicon / Wrangler Rubicon            |     |
| Off Road Capable                        | Not Set                                        |     |
| Thatcham Present                        | Not Set                                        |     |
| Max Load Inflation Pressure Front Tire  | 37.0                                           | PSI |
| Power Inverter Type                     | No Power Inverter                              |     |
| Full Size Spare                         | Set                                            |     |
| Rain Sensor Present                     | Not Set                                        |     |
| Max Load Inflation Pressure Rear Tire   | 37.0                                           | PSI |
| Light Load Inflation Pressure Rear Tire | 0.0                                            | PSI |
| Air Conditioning Present                | Set                                            |     |
| SKIM System Present                     | Not Set                                        |     |
| Cruise Feature is Present               | Set                                            |     |
| Power Lift Gate Present                 | Not Set                                        |     |
| T-Case Type                             | Transfer Case 246 / Transfer Case 246          |     |
| Vehicle is an SRT                       | Not Set                                        |     |
| HVAC Configuration                      | Dual Zone ATC                                  |     |
| Liftgate/Trunk Type                     | Manual Liftgate                                |     |
| Window Express Feature Configuration    | Drivers window express only                    |     |
| Keyless Go Present                      | Set                                            |     |
| High Intensity Discharge Head Lamps     | Not Set                                        |     |
| Door Alert Feature Present              | Not Set                                        |     |
| Interior EC Mirror Present              | Set                                            |     |
| ELV Present                             | Not Set                                        |     |
| Power Left Sliding Door Present         | Not Set                                        |     |
| Sunshade Present                        | Not Set                                        |     |
| Premium TPM system present              | Set                                            |     |
| Base TPM system present                 | Not Set                                        |     |
| Auto Headlamp Feature Present           | Set                                            |     |
| Disable Display of Radio Clock          | Not Set                                        |     |
| Two Fuel Sending Units Present          | Not Set                                        |     |
| Wheel Base                              | Long wheel base (140" & 149" Ram Truck) / LONG |     |
| Collision Mitigation System present     | Not Set                                        |     |
| Passive Entry Present                   | Set                                            |     |
| Sport Mode Present                      | Not Set                                        |     |
| ESCL system present                     | Not Set                                        |     |
| Secondary Lock Present                  | Not Set                                        |     |
| Auto Park Present                       | Set                                            |     |

|                                                               |                               |         |
|---------------------------------------------------------------|-------------------------------|---------|
| Adjustable Pedal Feature Present (non-Memory)                 | Not Set                       |         |
| Paddle Shift Feature Present                                  | Not Set                       |         |
| Fuel Capacity                                                 | 17                            | gallons |
| RKE System Present                                            | Set                           |         |
| FOBIK Safe Enable                                             | Set                           |         |
| Power Right Sliding Door Present                              | Not Set                       |         |
| Forward Collision Warning present                             | Not Set                       |         |
| Police Lighting Feature                                       | Not Set                       |         |
| Display Compass Heading Present                               | Set                           |         |
| Chassis Type                                                  | Type 83                       |         |
| Vehicle Brand                                                 | Jeep                          |         |
| Display Outside Temperature Present                           | Set                           |         |
| Dynamic Tire Circumference (All or Rear)                      | 98                            | inch    |
| Transfer Case High Ratio                                      | 1.000                         | No Unit |
| Transfer Case Low Range Reduction Ratio                       | 4.000                         |         |
| Axle Ratio                                                    | 4.100                         |         |
| Dual Rear Wheel (DRW) Vehicle Present                         | Not Set                       |         |
| Steering Ratio at Positive Angle 2                            | 0.0                           | No Unit |
| Steering Ratio at Positive Angle 4                            | 0.0                           | No Unit |
| Steering Ratio at zero                                        | 0.0                           | No Unit |
| Steering Ratio at Positive Angle 1                            | 0.0                           | 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                       |         |
| Air Quality System Present                                    | Not Set                       |         |
| Analog Door Sensor Configuration                              | All Doors have Analog Sensors |         |
| Steering Ratio at Negative Angle 1                            | 0.0                           | No Unit |
| Steering Ratio at Negative Angle 4                            | 0.0                           | No Unit |
| Steering Ratio at Negative Angle 5                            | 0.0                           | No Unit |
| Steering Ratio at Negative Angle 3                            | 0.0                           | No Unit |
| Steering Ratio at Negative Angle 2                            | 0.0                           | No Unit |
| Rear Turn Lamps Output Present - Pin E3 & F42                 | Not Set                       |         |
| Hood Ajar Switch Input Present - Pin A11                      | Set                           |         |
| Ambient Temperature Sensor Present - Pin D22                  | Set                           |         |
| VTA Warning LED Output Present - Pin G22                      | Set                           |         |
| Right Dedicated DRL Lamp Output Present - Pin A22             | Set                           |         |
| Diesel Cabin Heater #3 Output Present - Pin D10               | Not Set                       |         |
| Reserved - Pin E21                                            | Not Set                       |         |
| Reserved - Pin E15                                            | Not Set                       |         |
| Diesel Cabin Heater #1 Output Present - Pin D11               | Not Set                       |         |
| Inverter Enable Relay Output Present - Pin F35                | Set                           |         |
| Rear Fog Lamps Output Present - Pin E39 & F5                  | Not Set                       |         |
| Side Markers Output Present - Pin A10 & D5                    | Set                           |         |
| Trailer Backup Lamps Output Present - Pin E23                 | Not Set                       |         |

|                                                      |                 |  |
|------------------------------------------------------|-----------------|--|
| Reserved - Pin F4                                    | Not Set         |  |
| Reserved - Pin G12                                   | Not Set         |  |
| Park Brake Input Present - Pin E11                   | Set             |  |
| Ambient Light Dimmer Wheel Input Present Pin G9      | Set             |  |
| Reserved - Pin E47                                   | Not Set         |  |
| Left Rear Door Ajar Input Present - Pin F23          | Set             |  |
| Front Driver Analog Door Ajar Input Present - Pin F9 | Set             |  |
| Run-ACC Y Relay #2 Output Present - Pin E9           | Set             |  |
| Foot Well Lamps Output Present - Pin G24             | Set             |  |
| UGDO Feed Output Present - Pin G15                   | Set             |  |
| Diesel Cabin Heater #2 Output Present - Pin D9       | Not Set         |  |
| Reserved - Pin D20                                   | Not Set         |  |
| Reserved - Pin E35                                   | Not Set         |  |
| Starter Relay Lowside Coil Drive - Pin D7            | Not Set         |  |
| Passenger Door Ajar Signal Present - Pin G18         | Set             |  |
| Low Beam Output Present - Pin A3, D2                 | Set             |  |
| Left Dedicated DRL Lamps Output Present - Pin D15    | Set             |  |
| Reserved - E20                                       | Not Set         |  |
| Gated Park ZFII Output Present - Pin D-24            | Set             |  |
| Hard Top Sense Present - Pin E14                     | Set             |  |
| Rear Wiper Motor Park Present - Pin E29              | Set             |  |
| Reserved - F21                                       | Not Set         |  |
| Flipper Glass #2 Output Present                      | Not Set         |  |
| Front Fog Lamps Output Present - Pin A1 & D13        | Set             |  |
| Rear Park Lamps Output Present - Pin E4 & F32        | Set             |  |
| Horn Switch Input Present - Pin F29                  | Set             |  |
| Headlamp Washer Low Fluid Shut-Off Enable            | Not Set         |  |
| DRL Lamp Location                                    | Dedicated       |  |
| LED License Lamps Present                            | Set             |  |
| Front Wiper Wipes After Wash                         | 2 Wipes         |  |
| Front Fog Lamp Dropout Enable                        | Set             |  |
| Tip Start Enabled                                    | Set             |  |
| Headlamp Wash Shot                                   | Single          |  |
| Side Repeaters Enable                                | Not Set         |  |
| Quad Headlamps Enable                                | Set             |  |
| LED Front Fog Lamps Present                          | Set             |  |
| Combined Rear Lighting Enable                        | Set             |  |
| Door Lock Switch Signal FT LT Usage (F9)             | Reserved        |  |
| Hazard Lamp Configuration                            | Latching Switch |  |
| LED Rear Turn Lamps Present                          | Set             |  |
| Headlamp Wash Interval                               | wash cycle#11   |  |
| LED Front Park/Marker Lamps Present                  | Set             |  |
| Military Vehicle Present                             | Not Set         |  |
| LED High Beam Lamps Present                          | Set             |  |

