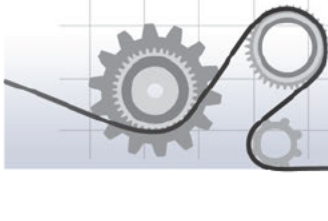


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WI  
TECH 2.0

## CONFIGURATION REPORT

**Vehicle** 2022 JEEP WRANGLER 2.0L I4 DOHC DI TURBO PHEV ENGINE  
**VIN** [REDACTED]

**Odometer** 511.9 miles  
**Publication Date** Apr 6, 2022, 7:27:01 AM

## ECU SUMMARY INFO

| ECU   | NAME                             | BUS TYPE | FLASH PART # | CURRENT VIN | ORIGINAL VIN | PART #     |
|-------|----------------------------------|----------|--------------|-------------|--------------|------------|
| TCM   | Transmission Control Module      | CAN-C    | 68563825AB   | [REDACTED]  | [REDACTED]   | 68563825AB |
| PCM   | Powertrain Control Module        | CAN-C    | 05188195AC   | [REDACTED]  | [REDACTED]   | 05188195AC |
| ASBS  | Automatic Sway Bar System        | CAN-C    | 68570943AA   |             |              | 68570943AA |
| ICS   | Integrated Center Stack          | CAN-I    | 6SX95DX9AE   | [REDACTED]  | [REDACTED]   | 6SX95DX9AE |
| RFH   | Radio Frequency Hub              | CAN-C    | 56029925AB   | [REDACTED]  | [REDACTED]   | 56029925AB |
| ESM   | Electronic Shifter               | CAN-C    | 04670716AD   |             | [REDACTED]   | 04670716AD |
| DTCM  | Drive Train Control Module       | CAN-C    | 68547689AB   | [REDACTED]  | [REDACTED]   | 68547689AB |
| ORC   | Occupant Restraint               | CAN-C    | 68526670AB   | [REDACTED]  | [REDACTED]   | 68526670AB |
| EPS   | Electric Power Steering          | CAN-C    | 68529427AC   | [REDACTED]  | [REDACTED]   | 68529427AC |
| HVAC  | Heat, Ventilation and A/C        | CAN-I    | 52080486AB   | [REDACTED]  | [REDACTED]   | 52080486AB |
| CSWM  | Comfort Seat Wheel Module        | CAN-I    | 68530204AB   | [REDACTED]  | [REDACTED]   | 68530204AB |
| AMP   | Amplifier                        | CAN-I    | 68549084AB   | [REDACTED]  | [REDACTED]   | 68549084AB |
| IPC   | Instrument Panel Cluster         | CAN-C    | 68525023AA   | [REDACTED]  | [REDACTED]   | 68525023AA |
| SCCM  | Steering Column Control Module   | CAN-C    | 68526258AA   | [REDACTED]  | [REDACTED]   | 68526258AA |
| BCM   | Body Controller                  | CAN-C    | 68525356AC   | [REDACTED]  | [REDACTED]   | 68525356AC |
| RADIO | Radio                            | CAN-I    | 68472587AJ   | [REDACTED]  | [REDACTED]   | 68472587AJ |
| OCM   | Occupant Classification          | CAN-C    | 68403128AA   | [REDACTED]  | [REDACTED]   | 68403128AA |
| BPCM  | Battery Pack Control Module      | CAN-C    | 05193168AH   | [REDACTED]  | [REDACTED]   | 05193168AH |
| HCP   | Hybrid Control Processor         | CAN-C    | 68540073AB   | [REDACTED]  | [REDACTED]   | 68540073AB |
| CVPM  | Central vision processing module | CAN-I    | 68551941AA   | [REDACTED]  | [REDACTED]   | 68551941AA |

|      |                                    |       |            |  |  |            |
|------|------------------------------------|-------|------------|--|--|------------|
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 68540084AB |  |  | 68540084AB |
| ABSO | Anti Lock Brakes OBD               | CAN-C | 68532850AC |  |  | 68532850AC |
| SGW  | Security Gateway Module            | CAN-C | 68532299AB |  |  | 68532299AB |
| DPDM | Driver Presence Detection Module   | CAN-C | 68403129AA |  |  | 68403129AA |
| IDCM | Integrated Dual Charge Module      | CAN-C | 05185035AQ |  |  | 05185035AQ |

## ECU SUMMARY INFO (CONT...)

| ECU   | COUNTRY CODE        | HARDWARE VERSION | SOFTWARE VERSION | IDENT | CVNS                             |
|-------|---------------------|------------------|------------------|-------|----------------------------------|
| TCM   | USA / USA           | 13 05 0E         | 15 2B 00         | 4700  | 5033262D                         |
| PCM   | USA                 | 1D 47            | 21 22 00         | 4928  | A51CF452                         |
| ASBS  | USA                 | 10 01 00         | 15 0E 01         | 4500  |                                  |
| ICS   | USA                 | 10 1E 00         | 14 33 00         | 4802  |                                  |
| RFH   | USA / USA           | 10 17 00         | 15 1D 00         | 4604  |                                  |
| ESM   | USA                 | 15 18 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         | 15 01 01         | 4420  |                                  |
| CSWM  | USA                 | 11 2A 00         | 15 06 00         | 4202  |                                  |
| AMP   | USA                 | 21 01 01         | 15 16 00         | 4034  |                                  |
| IPC   | USA                 | 17 17 01         | 15 0B 01         | 4805  |                                  |
| SCCM  | USA                 | 13 28 00         | 13 29 00         | 4301  |                                  |
| BCM   | USA                 | 0D 11 00         | 15 21 50         | 4630  |                                  |
| RADIO | USA                 | 15 20 14         | 15 20 14         | 8205  |                                  |
| OCM   | USA                 | 11 31 01         | 11 07 04         | 4060  |                                  |
| BPCM  | Rest of world / ROW | 13 0C 04         | 15 24 42         | 5701  | 49906456                         |
| HCP   | USA                 | 15 0C 04         | 15 29 01         | 5403  | 6F5143CE<br>20A924DE<br>4C99835C |
| CVPM  | USA                 | 11 27 01         | 15 09 00         | 4012  |                                  |
| AHCP  | USA                 | 15 0C 04         | 14 33 01         | 5600  |                                  |
| ABSO  | USA                 | 15 26 00         | 15 22 03         | 4300  | D74722B2                         |
| SGW   |                     | 5                | 1125             | 4103  |                                  |
| DPDM  | USA                 | 11 31 01         | 11 0F 04         | 4510  |                                  |
| IDCM  | USA                 | 15 0E 00         | 15 28 00         | 4000  |                                  |

## CONFIGURATION

### TCM CONFIGURATION

| NAME                                                           | VALUE | UNITS |
|----------------------------------------------------------------|-------|-------|
| ERS/Autostick/Tip Non-paddle on Shifter in D position equipped | False |       |
| 4WD with switchable Lo Range equipped                          | False |       |

|                                                                                |       |  |
|--------------------------------------------------------------------------------|-------|--|
| FWD Equipped                                                                   | False |  |
| Short Learn Enabled                                                            | False |  |
| ERS/Autostick/Tip Non-paddle on Shifter in A or M position equipped            | False |  |
| ERS/Autostick/Tip Non-paddle on Steering Wheel equipped                        | True  |  |
| Shifter with Sport Mode Position Equipped                                      | False |  |
| Overdrive Off or Tow Haul Mode Switch or Virtual Switch (Non-Terrain) Equipped | False |  |
| ECO/Optimizer Switch Equipped                                                  | False |  |
| Engine Start/Stop equipped                                                     | False |  |
| Sport Mode Switch or Virtual Switch (Non-Terrain) Equipped                     | False |  |
| Shifter with Low Mode Position Equipped                                        | False |  |
| Autostick/ERS On/Off Switch Equipped                                           | False |  |
| Paddle-Shift Switches Equipped                                                 | False |  |
| RWD Equipped                                                                   | False |  |
| Long Learn Enabled                                                             | False |  |
| AWD Equipped                                                                   | False |  |
| Polystable E-shift (Cableless without return-to-center) equipped               | False |  |

## PCM CONFIGURATION

| NAME                                           | VALUE    | UNITS |
|------------------------------------------------|----------|-------|
| Active Exhaust Pressure Sensor Equipped        | False    |       |
| Secondary Mass Airflow Sensor Equipped         | False    |       |
| Active Exhaust Valve(s) Equipped               | False    |       |
| Electronic Parking Brake Equipped              | False    |       |
| Aux Coolant Pump Heater Equipped               | False    |       |
| Heater Temp Control Valve Equipped             | False    |       |
| Wastegate HBridge Equipped                     | True     |       |
| Mechanical Coolant Pump Equipped               | False    |       |
| High Side Port Tumble Valve Equipped           | False    |       |
| Cooled EGR Equipped                            | True     |       |
| Auxillary Coolant Pump Equipped                | True     |       |
| Supercharger Equipped                          | False    |       |
| HPT 6-Speed Trans Equipped                     | False    |       |
| Hybrid MEC Shifter Equipped                    | False    |       |
| ZF 9-Speed Trans Equipped                      | False    |       |
| CNG Large Gas Tank Equipped                    | False    |       |
| PTO System Equipped                            | False    |       |
| Dual Alternator Gen1 Capable                   | False    |       |
| Engine Idle Shutoff Equipped                   | False    |       |
| Low Temp Radiator Coolant Pump Equipped        | False    |       |
| Dual Fuel Tank Equipped                        | False    |       |
| A/C Relay Powered from Engine Switched Battery | False    |       |
| Engine Oil Pressure Sensor Type                | 255      | None  |
| 2.0 Liter I4 Direct Injection Engine           | True     |       |
| Coolant On-Off Pump Equipped                   | Equipped |       |

|                                                                    |              |  |
|--------------------------------------------------------------------|--------------|--|
| 1.0 Liter I3 Engine                                                | False        |  |
| Variable Valve Lift Equipped                                       | Not Equipped |  |
| Primary Lin Alternator Equipped                                    | Not Equipped |  |
| Active Exhaust Pressure Sensor Equipped                            | False        |  |
| Exhaust Cam 1 Equipped                                             | True         |  |
| Active Exhaust Valve Equipped                                      | False        |  |
| Linear PWM Fan Relay System Equipped                               | True         |  |
| Auxiliary Coolant Pump Equipped                                    | True         |  |
| 3.6 Liter V6 Engine                                                | False        |  |
| EMAT (Getrag DCT transmission) Equipped                            | False        |  |
| Primary Lin Alternator Equipped                                    | False        |  |
| Knock Sensor 1 Equipped                                            | True         |  |
| 4 Speed Automatic Transmission Equipped                            | False        |  |
| Electric Water Pump Equipped                                       | False        |  |
| 3.5 Liter V6 Engine                                                | False        |  |
| Power Steering Switch Equipped                                     | False        |  |
| Auxiliary Heater Electric Water Pump Equipped                      | False        |  |
| Fiat 940 Compact Equipped                                          | False        |  |
| Adaptive Cruise Control Equipped                                   | False        |  |
| Unleaded Gasoline Fuel                                             | True         |  |
| Active Engine Mount Equipped                                       | False        |  |
| 4.7 Liter V8 Engine                                                | False        |  |
| ICC Cruise Equipped                                                | False        |  |
| 6.4 Liter V8 Engine                                                | False        |  |
| Transmission Software Included                                     | False        |  |
| ETC Cruise equipped                                                | True         |  |
| Rear Heater Equipped                                               | False        |  |
| AC Equipped                                                        | False        |  |
| TIP Equipped                                                       | True         |  |
| Buffered Crank Output for ANC (Active Noise Cancellation) Equipped | True         |  |
| Buffered Crank Output for PHEV Engine Pulse Calculation Equipped   | True         |  |
| Continuous Variable Transmission Equipped                          | False        |  |
| SRV Equipped                                                       | False        |  |
| Dual Speed Fuel Pump Equipped                                      | False        |  |
| O2 Sensor Bank 1 Sensor 3 Equipped                                 | False        |  |
| Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped               | False        |  |
| 2 Speed Fan 3 Driver 3 Relay System Equipped                       | False        |  |
| Dual Fuel Tank Equipped                                            | False        |  |
| PWM Fan Motor System Equipped                                      | False        |  |
| Brake Pedal Sensor Equipped                                        | True         |  |
| Constant Heater Temperature Control Valve Equipped                 | False        |  |
| GPEC3 Equipped                                                     | False        |  |
| VLP Is Learnable Indicator                                         | False        |  |
| 1 Speed Fan Mechanical Relay System Equipped                       | False        |  |

|                                                      |           |  |
|------------------------------------------------------|-----------|--|
| Engine Oil Heater Cooler Equipped                    | True      |  |
| Fiat VIN Learning Strategy Equipped                  | False     |  |
| Mechanical Coolant Pump Heater Equipped              | False     |  |
| 2.0 Liter WI4 engine                                 | False     |  |
| VFS Actuators Available Indicator                    | False     |  |
| O2 Sensor Bank 1 Sensor 1 Equipped                   | True      |  |
| Coolant On-Off Valve Equipped                        | False     |  |
| 45RFE / 545RFE / 65RFE                               | False     |  |
| Vehicle Speed Sensor #1 Calculated by ECU            | False     |  |
| Shift Indicator Lamp Equipped                        | False     |  |
| Wide Range O2 Sensor 1/1 Equipped                    | True      |  |
| GPEC2 Equipped                                       | False     |  |
| Supercharger Equipped                                | False     |  |
| Variable Displacement AC Equipped                    | False     |  |
| 1.0 Liter I3 Engine                                  | False     |  |
| Electric Thermostat Heater Equipped                  | False     |  |
| 2 Speed Fan PWM Relay System Equipped                | False     |  |
| PTO System Equipped                                  | False     |  |
| High Side Port Tumble Valve Equipped                 | Undefined |  |
| Tumble Generator Valve Equipped                      | False     |  |
| 3.8 Liter V6 Engine                                  | False     |  |
| 3.0 Liter V6 Engine                                  | False     |  |
| Starter Relay 2 Equipped                             | False     |  |
| 40TE / 41TE / 41TEA                                  | False     |  |
| Wastegate H-Bridge Equipped                          | 01        |  |
| Linear EGR Equipped                                  | False     |  |
| ZF 9-Speed Transmission Equipped                     | False     |  |
| Direct Injection Equipped                            | True      |  |
| Cummins Equipped                                     | False     |  |
| 3.3 Liter V6 Engine                                  | False     |  |
| ESIM Equipped                                        | False     |  |
| Hybrid Electric Vehicle Equipped                     | True      |  |
| WI4 Variable Valve Timing Equipped                   | True      |  |
| Engine Idle Shutoff Equipped                         | False     |  |
| Intake Cam 1 Equipped                                | True      |  |
| O2 Sensor Bank 2 Sensor 1 Equipped                   | False     |  |
| 3.2 Liter V6 Engine                                  | False     |  |
| Cooled EGR Equipped                                  | True      |  |
| Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped | False     |  |
| VLP Equipped Indicator                               | False     |  |
| Low Temperature Radiator Coolant Pump Equipped       | False     |  |
| Dual Stage Oil Pump Equipped                         | True      |  |
| CUSW PROXI Write Programming Support Enabled         | True      |  |
| 6.1 Liter V8 Engine                                  | False     |  |