|                                                   |                                        |  |
|---------------------------------------------------|----------------------------------------|--|
| Front Wiper Park Enable                           | Set                                    |  |
| Tunnel Detection                                  | Not Set                                |  |
| LED Dedicated DRL Present                         | Set                                    |  |
| One Touch Lane Change                             | Set                                    |  |
| LED Stop Lamps Present                            | Set                                    |  |
| Horn Chirp Allowed                                | Set                                    |  |
| Single Element Tail Lamp                          | Not Set                                |  |
| LED Front Turn Lamps Present                      | Set                                    |  |
| Door Lock Switch Signal FT RT Usage (F23)         | Reserved                               |  |
| Trailer Tow Present                               | Not Set                                |  |
| Exterior Light Loadshed Enable                    | Set                                    |  |
| Park Lamp Loadshed Enable                         | Set                                    |  |
| DRL Configuration                                 | Optional DRL                           |  |
| LED Low Beam Lamps Present                        | Set                                    |  |
| LED Rear Fog Lamps Present                        | Set                                    |  |
| Rear Wiper Park Enable                            | Set                                    |  |
| Intermittent Wiper States                         | 4 Intermittent Wiper position Switch   |  |
| LED CHMSL Lamp Present                            | Set                                    |  |
| Wiper Service Position Enabled                    | Not Set                                |  |
| LED Reverse Lamps Present                         | Set                                    |  |
| LED Tail Lamps Present                            | Set                                    |  |
| Dual Start Relay System Present                   | Not Set                                |  |
| DRL Dropout Enable                                | Set                                    |  |
| Reversible Washer Pump Enable                     | Set                                    |  |
| Bi Xenon Headlamps Enable                         | Not Set                                |  |
| CTP Max AC Present                                | Not Set                                |  |
| DTV Front Camera Present                          | Not Set                                |  |
| Microphone Type                                   | Peiker 300 mv                          |  |
| DAB Present                                       | Not Set                                |  |
| VIN Check Digit Diable                            | Not Set                                |  |
| Hill Descent Control Present                      | Not Set                                |  |
| Disable CD Eject                                  | Not Set                                |  |
| Audio Steering Wheel Switch Configuration         | Core Steering Wheel                    |  |
| Vehicle Theft Alarm Present                       | Not Set                                |  |
| Front Park Assist Present                         | Not Set                                |  |
| External Port Type                                | AUX + USB + extra USB                  |  |
| Destination                                       | United States of America               |  |
| Cabin Equilization Curve Number                   | JL 4 Door Premium Top On (Alpine 12ch) |  |
| Radio Display On/Off Softkey Present              | Not Set                                |  |
| Front Heated Seats Present                        | Set                                    |  |
| Hill Start Assist Customer Setting Option Present | Set                                    |  |
| DTV Side Camera Present                           | Not Set                                |  |
| Radio Apps Present                                | Not Set                                |  |
| Surround Sound Feature Present                    | Not Set                                |  |

|                                    |                                          |  |
|------------------------------------|------------------------------------------|--|
| Rear Camera Present                | Not Set                                  |  |
| Tow Haul Present                   | Not Set                                  |  |
| Antenna Type                       | Passive Primary and no secondary antenna |  |
| Hybrid Electric Powertrain Present | Not Set                                  |  |
| Power Door Locks Present           | Set                                      |  |
| Microphone Tuning Parameter        | Absent                                   |  |
| CTP Auto Lock Disable              | Not Set                                  |  |
| CTP Easy Entry Enable              | Not Set                                  |  |
| Power Inverter Present             | Set                                      |  |
| SDAR Travel Link Present           | Set                                      |  |
| CTP Passive Entry Present          | Set                                      |  |
| Microphone Configuration           | 2 Microphones                            |  |
| Front Ventilated Seats Present     | Not Set                                  |  |
| Splashscreen Type                  | Vehicle Brand                            |  |
| Heated Steering Wheel Present      | Set                                      |  |
| Gear Shift Indicator               | Not Set                                  |  |
| Rear Wheel Dually                  | not available                            |  |
| ERS Available                      | not available                            |  |
| AMB Dimmer                         | not available                            |  |
| Service Interval                   | 20000 km and 730 days                    |  |
| Temperature Celsius for UK         | Not Set                                  |  |
| Speedometer Range Max Scale        | not available                            |  |
| Split Shaft Present                | not available                            |  |
| Max Gear                           | Eighth gear                              |  |
| PTO Present                        | not available                            |  |
| IC Config Feature                  | not available                            |  |
| Virtual Speedometer Units          | not available                            |  |
| Heated Seat Present                | not available                            |  |
| Manual Headlamp Leveling           | not available                            |  |
| Type of Gallons                    | U.K. Gallons                             |  |
| Tip Start Present                  | Set                                      |  |
| AP1 Left Front                     | Smart Switch                             |  |
| AP2 Right Front                    | Smart Switch                             |  |
| AP5 Trunk Lock                     | Smart Switch                             |  |
| Airport Scenario Trunk Set         | Not Set                                  |  |
| AP3 Left Rear                      | Not Present                              |  |
| AP4 Right Rear                     | Not Present                              |  |
| Puddle Lamp Present                | Not Set                                  |  |
| Mirror turn signals present        | Not Set                                  |  |
| Window Hall Sensors Present        | Not Set                                  |  |
| Passenger Window Lockout           | Set                                      |  |
| Driver Memory Mirrors Present      | Not Set                                  |  |
| Auto Power Folding Mirrors Present | Not Set                                  |  |
| Tow Mirror Present                 | Not Set                                  |  |

|                                            |                                                 |       |
|--------------------------------------------|-------------------------------------------------|-------|
| Rear Door Pre Short Drop                   | Not Set                                         |       |
| Blindspot Mirror Present                   | Not Set                                         |       |
| Electro-chromatic passenger mirror present | Not Set                                         |       |
| Global Down                                | Not Set                                         |       |
| Folding mirrors present                    | Not Set                                         |       |
| Frameless Window Present                   | Not Set                                         |       |
| Window Motor Type                          | Not Set                                         |       |
| Passenger Memory Mirror Present            | Not Set                                         |       |
| Heated Mirrors Present                     | Set                                             |       |
| Sun Shade                                  | Not Set                                         |       |
| Electro-chromatic driver mirror present    | Not Set                                         |       |
| Global Up                                  | Not Set                                         |       |
| Front Vented Seats Present                 | Not Present                                     |       |
| Rear Heated Seats Present                  | Not Present                                     |       |
| Memory Adjustable Pedals Present           | Not Set                                         |       |
| Front Heated Seat Present                  | Present                                         |       |
| Memory Seat Present                        | Not Set                                         |       |
| Rear Vented Seats Present                  | Not Present                                     |       |
| Heated Wheel Material Type                 | Wood/Leather                                    |       |
| Tilt/Telescope Steering Present            | Not Set                                         |       |
| Heated Seat Material Type                  | Default                                         |       |
| Heated Steering Wheel Present              | Present                                         |       |
| Brake System ECU Configuration B           | Undefined                                       |       |
| Wheel 18 inch overall ESC Maserati         | Not Set                                         |       |
| Brake System ECU Configuration A           | value 0                                         |       |
| ECO Mode Configuration                     | Remember Previous State with Ignition Key Cycle |       |
| Dual Alternator Present                    | Not Set                                         |       |
| CHMSL Lamp Output Disable                  | Not Set                                         |       |
| Manual Door Locks Present                  | Not Set                                         |       |
| Swing Gate Lock Present - Pin F30          | Set                                             |       |
| Secondary Door Ajar Present - Pin E28      | Set                                             |       |
| Auto High Beam Module Location             | None                                            |       |
| Swing Gate Unlock Present - Pin F33        | Set                                             |       |
| Rain Sensor Module #2 Present              | Not Set                                         |       |
| Rear Fog Voltage                           | 12.0                                            | Volts |
| Front Fog Voltage                          | 13.6                                            | Volts |
| Excess Longitudinal Acceleration Factor    | 1.5                                             |       |
| Steering Smoothing Duration                | 3 periods                                       |       |
| Average Last Lateral Acceleration Values   | Average 1                                       |       |
| Maximum Lateral Change                     | 2.6 degrees                                     |       |
| Brake Smoothing Duration                   | 10 periods                                      |       |
| Acceleration Threshold                     | 1.5 m/s2                                        |       |
| Acceleration Factor                        | Filter Off                                      |       |
| Brake Smoothing Threshold                  | 375 Nm                                          |       |

|                                                   |                                             |      |
|---------------------------------------------------|---------------------------------------------|------|
| Nose Dive Threshold                               | 480 degrees                                 |      |
| Steering Smoothing Factor                         | Filter Off                                  |      |
| Nose Dive Factor                                  | Filter Off                                  |      |
| Steering Smoothing Threshold                      | 150 Degrees                                 |      |
| Excess Lateral Acceleration Factor                | 1.5                                         |      |
| Maximum Longitudinal Change                       | 2.0 degrees                                 |      |
| Brake Smoothing Factor                            | Filter Off                                  |      |
| Average Last Longitudinal Acceleration Values     | Average 1                                   |      |
| RKE Auto-Relock Feature Enable                    | Not Set                                     |      |
| ASBM Minimum Voltage Time                         | 10 Seconds                                  |      |
| Interior Lighting Night Threshold                 | 4.45147                                     | Volt |
| PE Auto-Relock Feature Enable                     | Set                                         |      |
| ASBM Battery Minimum Voltage                      | 11.8 Volts                                  |      |
| Horn Chirp Duration                               | Short                                       |      |
| Parking Light Enable                              | Not Set                                     |      |
| Pitch and Roll Present                            | Set                                         |      |
| Interior Lighting Day Threshold                   | 4.27498                                     | Volt |
| VTA Hood Ajar Monitoring                          | Not Set                                     |      |
| Suspension Type                                   | Reserved                                    |      |
| AGS Feature Present                               | Not Set                                     |      |
| Axle Locker Configuration                         | Front and Rear Axle Locker / FTRR           |      |
| PTC Present                                       | Not Set                                     |      |
| Park Brake Type                                   | Mechanical park brake - hand or foot / MECH |      |
| Hybrid Type                                       | PHEV                                        |      |
| Transmission Equipped                             | Automatic transmission / AUTOMATIC          |      |
| Glovebox Control                                  | Not Set                                     |      |
| Brake Type                                        | Reserved                                    |      |
| TPMS Configuration                                | Logic 1 NHTSA Enable Warning                |      |
| Temperature Display Resolution                    | Set                                         |      |
| TSBM Module Present                               | Not Set                                     |      |
| ADR feature Present                               | Not Set                                     |      |
| Glare Free Present                                | Not Set                                     |      |
| Easy exit seat customer settings menu             | Not Set                                     |      |
| Blind spot alert customer settings menu           | Set                                         |      |
| Auto door lock customer settings menu             | Set                                         |      |
| Rear view camera gridlines customer settings menu | Feature not present / Absent                |      |
| Compass variance customer settings menu           | Not Set                                     |      |
| Power unit customer settings menu                 | Not Set                                     |      |
| Rain sensitive wipers customer settings menu      | Not Set                                     |      |
| Illuminated approach customer settings menu       | Set                                         |      |
| Pressure unit customer settings menu              | Set                                         |      |
| Headlamp drop customer settings menu              | Not Set                                     |      |
| Auto on driver comfort customer settings menu     | Feature 2 - 3 Option / Feature 2 - 3 Option |      |
| Auto high beam customer settings menu             | Not Set                                     |      |

|                                                            |                              |  |
|------------------------------------------------------------|------------------------------|--|
| Power liftgate chime customer settings menu                | Not Set                      |  |
| Unit set customer settings menu                            | Set                          |  |
| Electric power steering customer settings menu             | Not Set                      |  |
| Auto park customer settings menu                           | Not Set                      |  |
| Headlamp off delay customer settings menu                  | Set                          |  |
| Tire jack mode customer settings menu                      | Not Set                      |  |
| Power accessory delay customer settings menu               | Set                          |  |
| Auxiliary switches customer settings menu                  | Feature not present / Absent |  |
| Air suspension warning customer settings menu              | Not Set                      |  |
| Clock display customer settings menu                       | Set                          |  |
| Passive entry customer settings menu                       | Set                          |  |
| Performance shift enable customer settings menu            | Not Set                      |  |
| Distance unit customer settings menu                       | Set                          |  |
| Power take off customer settings menu                      | Not Set                      |  |
| Headlamps on with wiper customer settings menu             | Set                          |  |
| Consumption unit customer settings menu                    | Set                          |  |
| Lane departure warning customer settings menu              | Not Set                      |  |
| Park assist rear volume customer settings menu             | Set                          |  |
| Rear camera customer settings menu                         | Not Set                      |  |
| Forward collision warning customer settings menu           | Feature not present / Absent |  |
| Park assist brake customer settings menu                   | Not Set                      |  |
| Auto entry exit mode customer settings menu                | Not Set                      |  |
| Lane departure torque customer settings menu               | Not Set                      |  |
| Ambient dimmer customer settings menu                      | Not Set                      |  |
| Compass calibration customer settings menu                 | Not Set                      |  |
| Automatic aero mode customer settings menu                 | Not Set                      |  |
| Park assist front volume customer settings menu            | Not Set                      |  |
| Park assist customer settings menu                         | Feature not present / Absent |  |
| EPB service mode customer settings menu                    | Not Set                      |  |
| Teen Key Fuel Pop-up Customer Settings Menu                | Not Set                      |  |
| Teen Key Automatic High Beam Customer Settings Menu        | Not Set                      |  |
| Rear view camera delay customer settings menu              | Set                          |  |
| Passenger Airbag On/Off Customer Settings Menu             | Not Set                      |  |
| RKE unlock customer settings menu                          | Set                          |  |
| Speed unit customer settings menu                          | Set                          |  |
| Doors and Engine Off Power Delay Customer Settings Menu    | Set                          |  |
| Forward Collision Warning and Brake Customer Settings Menu | Not Set                      |  |
| Tilt mirror in reverse customer settings menu              | Not Set                      |  |
| Torque unit customer settings menu                         | Not Set                      |  |
| Clari-Fi Present                                           | Not Set                      |  |
| Radio Speaker Open Circuit Disable (RF)                    | Not Set                      |  |
| Radio Speaker Open Circuit Disable (LF)                    | Not Set                      |  |
| DTV Present                                                | Not Set                      |  |
| Surround View Camera On/Off Softkey Present                | Not Set                      |  |