|                                                          |                              |  |
|----------------------------------------------------------|------------------------------|--|
| 42RLE                                                    | False                        |  |
| Humidity, Temperature and Pressure Sensor (LIN) Equipped | False                        |  |
| Compressed Natural Gas Equipped                          | False                        |  |
| HPT 6-Speed Transmission Equipped                        | False                        |  |
| Secondary Fuel Pump Equipped                             | False                        |  |
| Adaptive Cruise Control Hardware Equipped                | False                        |  |
| 2.7 Liter V6 Engine                                      | False                        |  |
| WI4 Intake Flow Control Valve Equipped                   | False                        |  |
| Engine Stop Start Equipped                               | False                        |  |
| Coolant On-Off Pump Equipped                             | True                         |  |
| MDS Equipped                                             | False                        |  |
| DUAL_ALTERNATOR_GEN1_LEARNEDCOPY                         | False                        |  |
| Next Gen Bus Equipped                                    | False                        |  |
| 2.4 Liter WI4 engine                                     | False                        |  |
| Transmission Oil Heater Equipped                         | False                        |  |
| Brushless PWM Fan Equipped                               | FAN_PWM_BOSCH_BRUSHLESS_CNFG |  |
| Auxiliary Coolant Pump Heater Equipped                   | Undefined                    |  |
| 2 Speed Fan Mechanical Relay System Equipped             | False                        |  |
| Aisin 6-Speed RWD Transmission Equipped                  | False                        |  |
| CMCV H-Bridge Equipped                                   | Undefined                    |  |
| Turbine Volute Valve Actuator Equipped                   | Undefined                    |  |
| MultiAir Equipped                                        | False                        |  |
| Active Grille Shutter Equipped                           | False                        |  |
| Intake Cam 2 Equipped                                    | False                        |  |
| Electronic Throttle Control Equipped                     | True                         |  |
| O2 Sensor Bank 1 Sensor 2 Equipped                       | True                         |  |
| Duty Cycle Purge Valve Equipped                          | True                         |  |
| Throttle Inlet Temp Sensor Equipped                      | True                         |  |
| Fixed displacement AC Equipped                           | False                        |  |
| Yaw Rate Sensor ESC Equipped                             | True                         |  |
| 3 Speed Fan Mechanical Relay System Equipped             | False                        |  |
| Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped     | False                        |  |
| Clutch Interlock Switch Equipped                         | False                        |  |
| Powernet Equipped                                        | False                        |  |
| Electric Coolant Valve Equipped                          | False                        |  |
| Electronic Automatic Transmission (EATX) Equipped        | False                        |  |
| 4 Button Integrated Cruise Control                       | False                        |  |
| Inrush Current Reduction Relay Equipped                  | False                        |  |
| 1.8 Liter WI4 engine                                     | False                        |  |
| Trans Reverse Lockout Equipped                           | False                        |  |
| CUSW (11-Bit) Equipped                                   | False                        |  |
| 4.0 Liter I6 Engine                                      | False                        |  |
| Sensorless FFV Enabled                                   | False                        |  |
| 3.7 Liter V6 Engine                                      | False                        |  |

|                                                  |       |  |
|--------------------------------------------------|-------|--|
| Knock Sensor 2 Equipped                          | True  |  |
| Battery Temp Sensor Equipped                     | False |  |
| GPEC2A Equipped                                  | False |  |
| Barometric Sensor Equipped                       | True  |  |
| Exhaust Cam 2 Equipped                           | False |  |
| AC Equipped Over Bus                             | False |  |
| 5.7 Liter V8 Engine                              | False |  |
| Linear Purge Equipped                            | False |  |
| Unleaded diesel fuel                             | False |  |
| Electronic Vacuum Pump Equipped                  | False |  |
| Dual Fuel Pressure Sensor Equipped               | False |  |
| Oil Pressure Sensor Enabled                      | True  |  |
| Fan Wake Up Relay System Equipped                | False |  |
| Turbocharger Equipped                            | True  |  |
| 62TE                                             | False |  |
| Wide Range O2 Sensor 2/1 Equipped                | False |  |
| MTV Solenoid Equipped                            | False |  |
| ERS Equipped Indicator                           | False |  |
| O2 Sensor Bank 2 Sensor 2 Equipped               | False |  |
| Electronic Coolant Pump Equipped                 | False |  |
| Variable Speed Fuel Pump Equipped                | True  |  |
| Engine Software In Package                       | True  |  |
| Vehicle Speed Sensor #1 Calculated from CAN      | False |  |
| Viscosity Sensor Equipped                        | False |  |
| VMM Equipped                                     | False |  |
| A/C Equipped                                     | True  |  |
| 6.2 Liter V8 Engine                              | False |  |
| CUSW (29-Bit) Equipped                           | False |  |
| GPEC4 Equipped                                   | True  |  |
| Secondary Air Equipped                           | False |  |
| Port Flap Valve Equipped                         | False |  |
| 66RFE / 68RFE                                    | False |  |
| TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED                | True  |  |
| Operator Idle Speed Request Equipped             | False |  |
| Police Package Equipped                          | False |  |
| Trans Skip Shift Equipped                        | False |  |
| Mass Airflow System Equipped                     | False |  |
| Operator Idle Speed Request Equipped             | False |  |
| INTAKE O2 SENSOR EQUIPPED                        | False |  |
| Clutch Sensor Equipped                           | False |  |
| 5 Button Cruise (LIN) Equipped                   | True  |  |
| LIN Humidity, Temp, and Pressure Sensor Equipped | False |  |
| Make Up Air Sensor Equipped                      | True  |  |
| Brake Pedal Sensor Equipped                      | True  |  |

|                                       |         |  |
|---------------------------------------|---------|--|
| Cylinder Pressure Sensor Equipped     | False   |  |
| SWAP HARDWIRED BRAKE SWITCH INPUTS    | True    |  |
| Power Steering Angle Sensor Mandatory | False   |  |
| Bi-Directional Crank Sensor Equipped  | True    |  |
| Dual Fuel Pressure Sensor Equipped    | False   |  |
| Throttle Inlet Temp Sensor Equipped   | True    |  |
| CUSW 4-Button Cruise Equipped         | False   |  |
| Remote Start Present                  | Present |  |