|                                                          |              |         |
|----------------------------------------------------------|--------------|---------|
| Auto Dimming Mirror Hard Button Present                  | Not Set      |         |
| Rear Defrost and Heated Mirrors Present                  | Both         |         |
| Radio Speaker Open Circuit Disable (LR)                  | Not Set      |         |
| Tri-State Comfort Climate Softkey Function Present       | Set          |         |
| Automatic Crash Notification Feature Present             | Not Set      |         |
| Show Phone Information in Cluster                        | Set          |         |
| ANC Calibration Parameter Data Set                       | 46594        | ms      |
| Radio Speaker Open Circuit Disable (RR)                  | Not Set      |         |
| Drive Mode Version                                       | Version 1    |         |
| Trailer Hitch Camera Present                             | Set          |         |
| Park Assist Tuning Set                                   | Sahara       |         |
| Right Front Corner Voltage                               | 13.6 Volts   |         |
| Left High Beam Voltage Regulation                        | 13.6 Volts   |         |
| Left Rear Corner Voltage                                 | 12.8 Volts   |         |
| Left Front Corner Voltage                                | 13.6 Volts   |         |
| Right Low Beam Voltage Regulation                        | 13.6 Volts   |         |
| Signature Light Present                                  | Present      |         |
| Right Rear Corner Voltage                                | 12.8 Volts   |         |
| Dual Filament Headlamp                                   | Not Present  |         |
| Auto Headlamp On Threshold                               | 3.31409      | Volt    |
| Front Turn Lamp Diagnostics                              | Present      |         |
| Left Low Beam Voltage Regulation                         | 13.6 Volts   |         |
| Auto Headlamp Off Threshold                              | 2.54930      | Volt    |
| Right High Beam Voltage Regulation                       | 13.6 Volts   |         |
| Tilt                                                     | Not Set      |         |
| Siren                                                    | Not Set      |         |
| Ultrasonics                                              | Not Set      |         |
| Manual Trans Present                                     | Not Set      |         |
| Washer Fluid Level Voltage Threshold                     | 4.46 volts   |         |
| Illuminated Approach Taillamp Target Percentage          | 165 (82.50%) |         |
| Illuminated Approach Headlamp Target Percentage          | 165 (82.50%) |         |
| IBS Present                                              | Set          |         |
| DC to DC Converter #2 Present                            | Not Set      |         |
| EVIC Switch Module Present                               | Set          |         |
| CRVMM Present                                            | Set          |         |
| Humidity Sensor Present                                  | Not Set      |         |
| Panic Enable                                             | Set          |         |
| Compass Mounting Orientation                             | Upside Down  |         |
| Auto Relock Time                                         | 60           | seconds |
| DC to DC Converter Present                               | Not Set      |         |
| Compass Mounting Angle                                   | 0            | Degree  |
| Illuminated Approach Interior Lighting Target Percentage | 100 (50%)    |         |
| Illuminated Approach Interior Lighting Ramp Up Time      | 130(2600ms)  |         |
| ASBM Present                                             | Not Set      |         |

|                              |                             |  |
|------------------------------|-----------------------------|--|
| VTA System Present           | VTA                         |  |
| ASBMM Present                | Set                         |  |
| Speedometer Tolerance        | 0 Percent Tolerance         |  |
| Steering C Factor            | Type 3                      |  |
| Increasing speed constant    | Increasing 0 KPH            |  |
| Tachometer Type              | Feature Disabled / DISABLED |  |
| Passenger Kneebag Present    | False                       |  |
| ODS Present                  | False                       |  |
| Driver Kneebag Present       | False                       |  |
| BUX vehicle                  | False                       |  |
| Integrated EPP Present       | False                       |  |
| 2nd Row Seat Airbags Present | False                       |  |
| Passive Ped Pro Present      | False                       |  |
| Curtain Airbags Present      | False                       |  |
| Tow Hooks Present            | True                        |  |
| Reserved                     | Reserved                    |  |
| Reserved                     | Reserved                    |  |
| ANC                          | Not Set                     |  |
| PCM                          | Set                         |  |
| OCM                          | Set                         |  |
| ASBS                         | Set                         |  |
| SGW                          | Set                         |  |
| ITBM                         | Not Set                     |  |
| ABS                          | Not Set                     |  |
| AFLS                         | Not Set                     |  |
| ORC                          | Set                         |  |
| AHLM/AFLS                    | Not Set                     |  |
| ESM                          | Set                         |  |
| DPDM                         | Set                         |  |
| ELSD                         | Not Set                     |  |
| IPC                          | Set                         |  |
| TPM                          | Set                         |  |
| SCCM                         | Set                         |  |
| EPS                          | Set                         |  |
| ASCM                         | Not Set                     |  |
| DTCM                         | Set                         |  |
| PTS                          | Set                         |  |
| TCM                          | Set                         |  |
| BCM (PT)                     | Set                         |  |
| RFH                          | Set                         |  |
| Heated Mirrors Present       | Present                     |  |
| Engine Displacement          | Signal Not Available / SNA  |  |
| Rear Defrost Presence        | Present                     |  |
| AMP                          | Set                         |  |

|                                                              |                |  |
|--------------------------------------------------------------|----------------|--|
| TBM                                                          | Not Set        |  |
| HVAC_R                                                       | Not Set        |  |
| RBSM                                                         | Set            |  |
| LBSM                                                         | Set            |  |
| EDM                                                          | Not Set        |  |
| Radio                                                        | Set            |  |
| PTCM                                                         | Set            |  |
| BCM (Interior Bus)                                           | Set            |  |
| HSM                                                          | Set            |  |
| ITM                                                          | Not Set        |  |
| HVAC                                                         | Set            |  |
| Right High Beam Present - Pin A2                             | Set            |  |
| Left Rear Turn Lamp Diagnostics Present - Pin F27            | Set            |  |
| Stop/Turn Lamp or Stop Lamp Present Pin E2 & F40             | Stop/Turn Lamp |  |
| Signature Lamps or Mirror Repeater Present - Pin A5 & Pin A7 | Signature Lamp |  |
| Brake Fluid Level Switch Signal Present - Pin D21            | Not Set        |  |
| Backup Reverse Lamp Left Present - Pin F41                   | Set            |  |
| Left Front Lamp Diagnostics Present - Pin F25                | Set            |  |
| Right Front Lamp Diagnostics Present - Pin F28               | Set            |  |
| Left High Beam Present - Pin D1                              | Set            |  |
| Right Rear Turn Lamp Diagnostics Present - Pin F31           | Set            |  |
| Backup Reverse Lamp Right Present - Pin E1                   | Set            |  |

## 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                  | UUYGVDHL     |         |
| 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 | 00           |  |
| 12/24 Time Selection                          | 12 Hour Time |  |

**LBSS CONFIGURATION**

| NAME               | VALUE                | UNITS |
|--------------------|----------------------|-------|
| Steering (LHD/RHD) | Left Hand Drive/ LHD |       |
| Teen Key           | No                   |       |
| CFG FEATURE        | CFG_NONE             |       |

**RBSS CONFIGURATION**

| NAME               | VALUE                | UNITS |
|--------------------|----------------------|-------|
| Teen Key           | No                   |       |
| Steering (LHD/RHD) | Left Hand Drive/ LHD |       |

**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 83        |         |
| Axle Ratio                  | 4.093          | No Unit |
| Tire Circumference          | 98             | inch    |



## VEHICLE SCAN REPORT

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

**Odometer** 5513.6 miles  
**Publication Date** Jan 18, 2022, 3:33:32 PM

### ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | PART #     |
|-------|--------------------------------|----------|--------------|------------|
| TCM   | Transmission Control Module    | CAN-C    | 68478031AN   | 68478031AN |
| PCM   | Powertrain Control Module      | CAN-C    | 68477599AM   | 68477599AM |
| ASBS  | Automatic Sway Bar System      | CAN-C    | 68251036AC   | 68251036AC |
| ICS   | Integrated Center Stack        | CAN-I    | 6SX94DX9AE   | 6SX94DX9AE |
| RFH   | Radio Frequency Hub            | CAN-C    | 56029925AA   | 56029925AA |
| ESM   | Electronic Shifter             | CAN-C    | 04670716AC   | 04670716AC |
| DTCM  | Drive Train Control Module     | CAN-C    | 68547689AB   | 68547689AB |
| 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 |
| PTCM  | Power Top Control Module       | CAN-I    | 68371772AB   | 68371772AB |
| AMP   | Amplifier                      | CAN-I    | 68549084AA   | 68549084AA |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68499481AI   | 68499481AI |
| PTS   | Parktronics                    | CAN-C    | 68441031AC   | 68441031AC |
| 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 |
| LBSS  | Left Blind Spot Sensor         | CAN-I    | 68454896AA   | 68454896AA |

|      |                                    |       |            |  |            |
|------|------------------------------------|-------|------------|--|------------|
| RBSS | Right Blind Spot Sensor            | CAN-I | 68454896AA |  | 68454896AA |
| BPCM | Battery Pack Control Module        | CAN-C | 05193168AG |  | 05193168AG |
| HCP  | Hybrid Control Processor           | CAN-C | 68451036AQ |  | 68451036AQ |
| CVPM | Central vision processing module   | CAN-I | 68551941AA |  | 68551941AA |
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 68498791AQ |  | 68498791AQ |
| ABSO | Anti Lock Brakes OBD               | CAN-C | 68395967AM |  | 68395967AM |
| 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  | 7DD57192                         |
| PCM   | USA                 | 1D 47            | 21 21 00         | 4928  | AE2AF362                         |
| ASBS  | USA                 | 10 01 00         | 11 21 00         | 4500  |                                  |
| 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  |                                  |
| PTCM  | USA                 | 11 1A 21         | 12 12 60         | 4101  |                                  |
| AMP   | USA                 | 21 01 01         | 15 0B 00         | 4034  |                                  |
| IPC   | USA                 | 21 18 01         | 15 25 01         | 4805  |                                  |
| PTS   | USA                 | 10 32 01         | 13 24 03         | 4401  |                                  |
| 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  |                                  |
| LBSS  | USA                 | 11 23 01         | 12 25 00         | 4204  |                                  |
| RBSS  | USA                 | 11 23 01         | 12 25 00         | 4204  |                                  |
| BPCM  | Rest of world / ROW | 13 0C 04         | 15 06 43         | 5701  | C3870F1B                         |
| HCP   | USA                 | 14 26 03         | 15 11 01         | 5403  | E61DDD51<br>89D357B5<br>A6B8D890 |
| CVPM  | USA                 | 11 27 01         | 15 09 00         | 4012  |                                  |
| AHCP  | USA                 | 14 26 03         | 14 33 01         | 5600  |                                  |

|      |     |          |          |      |          |
|------|-----|----------|----------|------|----------|
| ABSO | USA | 15 02 00 | 15 02 02 | 4300 | 1C5C3234 |
| SGW  |     | 5        | 955      | 4103 |          |
| DPDM | USA | 11 31 01 | 11 0F 04 | 4510 |          |
| IDCM | USA | 15 0E 00 | 15 1B 00 | 4000 |          |

## DTC SUMMARY

| ECU  | DTC CODE | DTC DESCRIPTION                                 | STATUS |
|------|----------|-------------------------------------------------|--------|
| BPCM | P0A0A-00 | High Voltage System Interlock Circuit "A"-      | Active |
| BPCM | P1E73-00 | High Voltage System Interlock Out of Range Low- | Active |
| HCP  | P0A0A-00 | High Voltage System Interlock Circuit "A"-      | Active |

## ENVIRONMENTAL DATA SUMMARY

### BPCM | P0A0A-00 | Active | High Voltage System Interlock Circuit "A"-

| NAME                                               | VALUE              | UNITS   |
|----------------------------------------------------|--------------------|---------|
| DTC                                                | 0A 0A 00           |         |
| Test Failed                                        | True               |         |
| Test Failed This Operation Cycle                   | True               |         |
| 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            | False              |         |
| Warning Indicator Requested                        | True               |         |
| Occurrence flag                                    | Error              |         |
| Original Odometer Value                            | 5513.6             | miles   |
| Most Recent Odometer Value                         | 5513.6             | miles   |
| Frequency Counter                                  | 1                  |         |
| Ignition Cycle Counter                             | 0                  |         |
| FoM - for this DTC (lifetime fails)                | 3                  | events  |
| FoM - for this DTC (lifetime fails counts on pass) | 0.0000             | seconds |
| FoM - for this DTC (lifetime longest fail on pass) | 0.000              | seconds |
| Battery Total Time Awake                           | 12662071           | seconds |
| Key in Ignition                                    | Key_Def            |         |
| EPT -WakeUp                                        | Sourced            |         |
| HCP Contactor Command                              | FAST_OPN           |         |
| Qualified Contactor Command - QCC                  | Open               |         |
| Verified Contactor Command - VCC                   | CLOSE Unrestricted |         |
| Contactor Status                                   | Open               |         |
| Plug in Status                                     | Not plugged in     |         |
| Balance Mode                                       | False              |         |
| Vehicle Speed                                      | 0.0                | MPH     |
| System (12) Volts at time of fault                 | 0.047              | Volts   |
| Battery Lifetime AmpHrs of Charge                  | 465317.3           | AHr     |