## ICS CONFIGURATION

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

## RFH CONFIGURATION

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

|                                                     |             |  |
|-----------------------------------------------------|-------------|--|
| Ignition system type connected                      | KIN system  |  |
| Remote Start Present                                | True        |  |
| Keyless Go                                          | True        |  |
| Back Up Customer Settings Menu 1 (CSM1)             | True        |  |
| Back Up Customer Settings Menu 2 (CSM2)             | True        |  |
| Back Up Vehicle Config 1                            | True        |  |
| Back Up ECU Configuration 13                        | True        |  |
| Back Up Vehicle Config 5                            | True        |  |
| Back Up ECU Configuration 2                         | True        |  |
| Back Up Vehicle Config 2                            | True        |  |
| Back Up ECU Configuration 10                        | True        |  |
| Back Up Vehicle Config 6                            | True        |  |
| Back Up Vehicle Config 7                            | True        |  |
| Back Up ECU Configuration 3                         | True        |  |
| Back Up ECU Configuration 4                         | True        |  |
| Back Up Vehicle Config 4                            | True        |  |
| Back Up ECU Configuration 14                        | True        |  |
| Back Up ECU Configuration 11                        | True        |  |
| Back Up ECU Configuration 6                         | True        |  |
| Back Up ECU Configuration 17                        | True        |  |
| Back Up Programmed ECUs: P/T Chassis Network        | True        |  |
| Back Up ECU Configuration 1                         | True        |  |
| Back Up ECU Configuration 15                        | True        |  |
| Back Up ECU Configuration 8                         | True        |  |
| Back Up ECU Configuration 16                        | True        |  |
| Back Up ECU Configuration 12                        | True        |  |
| Back Up ECU Configuration 9                         | True        |  |
| Back Up Programmed ECUs: Cabin Network              | True        |  |
| Back Up ECU Configuration 7                         | True        |  |
| Back Up Vehicle Config 3                            | True        |  |
| Back Up ECU Configuration 5                         | True        |  |
| Hardware Configuration: Remote Start Antenna        | Present     |  |
| Hardware Configuration: Front Left Door Handle H/W  | Serial AP   |  |
| Hardware Configuration: Trunk Door Handle H/W       | Serial AP   |  |
| Hardware Configuration: Rear Right Door Handle H/W  | No AP       |  |
| Hardware Configuration: Front Right Door Handle H/W | Serial AP   |  |
| Hardware Configuration: Rear Left Door Handle H/W   | No AP       |  |
| ECU Ship Status                                     | Normal Mode |  |

## DTCM CONFIGURATION

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

## IPC CONFIGURATION

| NAME                                         | VALUE | UNITS |
|----------------------------------------------|-------|-------|
| Main Fuel Tank Gauge - Full Stop Calibration | 0.000 | Volts |

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

## SCCM CONFIGURATION

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

## BCM CONFIGURATION

| NAME                                                          | VALUE         | UNITS |
|---------------------------------------------------------------|---------------|-------|
| Number of Reprogramming Attempts - Counter #0                 | 0             |       |
| Vehicle Configuration Programmed Status                       | True          |       |
| Last Programmed Status                                        | Manufacturing |       |
| Programmed Network Configuration - Audio / Telematics Network | 4             |       |
| ECU Configuration 3                                           | 4             |       |
| ECU Configuration 6 (Suspension)                              | 4             |       |
| Programmed ECUs: Cabin Network                                | 4             |       |
| ECU Configuration 15 (CBC Features)                           | 4             |       |
| ECU Configuration 8 (LIN and Miscellaneous )                  | 4             |       |
| Vehicle Configuration 7 - Write Counter                       | 4             |       |
| ECU Configuration 12                                          | 4             |       |
| Vehicle Configuration Auto Write Counter                      | 1             |       |
| ECU Configuration 4                                           | 4             |       |
| ECU Configuration 11                                          | 4             |       |
| ECU Configuration 6 (Brake)                                   | 4             |       |
| ECU Configuration 9 (ITM)                                     | 4             |       |
| ECU Configuration 5 (Wireless)                                | 4             |       |
| Vehicle Configuration 6 - Write Counter                       | 4             |       |
| ECU Configuration 5 (Memory)                                  | 4             |       |
| ECU Configuration 2 (CBC Features)                            | 4             |       |
| ECU Configuration 5 (Doors)                                   | 4             |       |
| Vehicle Config CSM1                                           | 4             |       |
| ECU Configuration 10                                          | 4             |       |
| ECU Configuration 14                                          | 4             |       |
| Programmed ECUs: P/T Chassis Network                          | 4             |       |

|                                                           |                                      |       |
|-----------------------------------------------------------|--------------------------------------|-------|
| Vehicle Configuration 1 - Write Counter                   | 4                                    |       |
| Vehicle Configuration 5 - Write Counter                   | 4                                    |       |
| Vehicle Config CSM2                                       | 4                                    |       |
| ECU Configuration 6 (Safety)                              | 4                                    |       |
| Vehicle Configuration 4 - Write Counter                   | 4                                    |       |
| ECU Configuration 1 (CBC Configurable Inputs and Outputs) | 4                                    |       |
| Vehicle Configuration 2 - Write Counter                   | 4                                    |       |
| ECU Configuration 7 (CBC Exterior Lighting Calibrations)  | 4                                    |       |
| Vehicle Configuration 3 - Write Counter                   | 10                                   |       |
| ECU Configuration 9A                                      | 4                                    |       |
| ECU Configuration 13                                      | 4                                    |       |
| Programmed ECUs: Hybrid LAN Network                       | 4                                    |       |
| ECU Configuration 15 (Suspension)                         | 4                                    |       |
| ECU Configuration 6 (Powertrain)                          | 4                                    |       |
| Last Configuration Odometer                               | 0                                    | miles |
| Remote Start Present                                      | Set                                  |       |
| Left/Right Hand Drive                                     | Left Hand Drive                      |       |
| Special Packages                                          | Default                              |       |
| Shifter Type                                              | 5 Pos Polystable Eshifter / Type PS5 |       |
| Auto Highbeam                                             | Not Set                              |       |
| PTS Configuration                                         | Semi Automatic / Semi Automatic      |       |
| Vehicle Line                                              | JL                                   |       |
| Emode Present                                             | Not Set                              |       |
| Model Year                                                | 2022                                 |       |
| Maximum Vehicle Speed                                     | 94                                   | MPH   |
| Hill Descent Feature Present                              | Not Set                              |       |
| Country Code                                              | USA                                  |       |
| Select Speed Control Feature Present                      | Set                                  |       |
| Drive Configuration                                       | Selectable 4wd                       |       |
| Performance Pages Present                                 | Not Present                          |       |
| Body Style                                                | 4-Door Hatchback                     |       |
| SKIM System Present                                       | Not Set                              |       |
| Power Inverter Type                                       | No Power Inverter                    |       |
| Rain Sensor Present                                       | Not Set                              |       |
| Off Road Capable                                          | Not Set                              |       |
| Air Conditioning Present                                  | Set                                  |       |
| Max Load Inflation Pressure Front Tire                    | 37.0                                 | PSI   |
| Full Size Spare                                           | Set                                  |       |
| Max Load Inflation Pressure Rear Tire                     | 37.0                                 | PSI   |
| Cruise Feature is Present                                 | Set                                  |       |
| Thatcham Present                                          | Not Set                              |       |
| Special Packages                                          | Wrangler Rubicon / Wrangler Rubicon  |       |
| Flipper Glass Present                                     | Not Set                              |       |
| Light Load Inflation Pressure Rear Tire                   | 0.0                                  | PSI   |