|                                               |                          |         |
|-----------------------------------------------|--------------------------|---------|
| Battery Lifetime AmpHrs of DisCharge          | 176958.9                 | AHr     |
| HVIL Status -Vehicle                          | Invalid                  |         |
| Cycles left to self heal                      | 255                      | No Unit |
| HV Battery Charge Power 2sec                  | 70446                    | watts   |
| HV Battery Charge Power 10sec                 | 70443                    | watts   |
| HV Battery Discharge Power 2sec               | 91782                    | watts   |
| HV Battery Discharge Power 10sec              | 87273                    | watts   |
| Key - DriveRdy (CAN)                          | False                    |         |
| Battery Lifetime Number Of Closes             | 13059                    |         |
| Battery Full AmpHr Capacity                   | F901                     | AmpHrs  |
| Battery Cell Voltage Maximum                  | 3597                     | mV      |
| Battery Cell Voltage Minimum                  | 49165                    | mV      |
| Battery Cell Voltage Average                  | 44301                    | mV      |
| Battery Temperature Maximum Module            | 32319                    | °F      |
| Battery Temperature Minimum Module            | -46030                   | °F      |
| Battery Temperature Average Module            | 3742                     | °F      |
| Battery Temperature Number of Failing Sensors | CA                       |         |
| DTC Extended Data Record Number - All         | 01                       |         |
| DTC Extended Data Record Number - 2           | 02                       |         |
| HV Battery Charge Power 30sec                 | 70443                    | watts   |
| HV Battery Discharge Power 30sec              | 43539                    | watts   |
| Key Position                                  | Ignition Status: Running |         |
| SOC                                           | 60.8                     | %       |
| HV Bat SOH-R                                  | 16.9                     | %       |
| HV Bat SOH-C                                  | 99.2                     | %       |
| Cell Impedance Max Discharge                  | E903                     | mOhms   |
| Cell Impedance Min Discharge                  | D003                     | mOhms   |
| HVIL Status - Battery pack                    | Fail                     |         |
| HVIL PWM Duty Cycle source - Vehicle          | 0.4                      | %       |
| HVIL PWM Duty Cycle Sink - Battery            | 100.0                    | %       |
| HVIL PWM Duty Cycle Source - Battery          | 0.0                      | %       |
| HVIL PWM Duty Cycle Sink - Battery            | 49.0                     | %       |
| HVIL PWM Frequency source - Vehicle           | 7D00                     | Hz      |
| HVIL PWM Frequency Sink - Vehicle             | 0.0                      | Hz      |
| HVIL PWM Frequency Source - Battery           | 0.3                      | Hz      |
| HVIL PWM Frequency Sink - Battery             | 7003                     | Hz      |
| HVIL Returned current - Vehicle               | 2867.20                  | mA      |
| HVIL Returned current - Battery               | 307.20                   | mA      |
| Battery Cell Highest Cell number              | B7                       |         |
| Battery Cell Lowest Cell number               | 67                       |         |
| HV Battery Current Sensor Primary             | 249.95                   | Amps    |
| HV Battery Current Sensor Secondary           | 1542.80                  | Amps    |
| HV Battery Current HVBatCrnt                  | -1567.65                 | Amps    |
| HV Battery Voltage (cell sum)                 | F80D                     | Volts   |

|                                                                                      |        |           |
|--------------------------------------------------------------------------------------|--------|-----------|
| HV Battery Voltage (Module Sum)                                                      | 2A0D   | Volts     |
| HV Sensor-Pack Voltage                                                               | 2A0D   | Volts     |
| HV Sensor -DC Link Voltage                                                           | 2700   | Volts     |
| HV Sensor -main fuse Voltage                                                         | 1.20   | Volts     |
| HV Sensor- IDCM fuse Voltage                                                         | C50C   | Volts     |
| HV Sensor - Heater fuse Voltage                                                      | C60C   | Volts     |
| Battery Temperature Highest Sensor number                                            | CA     |           |
| Battery Temperature Lowest Sensor number                                             | 0C     |           |
| HV Cooling Battery coolant inlet temp                                                | -58934 | °F        |
| HV Cooling Battery coolant outlet temp                                               | -58079 | °F        |
| BPCM temperature max                                                                 | -45355 | °F        |
| BPCM temperature min                                                                 | -46737 | °F        |
| Vehicle Isolation Impedance (Positive side)                                          | 7.174  | Mega Ohms |
| Vehicle Isolation Impedance (Negative side)                                          | 4.864  | Mega Ohms |
| Vehicle Isolation Impedance (Equivalent)                                             | 32.796 | Mega Ohms |
| Battery Isolation Impedance (Positive side)                                          | 32.794 | Mega Ohms |
| Battery Isolation Impedance (Negative side)                                          | 0.000  | Mega Ohms |
| Battery Isolation Impedance (Equivalent)                                             | 32.806 | Mega Ohms |
| Cn Pin Open                                                                          | PASS   |           |
| Cn Short to SWn                                                                      | PASS   |           |
| Auxiliary channel 1 Pin Open                                                         | PASS   |           |
| Auxiliary channel 2 Pin Open                                                         | PASS   |           |
| Measured result difference between Alternative path and Primary path is out of range | PASS   |           |
| Balancing Swtich Short                                                               | PASS   |           |
| Balancing Swtich Open                                                                | PASS   |           |
| Alternate reference voltage is out of range                                          | Fail   |           |
| Vaa voltage is out of range                                                          | PASS   |           |
| Level-shift amplifier offset voltage is out of range                                 | PASS   |           |
| Stuck ADC output bits verification with zero-scale                                   | Fail   |           |
| Stuck ADC output bits verification with full-scale                                   | PASS   |           |
| Multiplexer Open/Short verification with single HVMUX test current source            | PASS   |           |
| Multiplexer Open/Short verification with both HVMUX test current sources             | Fail   |           |
| Measured result difference between Module voltage and Cell voltage summation         | PASS   |           |
| Vhv - Vdcin > Vhvov                                                                  | PASS   |           |
| Vhv < Vhvuv                                                                          | PASS   |           |
| Die Temperature is over the upper limit                                              | PASS   |           |
| Scanning for cell information is not complete                                        | PASS   |           |
| ADC Data Path error                                                                  | PASS   |           |
| Packet Error Check                                                                   | PASS   |           |
| Power-on reset event occurred                                                        | PASS   |           |
| 32kHz oscillator frequency is not within +/-5% of its expected value                 | PASS   |           |
| Same as Alrtosc1(redundant alert)                                                    | PASS   |           |
| Die Temperature is over the upper limit                                              | PASS   |           |
| Module number addressing is fail                                                     | PASS   |           |

|                                                    |      |         |
|----------------------------------------------------|------|---------|
| Alive counter is not matched to the expected value | PASS |         |
| PEC Bits in Data-check byte error                  | PASS |         |
| Vhv - V12 is too low                               | PASS |         |
| Transmit data is not equal to read back data       | PASS |         |
| Engine Speed                                       | 0    | rpm     |
| Accelerator position                               | 0.0  | %       |
| GPS_Date - Year                                    | 5001 | Year    |
| GPS_Date - Month                                   | 2    |         |
| GPS_Date - Day                                     | 58   | Days    |
| UTC_Time - Hours                                   | 16   | Hours   |
| UTC_Time - Minutes                                 | 0    |         |
| UTC_Time - Seconds                                 | 0    | seconds |

#### BPCM | P1E73-00 | Active | High Voltage System Interlock Out of Range Low-

| NAME                                               | VALUE              | UNITS   |
|----------------------------------------------------|--------------------|---------|
| DTC                                                | 1E 73 00           |         |
| Test Failed                                        | True               |         |
| Test Failed This Operation Cycle                   | True               |         |
| 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            | False              |         |
| Warning Indicator Requested                        | True               |         |
| Occurrence flag                                    | Error              |         |
| Original Odometer Value                            | 5513.6             | miles   |
| Most Recent Odometer Value                         | 5513.6             | miles   |
| Frequency Counter                                  | 1                  |         |
| Ignition Cycle Counter                             | 0                  |         |
| FoM - for this DTC (lifetime fails)                | 3                  | events  |
| FoM - for this DTC (lifetime fails counts on pass) | 0.0000             | seconds |
| FoM - for this DTC (lifetime longest fail on pass) | 0.000              | seconds |
| Battery Total Time Awake                           | 12662071           | seconds |
| Key in Ignition                                    | Key_Def            |         |
| EPT -WakeUp                                        | Sourced            |         |
| HCP Contactor Command                              | FAST_OPN           |         |
| Qualified Contactor Command - QCC                  | Open               |         |
| Verified Contactor Command - VCC                   | CLOSE Unrestricted |         |
| Contactor Status                                   | Open               |         |
| Plug in Status                                     | Not plugged in     |         |
| Balance Mode                                       | False              |         |
| Vehicle Speed                                      | 0.0                | MPH     |
| System (12) Volts at time of fault                 | 0.047              | Volts   |
| Battery Lifetime AmpHrs of Charge                  | 550514.1           | AHr     |

|                                               |                          |         |
|-----------------------------------------------|--------------------------|---------|
| Battery Lifetime AmpHrs of DisCharge          | 176958.9                 | AHr     |
| HVIL Status -Vehicle                          | Invalid                  |         |
| Cycles left to self heal                      | 100                      | No Unit |
| HV Battery Charge Power 2sec                  | 70446                    | watts   |
| HV Battery Charge Power 10sec                 | 70443                    | watts   |
| HV Battery Discharge Power 2sec               | 91782                    | watts   |
| HV Battery Discharge Power 10sec              | 87273                    | watts   |
| Key - DriveRdy (CAN)                          | False                    |         |
| Battery Lifetime Number Of Closes             | 13059                    |         |
| Battery Full AmpHr Capacity                   | F901                     | AmpHrs  |
| Battery Cell Voltage Maximum                  | 3597                     | mV      |
| Battery Cell Voltage Minimum                  | 49165                    | mV      |
| Battery Cell Voltage Average                  | 44301                    | mV      |
| Battery Temperature Maximum Module            | 32319                    | °F      |
| Battery Temperature Minimum Module            | -46491                   | °F      |
| Battery Temperature Average Module            | 3281                     | °F      |
| Battery Temperature Number of Failing Sensors | CA                       |         |
| DTC Extended Data Record Number - All         | 01                       |         |
| DTC Extended Data Record Number - 2           | 02                       |         |
| HV Battery Charge Power 30sec                 | 70443                    | watts   |
| HV Battery Discharge Power 30sec              | 43539                    | watts   |
| Key Position                                  | Ignition Status: Running |         |
| SOC                                           | 60.8                     | %       |
| HV Bat SOH-R                                  | 16.9                     | %       |
| HV Bat SOH-C                                  | 99.2                     | %       |
| Cell Impedance Max Discharge                  | E903                     | mOhms   |
| Cell Impedance Min Discharge                  | D003                     | mOhms   |
| HVIL Status - Battery pack                    | Fail                     |         |
| HVIL PWM Duty Cycle source - Vehicle          | 0.4                      | %       |
| HVIL PWM Duty Cycle Sink - Battery            | 100.0                    | %       |
| HVIL PWM Duty Cycle Source - Battery          | 0.0                      | %       |
| HVIL PWM Duty Cycle Sink - Battery            | 49.0                     | %       |
| HVIL PWM Frequency source - Vehicle           | 7D00                     | Hz      |
| HVIL PWM Frequency Sink - Vehicle             | 0.0                      | Hz      |
| HVIL PWM Frequency Source - Battery           | 0.3                      | Hz      |
| HVIL PWM Frequency Sink - Battery             | 7003                     | Hz      |
| HVIL Returned current - Vehicle               | 2867.20                  | mA      |
| HVIL Returned current - Battery               | 332.80                   | mA      |
| Battery Cell Highest Cell number              | B7                       |         |
| Battery Cell Lowest Cell number               | 67                       |         |
| HV Battery Current Sensor Primary             | 249.95                   | Amps    |
| HV Battery Current Sensor Secondary           | 1542.80                  | Amps    |
| HV Battery Current HVBatCrnt                  | -1567.65                 | Amps    |
| HV Battery Voltage (cell sum)                 | F80D                     | Volts   |

|                                                                                      |        |           |
|--------------------------------------------------------------------------------------|--------|-----------|
| HV Battery Voltage (Module Sum)                                                      | 2A0D   | Volts     |
| HV Sensor-Pack Voltage                                                               | 2A0D   | Volts     |
| HV Sensor -DC Link Voltage                                                           | 2700   | Volts     |
| HV Sensor -main fuse Voltage                                                         | 1.20   | Volts     |
| HV Sensor- IDCM fuse Voltage                                                         | C50C   | Volts     |
| HV Sensor - Heater fuse Voltage                                                      | C60C   | Volts     |
| Battery Temperature Highest Sensor number                                            | C8     |           |
| Battery Temperature Lowest Sensor number                                             | 0C     |           |
| HV Cooling Battery coolant inlet temp                                                | -58940 | °F        |
| HV Cooling Battery coolant outlet temp                                               | -58079 | °F        |
| BPCM temperature max                                                                 | -45355 | °F        |
| BPCM temperature min                                                                 | -46737 | °F        |
| Vehicle Isolation Impedance (Positive side)                                          | 7.174  | Mega Ohms |
| Vehicle Isolation Impedance (Negative side)                                          | 4.864  | Mega Ohms |
| Vehicle Isolation Impedance (Equivalent)                                             | 32.796 | Mega Ohms |
| Battery Isolation Impedance (Positive side)                                          | 32.794 | Mega Ohms |
| Battery Isolation Impedance (Negative side)                                          | 0.000  | Mega Ohms |
| Battery Isolation Impedance (Equivalent)                                             | 32.806 | Mega Ohms |
| Cn Pin Open                                                                          | PASS   |           |
| Cn Short to SWn                                                                      | PASS   |           |
| Auxiliary channel 1 Pin Open                                                         | PASS   |           |
| Auxiliary channel 2 Pin Open                                                         | PASS   |           |
| Measured result difference between Alternative path and Primary path is out of range | PASS   |           |
| Balancing Swtich Short                                                               | PASS   |           |
| Balancing Swtich Open                                                                | PASS   |           |
| Alternate reference voltage is out of range                                          | Fail   |           |
| Vaa voltage is out of range                                                          | PASS   |           |
| Level-shift amplifier offset voltage is out of range                                 | PASS   |           |
| Stuck ADC output bits verification with zero-scale                                   | Fail   |           |
| Stuck ADC output bits verification with full-scale                                   | PASS   |           |
| Multiplexer Open/Short verification with single HVMUX test current source            | PASS   |           |
| Multiplexer Open/Short verification with both HVMUX test current sources             | Fail   |           |
| Measured result difference between Module voltage and Cell voltage summation         | PASS   |           |
| Vhv - Vdcin > Vhvov                                                                  | PASS   |           |
| Vhv < Vhvuv                                                                          | PASS   |           |
| Die Temperature is over the upper limit                                              | PASS   |           |
| Scanning for cell information is not complete                                        | PASS   |           |
| ADC Data Path error                                                                  | PASS   |           |
| Packet Error Check                                                                   | PASS   |           |
| Power-on reset event occurred                                                        | PASS   |           |
| 32kHz oscillator frequency is not within +/-5% of its expected value                 | PASS   |           |
| Same as Alrtosc1(redundant alert)                                                    | PASS   |           |
| Die Temperature is over the upper limit                                              | PASS   |           |
| Module number addressing is fail                                                     | PASS   |           |

|                                                    |      |         |
|----------------------------------------------------|------|---------|
| Alive counter is not matched to the expected value | PASS |         |
| PEC Bits in Data-check byte error                  | PASS |         |
| Vhv - V12 is too low                               | PASS |         |
| Transmit data is not equal to read back data       | PASS |         |
| Engine Speed                                       | 0    | rpm     |
| Accelerator position                               | 0.0  | %       |
| GPS_Date - Year                                    | 5001 | Year    |
| GPS_Date - Month                                   | 2    |         |
| GPS_Date - Day                                     | 58   | Days    |
| UTC_Time - Hours                                   | 16   | Hours   |
| UTC_Time - Minutes                                 | 0    |         |
| UTC_Time - Seconds                                 | 0    | seconds |