|                                               |                                                |         |
|-----------------------------------------------|------------------------------------------------|---------|
| Secondary Lock Present                        | Not Set                                        |         |
| Door Alert Feature Present                    | Not Set                                        |         |
| Vehicle Brand                                 | Jeep                                           |         |
| Passive Entry Present                         | Set                                            |         |
| HVAC Configuration                            | Dual Zone ATC                                  |         |
| Chassis Type                                  | Type 83                                        |         |
| ESCL system present                           | Not Set                                        |         |
| Paddle Shift Feature Present                  | Not Set                                        |         |
| Display Outside Temperature Present           | Set                                            |         |
| ELV Present                                   | Not Set                                        |         |
| T-Case Type                                   | Transfer Case 246 / Transfer Case 246          |         |
| Interior EC Mirror Present                    | Set                                            |         |
| RKE System Present                            | Set                                            |         |
| Fuel Capacity                                 | 17                                             | gallons |
| Wheel Base                                    | Long wheel base (140" & 149" Ram Truck) / LONG |         |
| Power Lift Gate Present                       | Not Set                                        |         |
| FOBIK Safe Enable                             | Set                                            |         |
| Display Compass Heading Present               | Set                                            |         |
| Sunshade Present                              | Not Set                                        |         |
| Collision Mitigation System present           | Not Set                                        |         |
| Window Express Feature Configuration          | Drivers window express only                    |         |
| Base TPM system present                       | Not Set                                        |         |
| Power Left Sliding Door Present               | Not Set                                        |         |
| Two Fuel Sending Units Present                | Not Set                                        |         |
| Auto Headlamp Feature Present                 | Set                                            |         |
| Auto Park Present                             | Set                                            |         |
| Forward Collision Warning present             | Not Set                                        |         |
| Keyless Go Present                            | Set                                            |         |
| Liftgate/Trunk Type                           | Manual Liftgate                                |         |
| Sport Mode Present                            | Not Set                                        |         |
| Premium TPM system present                    | Set                                            |         |
| Power Right Sliding Door Present              | Not Set                                        |         |
| Police Lighting Feature                       | Not Set                                        |         |
| Adjustable Pedal Feature Present (non-Memory) | Not Set                                        |         |
| Disable Display of Radio Clock                | Not Set                                        |         |
| Vehicle is an SRT                             | Not Set                                        |         |
| High Intensity Discharge Head Lamps           | Not Set                                        |         |
| Transfer Case Low Range Reduction Ratio       | 4.000                                          |         |
| Transfer Case High Ratio                      | 1.000                                          | No Unit |
| Dynamic Tire Circumference (All or Rear)      | 98                                             | inch    |
| Axle Ratio                                    | 4.100                                          |         |
| Dual Rear Wheel (DRW) Vehicle Present         | Not Set                                        |         |
| Steering Ratio at Positive Angle 5            | 0.0                                            | No Unit |
| Steering Ratio at zero                        | 0.0                                            | No Unit |

|                                                               |                               |         |
|---------------------------------------------------------------|-------------------------------|---------|
| Non-Regulated Tire Pressure Information System (TPIS) Present | Not Set                       |         |
| Steering Ratio at Positive Angle 1                            | 0.0                           | No Unit |
| Steering Ratio at Positive Angle 4                            | 0.0                           | No Unit |
| Steering Ratio at Positive Angle 2                            | 0.0                           | No Unit |
| Steering Ratio at Positive Angle 3                            | 0.0                           | No Unit |
| Air Quality System Present                                    | Not Set                       |         |
| Steering Ratio at Negative Angle 5                            | 0.0                           | No Unit |
| Analog Door Sensor Configuration                              | All Doors have Analog Sensors |         |
| Steering Ratio at Negative Angle 1                            | 0.0                           | No Unit |
| Steering Ratio at Negative Angle 3                            | 0.0                           | No Unit |
| Steering Ratio at Negative Angle 4                            | 0.0                           | No Unit |
| Steering Ratio at Negative Angle 2                            | 0.0                           | No Unit |
| Reserved - Pin E21                                            | Not Set                       |         |
| Park Brake Input Present - Pin E11                            | Set                           |         |
| Low Beam Output Present - Pin A3, D2                          | Set                           |         |
| Reserved - F21                                                | Not Set                       |         |
| VTA Warning LED Output Present - Pin G22                      | Set                           |         |
| Run-ACC Y Relay #2 Output Present - Pin E9                    | Set                           |         |
| Hood Ajar Switch Input Present - Pin A11                      | Set                           |         |
| Front Fog Lamps Output Present - Pin A1 & D13                 | Set                           |         |
| Rear Park Lamps Output Present - Pin E4 & F32                 | Set                           |         |
| Trailer Backup Lamps Output Present - Pin E23                 | Set                           |         |
| Rear Fog Lamps Output Present - Pin E39 & F5                  | Not Set                       |         |
| Reserved - Pin G12                                            | Not Set                       |         |
| Reserved - Pin D20                                            | Not Set                       |         |
| Diesel Cabin Heater #2 Output Present - Pin D9                | Not Set                       |         |
| Reserved - Pin E15                                            | Not Set                       |         |
| Reserved - Pin E35                                            | Not Set                       |         |
| Gated Park ZFII Output Present - Pin D-24                     | Set                           |         |
| Diesel Cabin Heater #3 Output Present - Pin D10               | Not Set                       |         |
| Left Rear Door Ajar Input Present - Pin F23                   | Set                           |         |
| Right Dedicated DRL Lamp Output Present - Pin A22             | Set                           |         |
| Inverter Enable Relay Output Present - Pin F35                | Set                           |         |
| Hard Top Sense Present - Pin E14                              | Set                           |         |
| Reserved - Pin F4                                             | Not Set                       |         |
| Side Markers Output Present - Pin A10 & D5                    | Set                           |         |
| Starter Relay Lowside Coil Drive - Pin D7                     | Not Set                       |         |
| Foot Well Lamps Output Present - Pin G24                      | Set                           |         |
| Passenger Door Ajar Signal Present - Pin G18                  | Set                           |         |
| Horn Switch Input Present - Pin F29                           | Set                           |         |
| Ambient Temperature Sensor Present - Pin D22                  | Set                           |         |
| Reserved - E20                                                | Not Set                       |         |
| Reserved - Pin E47                                            | Not Set                       |         |
| Ambient Light Dimmer Wheel Input Present Pin G9               | Set                           |         |