#### HCP | P0A0A-00 | Active | High Voltage System Interlock Circuit "A"-

| NAME                                    | VALUE       | UNITS |
|-----------------------------------------|-------------|-------|
| DTC                                     | 0A 0A 00    |       |
| Test Failed                             | True        |       |
| Test Failed This Operation Cycle        | True        |       |
| 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 | False       |       |
| Warning Indicator Requested             | True        |       |
| DTC Extended Data Record Number         | 01          |       |
| Occurrence flag                         | Occurrence  |       |
| Original Odometer Value                 | 5513.6      | miles |
| Most Recent Odometer Value              | 5513.6      | miles |
| Frequency Counter                       | 1           |       |
| Ignition Cycle Counter                  | 0           |       |
| Microcontroller reset reason - Core 0   | FFFF0003    |       |
| Microcontroller reset reason - Core 1   | Power Up    |       |
| Real time clock                         | 959345664   | sec   |
| RAM stamps keyOn                        | 930         | sec   |
| RAM Stamps                              | 47409       | Min   |
| Accelerator Pedal Position              | 0           | %     |
| Barometric Pressure                     | 14          | PSI   |
| Engine Coolant Temperature              | 187         | °F    |
| Engine Speed                            | 0           | rpm   |
| Vehicle Speed                           | 0.0000      | MPH   |
| HV Battery SOC                          | 17          | %     |
| Brake Switch Status                     | Not Applied |       |
| Battery Feed Voltage 1 Sense            | 12.096      | Volts |
| Battery Feed Voltage 2 Sense            | 12.096      | Volts |

|                                         |                               |        |
|-----------------------------------------|-------------------------------|--------|
| Battery Feed Voltage 3 Sense            | 12.168                        | Volts  |
| Internal EPS Voltage Sense A            | 0.000                         | Volts  |
| Internal EPS Voltage Sense B            | 0.000                         | Volts  |
| Hybrid System State                     | Determine Hybrid System State |        |
| Actual Torque - Motor A                 | 0.000                         | Ft-Lbs |
| Actual Torque - Motor B                 | 0.000                         | Ft-Lbs |
| Available Motor Torque - Motor A        | 39.086                        | Ft-Lbs |
| Available Motor Torque - Motor B        | 0.000                         | Ft-Lbs |
| Available Regen Torque - Motor A        | -39.086                       | Ft-Lbs |
| Available Regen Torque - Motor B        | 0.000                         | Ft-Lbs |
| Commanded Torque - Motor A              | 0.000                         | Ft-Lbs |
| Commanded Torque - Motor B              | 0.000                         | Ft-Lbs |
| Motor A - Inverter Current - phase A    | 0                             | AMP    |
| Motor A - Inverter Current - phase B    | -4                            | AMP    |
| Motor A - Inverter Current - phase C    | 0                             | AMP    |
| Motor B - Inverter Current - phase A    | -4                            | AMP    |
| Motor B - Inverter Current - phase B    | -4                            | AMP    |
| Motor B - Inverter Current - phase C    | -4                            | AMP    |
| Motor A Resolver Angle                  | 44                            | Degree |
| Motor B Resolver Angle                  | Not Programmed                | Degree |
| Motor A Temp Sensor                     | 97                            | °F     |
| Motor B Temp Sensor                     | 167                           | °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                | False                         |        |
| HV Contactor Status                     | Open                          |        |
| HV Battery Voltage from BPCM            | 180.00                        | Volts  |
| Electric Motor A Speed                  | 0.0                           | rpm    |
| Electric Motor B Speed                  | 0.0                           | rpm    |
| PIM DC Link Voltage - A                 | 0                             | Volts  |
| PIM DC Link Voltage - B                 | 0                             | Volts  |
| Inverter A IGBT Temperature for phase A | 82                            | °F     |
| Inverter A IGBT Temperature for phase B | 82                            | °F     |
| Inverter A IGBT Temperature for phase C | 81                            | °F     |
| Inverter B IGBT Temperature for phase A | 84                            | °F     |
| Inverter B IGBT Temperature for phase B | 82                            | °F     |
| Inverter B IGBT Temperature for phase C | 79                            | °F     |
| APM Status                              | Idle                          |        |
| Impact Event                            | False                         |        |
| PRND Position Display                   | P                             |        |
| HCP System Shutdown Command             | Default                       |        |

|                                        |                          |         |
|----------------------------------------|--------------------------|---------|
| PHEV Charging Status                   | No Charging              |         |
| Distance Travelled with Light ON       | 0                        | miles   |
| OBCM Operating Mode                    | UTC                      |         |
| J1772 Prox Detected State              | Prox Out                 |         |
| HV Battery Sleep Time                  | 0                        | Days    |
| SW Build Release Version               | PIM_20B_2102B0_P1P2_HCP_ |         |
| HCP SW Version                         | 20B                      |         |
| High Voltage bus voltage fault status  | No fault                 |         |
| HV Battery Voltage                     | 337                      | Volts   |
| HV Battery Voltage fault status        | No fault                 |         |
| APM HV Voltage                         | 1                        | Volts   |
| APM HV Voltage fault status            | No fault                 |         |
| ECH HV Voltage                         | 0                        | Volts   |
| ECH HV Voltage fault status            | No fault                 |         |
| EAC HV Voltage                         | 0                        | Volts   |
| EAC HV Voltage fault status            | No fault                 |         |
| HV Battery Contactor Status FA         | No fault                 |         |
| DAP Contactor Open                     | Do Not Open              |         |
| Air PTC Heater HV Voltage              | 0                        | Volts   |
| Air PTC Heater HV Voltage Fault Status | No fault                 |         |
| DBK Heater HV Voltage                  | 0                        | Volts   |
| DBK Heater HV Voltage Fault Status     | No fault                 |         |
| High Voltage Interlock Status          | Interlock Failed         |         |
| Engine WarmUp Cycle Complete           | Not Completed            |         |
| Charging System Status                 | Not Charging             |         |
| Charging Level                         | Default                  |         |
| High Voltage Contactor Control         | Fast Open                |         |
| GPS Date - Year                        | 58887                    | Year    |
| GPS Date - Month                       | 1                        |         |
| GPS Date - Day                         | 18                       | Days    |
| UTC Time - Hours                       | 18                       | Hours   |
| UTC Time - Minutes                     | 18                       |         |
| UTC Time - Seconds                     | 0                        | seconds |
| ECU Time - Milliseconds                | 50                       | ms      |

## SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0A0A-00

No Snapshot Data available for P1E73-00

No Snapshot Data available for P0A0A-00