|                                                      |                                      |  |
|------------------------------------------------------|--------------------------------------|--|
| Diesel Cabin Heater #1 Output Present - Pin D11      | Not Set                              |  |
| Left Dedicated DRL Lamps Output Present - Pin D15    | Set                                  |  |
| UGDO Feed Output Present - Pin G15                   | Set                                  |  |
| Rear Turn Lamps Output Present - Pin E3 & F42        | Not Set                              |  |
| Flipper Glass #2 Output Present                      | Not Set                              |  |
| Front Driver Analog Door Ajar Input Present - Pin F9 | Set                                  |  |
| Rear Wiper Motor Park Present - Pin E29              | Set                                  |  |
| LED Dedicated DRL Present                            | Set                                  |  |
| DRL Lamp Location                                    | Dedicated                            |  |
| LED Front Fog Lamps Present                          | Set                                  |  |
| LED Front Turn Lamps Present                         | Set                                  |  |
| One Touch Lane Change                                | Set                                  |  |
| LED Rear Fog Lamps Present                           | Set                                  |  |
| Horn Chirp Allowed                                   | Set                                  |  |
| LED Tail Lamps Present                               | Set                                  |  |
| Park Lamp Loadshed Enable                            | Set                                  |  |
| DRL Dropout Enable                                   | Set                                  |  |
| Wiper Service Position Enabled                       | Not Set                              |  |
| Single Element Tail Lamp                             | Not Set                              |  |
| Intermittent Wiper States                            | 4 Intermittent Wiper position Switch |  |
| LED High Beam Lamps Present                          | Set                                  |  |
| Exterior Light Loadshed Enable                       | Set                                  |  |
| LED CHMSL Lamp Present                               | Set                                  |  |
| LED Reverse Lamps Present                            | Set                                  |  |
| Door Lock Switch Signal FT RT Usage (F23)            | Reserved                             |  |
| Reversible Washer Pump Enable                        | Set                                  |  |
| Military Vehicle Present                             | Not Set                              |  |
| Front Wiper Wipes After Wash                         | 2 Wipes                              |  |
| Door Lock Switch Signal FT LT Usage (F9)             | Reserved                             |  |
| LED Rear Turn Lamps Present                          | Set                                  |  |
| LED License Lamps Present                            | Set                                  |  |
| Bi Xenon Headlamps Enable                            | Not Set                              |  |
| Side Repeaters Enable                                | Not Set                              |  |
| Combined Rear Lighting Enable                        | Set                                  |  |
| Trailer Tow Present                                  | Set                                  |  |
| Rear Wiper Park Enable                               | Set                                  |  |
| Front Fog Lamp Dropout Enable                        | Set                                  |  |
| DRL Configuration                                    | Optional DRL                         |  |
| Quad Headlamps Enable                                | Set                                  |  |
| Tip Start Enabled                                    | Set                                  |  |
| Tunnel Detection                                     | Not Set                              |  |
| LED Front Park/Marker Lamps Present                  | Set                                  |  |
| Hazard Lamp Configuration                            | Latching Switch                      |  |
| LED Low Beam Lamps Present                           | Set                                  |  |

|                                                   |                                          |  |
|---------------------------------------------------|------------------------------------------|--|
| Headlamp Washer Low Fluid Shut-Off Enable         | Not Set                                  |  |
| Front Wiper Park Enable                           | Set                                      |  |
| LED Stop Lamps Present                            | Set                                      |  |
| Headlamp Wash Shot                                | Single                                   |  |
| Headlamp Wash Interval                            | wash cycle#11                            |  |
| Dual Start Relay System Present                   | Not Set                                  |  |
| Heated Steering Wheel Present                     | Set                                      |  |
| External Port Type                                | AUX + USB + extra USB                    |  |
| SDAR Travel Link Present                          | Set                                      |  |
| Microphone Tuning Parameter                       | Absent                                   |  |
| Surround Sound Feature Present                    | Not Set                                  |  |
| CTP Max AC Present                                | Not Set                                  |  |
| Radio Display On/Off Softkey Present              | Not Set                                  |  |
| Destination                                       | United States of America                 |  |
| Power Inverter Present                            | Set                                      |  |
| DTV Side Camera Present                           | Not Set                                  |  |
| Hill Descent Control Present                      | Not Set                                  |  |
| Hybrid Electric Powertrain Present                | Not Set                                  |  |
| Radio Apps Present                                | Not Set                                  |  |
| Front Heated Seats Present                        | Set                                      |  |
| VIN Check Digit Diable                            | Not Set                                  |  |
| Microphone Type                                   | Peiker 300 mv                            |  |
| Antenna Type                                      | Passive Primary and no secondary antenna |  |
| Power Door Locks Present                          | Set                                      |  |
| Rear Camera Present                               | Not Set                                  |  |
| CTP Easy Entry Enable                             | Not Set                                  |  |
| Disable CD Eject                                  | Not Set                                  |  |
| Cabin Equilization Curve Number                   | JL 4 Door Premium Top On (Alpine 12ch)   |  |
| Front Park Assist Present                         | Not Set                                  |  |
| Splashscreen Type                                 | Vehicle Brand                            |  |
| DAB Present                                       | Not Set                                  |  |
| CTP Passive Entry Present                         | Set                                      |  |
| Front Ventilated Seats Present                    | Not Set                                  |  |
| CTP Auto Lock Disable                             | Not Set                                  |  |
| Hill Start Assist Customer Setting Option Present | Set                                      |  |
| Tow Haul Present                                  | Not Set                                  |  |
| Vehicle Theft Alarm Present                       | Not Set                                  |  |
| Audio Steering Wheel Switch Configuration         | Core Steering Wheel                      |  |
| Microphone Configuration                          | 2 Microphones                            |  |
| DTV Front Camera Present                          | Not Set                                  |  |
| ERS Available                                     | not available                            |  |
| AMB Dimmer                                        | not available                            |  |
| Temperature Celsius for UK                        | Not Set                                  |  |
| Max Gear                                          | Eighth gear                              |  |

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

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

|                                                   |                                             |  |
|---------------------------------------------------|---------------------------------------------|--|
| Hybrid Type                                       | PHEV                                        |  |
| PTC Present                                       | Not Set                                     |  |
| AGS Feature Present                               | Not Set                                     |  |
| TPMS Configuration                                | Logic 1 NHTSA Enable Warning                |  |
| Transmission Equipped                             | Automatic transmission / AUTOMATIC          |  |
| Glovebox Control                                  | Not Set                                     |  |
| TSBM Module Present                               | Not Set                                     |  |
| Temperature Display Resolution                    | Set                                         |  |
| Glare Free Present                                | Not Set                                     |  |
| Brake Type                                        | Reserved                                    |  |
| Park Brake Type                                   | Mechanical park brake - hand or foot / MECH |  |
| Suspension Type                                   | Reserved                                    |  |
| Axle Locker Configuration                         | Front and Rear Axle Locker / FTRR           |  |
| Performance shift enable customer settings menu   | Not Set                                     |  |
| EPB service mode customer settings menu           | Not Set                                     |  |
| Rain sensitive wipers customer settings menu      | Not Set                                     |  |
| Electric power steering customer settings menu    | Not Set                                     |  |
| Lane departure torque customer settings menu      | Not Set                                     |  |
| Auto door lock customer settings menu             | Set                                         |  |
| Air suspension warning customer settings menu     | Not Set                                     |  |
| Unit set customer settings menu                   | Set                                         |  |
| Park assist brake customer settings menu          | Not Set                                     |  |
| Headlamp off delay customer settings menu         | Set                                         |  |
| Auto entry exit mode customer settings menu       | Not Set                                     |  |
| Consumption unit customer settings menu           | Set                                         |  |
| Park assist front volume customer settings menu   | Not Set                                     |  |
| Pressure unit customer settings menu              | Set                                         |  |
| Compass variance customer settings menu           | Not Set                                     |  |
| Headlamp drop customer settings menu              | Not Set                                     |  |
| Power unit customer settings menu                 | Not Set                                     |  |
| Blind spot alert customer settings menu           | Not Set                                     |  |
| Rear view camera gridlines customer settings menu | Feature not present / Absent                |  |
| Compass calibration customer settings menu        | Not Set                                     |  |
| Power accessory delay customer settings menu      | Set                                         |  |
| Lane departure warning customer settings menu     | Not Set                                     |  |
| Easy exit seat customer settings menu             | Not Set                                     |  |
| Ambient dimmer customer settings menu             | Not Set                                     |  |
| Clock display customer settings menu              | Set                                         |  |
| Rear camera customer settings menu                | Not Set                                     |  |
| Auto high beam customer settings menu             | Not Set                                     |  |
| Auxiliary switches customer settings menu         | Switch 1 - 4 Option / Switch 1 - 4 Option   |  |
| Power take off customer settings menu             | Not Set                                     |  |
| Passive entry customer settings menu              | Set                                         |  |
| Headlamps on with wiper customer settings menu    | Set                                         |  |

|                                                            |                                             |    |
|------------------------------------------------------------|---------------------------------------------|----|
| Auto on driver comfort customer settings menu              | Feature 2 - 3 Option / Feature 2 - 3 Option |    |
| Tire jack mode customer settings menu                      | Not Set                                     |    |
| Automatic aero mode customer settings menu                 | Not Set                                     |    |
| Illuminated approach customer settings menu                | Set                                         |    |
| Park assist customer settings menu                         | Feature not present / Absent                |    |
| Power liftgate chime customer settings menu                | Not Set                                     |    |
| Park assist rear volume customer settings menu             | Not Set                                     |    |
| Distance unit customer settings menu                       | Set                                         |    |
| Auto park customer settings menu                           | Not Set                                     |    |
| Forward collision warning customer settings menu           | Feature not present / Absent                |    |
| Speed unit customer settings menu                          | Set                                         |    |
| Torque unit customer settings menu                         | Not Set                                     |    |
| Teen Key Automatic High Beam Customer Settings Menu        | Not Set                                     |    |
| RKE unlock customer settings menu                          | Set                                         |    |
| Tilt mirror in reverse customer settings menu              | Not Set                                     |    |
| Rear view camera delay customer settings menu              | Set                                         |    |
| Passenger Airbag On/Off Customer Settings Menu             | Not Set                                     |    |
| Teen Key Fuel Pop-up Customer Settings Menu                | Not Set                                     |    |
| Doors and Engine Off Power Delay Customer Settings Menu    | Set                                         |    |
| Forward Collision Warning and Brake Customer Settings Menu | Not Set                                     |    |
| Surround View Camera On/Off Softkey Present                | Not Set                                     |    |
| Trailer Hitch Camera Present                               | Set                                         |    |
| Auto Dimming Mirror Hard Button Present                    | Not Set                                     |    |
| DTV Present                                                | Not Set                                     |    |
| Clari-Fi Present                                           | Not Set                                     |    |
| Rear Defrost and Heated Mirrors Present                    | Both                                        |    |
| Show Phone Information in Cluster                          | Set                                         |    |
| Automatic Crash Notification Feature Present               | Not Set                                     |    |
| Radio Speaker Open Circuit Disable (LR)                    | Not Set                                     |    |
| Radio Speaker Open Circuit Disable (RR)                    | Not Set                                     |    |
| Tri-State Comfort Climate Softkey Function Present         | Set                                         |    |
| ANC Calibration Parameter Data Set                         | 46594                                       | ms |
| Radio Speaker Open Circuit Disable (LF)                    | Not Set                                     |    |
| Drive Mode Version                                         | Version 1                                   |    |
| Radio Speaker Open Circuit Disable (RF)                    | Not Set                                     |    |
| Park Assist Tuning Set                                     | Rubicon                                     |    |
| Siren                                                      | Not Set                                     |    |
| Tilt                                                       | Not Set                                     |    |
| Ultrasonics                                                | Not Set                                     |    |
| RFH                                                        | Set                                         |    |
| IPC                                                        | Set                                         |    |
| PCM                                                        | Set                                         |    |
| EPS                                                        | Set                                         |    |
| OCM                                                        | Set                                         |    |

|                                                          |                            |         |
|----------------------------------------------------------|----------------------------|---------|
| DPDM                                                     | Set                        |         |
| DTCM                                                     | Set                        |         |
| ESM                                                      | Set                        |         |
| BCM (PT)                                                 | Set                        |         |
| ITBM                                                     | Not Set                    |         |
| TPM                                                      | Not Set                    |         |
| ABS                                                      | Not Set                    |         |
| TCM                                                      | Set                        |         |
| AFLS                                                     | Not Set                    |         |
| ANC                                                      | Not Set                    |         |
| AHLM/AFLS                                                | Not Set                    |         |
| ORC                                                      | Set                        |         |
| SCCM                                                     | Set                        |         |
| PTS                                                      | Not Set                    |         |
| SGW                                                      | Set                        |         |
| ASCM                                                     | Not Set                    |         |
| ELSD                                                     | Not Set                    |         |
| ASBS                                                     | Set                        |         |
| Tachometer Type                                          | Tachometer Type 1 / Type 1 |         |
| Increasing speed constant                                | Increasing 0 KPH           |         |
| Speedometer Tolerance                                    | 0 Percent Tolerance        |         |
| Steering C Factor                                        | Type 3                     |         |
| Rear Defrost Presence                                    | Present                    |         |
| Heated Mirrors Present                                   | Present                    |         |
| Engine Displacement                                      | Signal Not Available / SNA |         |
| EVIC Switch Module Present                               | Set                        |         |
| VTA System Present                                       | VTA                        |         |
| Illuminated Approach Interior Lighting Target Percentage | 100 (50%)                  |         |
| Washer Fluid Level Voltage Threshold                     | 4.46 volts                 |         |
| Manual Trans Present                                     | Not Set                    |         |
| Compass Mounting Angle                                   | 0                          | Degree  |
| Compass Mounting Orientation                             | Upside Down                |         |
| DC to DC Converter #2 Present                            | Not Set                    |         |
| IBS Present                                              | Set                        |         |
| Illuminated Approach Interior Lighting Ramp Up Time      | 130(2600ms)                |         |
| Panic Enable                                             | Set                        |         |
| Humidity Sensor Present                                  | Not Set                    |         |
| Auto Relock Time                                         | 60                         | seconds |
| ASBMM Present                                            | Set                        |         |
| Illuminated Approach Taillamp Target Percentage          | 165 (82.50%)               |         |
| DC to DC Converter Present                               | Not Set                    |         |
| ASBM Present                                             | Set                        |         |
| Illuminated Approach Headlamp Target Percentage          | 165 (82.50%)               |         |
| CRVMM Present                                            | Set                        |         |

|                                                   |                |      |
|---------------------------------------------------|----------------|------|
| Reserved                                          | Reserved       |      |
| 2nd Row Seat Airbags Present                      | False          |      |
| Tow Hooks Present                                 | True           |      |
| Passenger Kneebag Present                         | False          |      |
| Integrated EPP Present                            | False          |      |
| Driver Kneebag Present                            | False          |      |
| BUX vehicle                                       | False          |      |
| Reserved                                          | Reserved       |      |
| Curtain Airbags Present                           | False          |      |
| ODS Present                                       | False          |      |
| Passive Ped Pro Present                           | False          |      |
| BCM (Interior Bus)                                | Set            |      |
| ITM                                               | Not Set        |      |
| HVAC                                              | Set            |      |
| PTCM                                              | Not Set        |      |
| LBSM                                              | Not Set        |      |
| HSM                                               | Set            |      |
| RBSM                                              | Not Set        |      |
| TBM                                               | Not Set        |      |
| AMP                                               | Set            |      |
| HVAC_R                                            | Not Set        |      |
| Radio                                             | Set            |      |
| EDM                                               | Not Set        |      |
| Right Low Beam Voltage Regulation                 | 13.6 Volts     |      |
| Signature Light Present                           | Present        |      |
| Dual Filament Headlamp                            | Not Present    |      |
| Left High Beam Voltage Regulation                 | 13.6 Volts     |      |
| Auto Headlamp On Threshold                        | 3.31409        | Volt |
| Left Low Beam Voltage Regulation                  | 13.6 Volts     |      |
| Right Front Corner Voltage                        | 13.6 Volts     |      |
| Left Rear Corner Voltage                          | 12.8 Volts     |      |
| Right High Beam Voltage Regulation                | 13.6 Volts     |      |
| Right Rear Corner Voltage                         | 12.8 Volts     |      |
| Auto Headlamp Off Threshold                       | 2.54930        | Volt |
| Front Turn Lamp Diagnostics                       | Present        |      |
| Left Front Corner Voltage                         | 13.6 Volts     |      |
| Left Front Lamp Diagnostics Present - Pin F25     | Set            |      |
| Backup Reverse Lamp Right Present - Pin E1        | Set            |      |
| Stop/Turn Lamp or Stop Lamp Present Pin E2 & F40  | Stop/Turn Lamp |      |
| Right High Beam Present - Pin A2                  | Set            |      |
| Right Front Lamp Diagnostics Present - Pin F28    | Set            |      |
| Brake Fluid Level Switch Signal Present - Pin D21 | Not Set        |      |
| Backup Reverse Lamp Left Present - Pin F41        | Set            |      |
| Left High Beam Present - Pin D1                   | Set            |      |

|                                                    |     |  |
|----------------------------------------------------|-----|--|
| Left Rear Turn Lamp Diagnostics Present - Pin F27  | Set |  |
| Right Rear Turn Lamp Diagnostics Present - Pin F31 | Set |  |

**RADIO CONFIGURATION**

| NAME                                          | VALUE        | UNITS   |
|-----------------------------------------------|--------------|---------|
| GPS on the Bus messaging Authorization        | Allowed      |         |
| Compass on the bus messaging Authorization    | Allowed      |         |
| Satellite Subscription Status                 | Subscribed   |         |
| Satellite Subscription ID                     | CDGK0E4A     |         |
| Satellite Subscription Reason Code            | 00           |         |
| Satellite Subscription Suspend Day            | 01           |         |
| Satellite Subscription Suspend Month          | 01           |         |
| Satellite Subscription Suspend Year           | 46           |         |
| Aux Jack                                      | Not Inserted |         |
| SD Card Readers Detected                      | 0            | No Unit |
| Enumerated USB Devices                        | 0            | No Unit |
| USB Hubs Detected                             | 1            | No Unit |
| DTV Short Term Configuration                  | —            |         |
| 911 Button                                    | On           |         |
| Splash Screen                                 | Jeep         |         |
| Cabin EQ Curve Number Currently Used by Radio | B6           |         |
| Clock Defeat                                  | Off          |         |
| Anti-Theft Enable Status                      | On           |         |
| 12/24 Time Selection                          | 12 Hour Time |         |
| Front Seat Video Playback                     | Enabled      |         |
| Automated Loudness                            | On           |         |
| SDARS                                         | True         |         |
| Navigation Active                             | True         |         |
| Cellular                                      | True         |         |
| Application Framework                         | True         |         |
| Bluetooth                                     | True         |         |
| Internal CD Player                            | False        |         |
| FM Diversity                                  | False        |         |
| Wi-Fi                                         | True         |         |

**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** 2022 JEEP WRANGLER 2.0L I4 DOHC DI TURBO PHEV ENGINE  
**VIN** [REDACTED]

**Odometer** 511.9 miles  
**Publication Date** Apr 6, 2022, 7:25:49 AM

## ECU SUMMARY INFO

| ECU   | NAME                             | BUS TYPE | FLASH PART # | CURRENT VIN | ORIGINAL VIN | PART #     |
|-------|----------------------------------|----------|--------------|-------------|--------------|------------|
| TCM   | Transmission Control Module      | CAN-C    | 68563825AB   | [REDACTED]  | [REDACTED]   | 68563825AB |
| PCM   | Powertrain Control Module        | CAN-C    | 05188195AC   | [REDACTED]  | [REDACTED]   | 05188195AC |
| ASBS  | Automatic Sway Bar System        | CAN-C    | 68570943AA   |             |              | 68570943AA |
| ICS   | Integrated Center Stack          | CAN-I    | 6SX95DX9AE   | [REDACTED]  | [REDACTED]   | 6SX95DX9AE |
| RFH   | Radio Frequency Hub              | CAN-C    | 56029925AB   | [REDACTED]  | [REDACTED]   | 56029925AB |
| ESM   | Electronic Shifter               | CAN-C    | 04670716AD   |             | [REDACTED]   | 04670716AD |
| DTCM  | Drive Train Control Module       | CAN-C    | 68547689AB   | [REDACTED]  | [REDACTED]   | 68547689AB |
| ORC   | Occupant Restraint               | CAN-C    | 68526670AB   | [REDACTED]  | [REDACTED]   | 68526670AB |
| EPS   | Electric Power Steering          | CAN-C    | 68529427AC   | [REDACTED]  | [REDACTED]   | 68529427AC |
| HVAC  | Heat, Ventilation and A/C        | CAN-I    | 52080486AB   | [REDACTED]  | [REDACTED]   | 52080486AB |
| CSWM  | Comfort Seat Wheel Module        | CAN-I    | 68530204AB   | [REDACTED]  | [REDACTED]   | 68530204AB |
| AMP   | Amplifier                        | CAN-I    | 68549084AB   | [REDACTED]  | [REDACTED]   | 68549084AB |
| IPC   | Instrument Panel Cluster         | CAN-C    | 68525023AA   | [REDACTED]  | [REDACTED]   | 68525023AA |
| SCCM  | Steering Column Control Module   | CAN-C    | 68526258AA   | [REDACTED]  | [REDACTED]   | 68526258AA |
| BCM   | Body Controller                  | CAN-C    | 68525356AC   | [REDACTED]  | [REDACTED]   | 68525356AC |
| RADIO | Radio                            | CAN-I    | 68472587AJ   | [REDACTED]  | [REDACTED]   | 68472587AJ |
| OCM   | Occupant Classification          | CAN-C    | 68403128AA   | [REDACTED]  | [REDACTED]   | 68403128AA |
| BPCM  | Battery Pack Control Module      | CAN-C    | 05193168AH   | [REDACTED]  | [REDACTED]   | 05193168AH |
| HCP   | Hybrid Control Processor         | CAN-C    | 68540073AB   | [REDACTED]  | [REDACTED]   | 68540073AB |
| CVPM  | Central vision processing module | CAN-I    | 68551941AA   | [REDACTED]  | [REDACTED]   | 68551941AA |

|      |                                    |       |            |  |  |            |
|------|------------------------------------|-------|------------|--|--|------------|
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 68540084AB |  |  | 68540084AB |
| ABSO | Anti Lock Brakes OBD               | CAN-C | 68532850AC |  |  | 68532850AC |
| SGW  | Security Gateway Module            | CAN-C | 68532299AB |  |  | 68532299AB |
| DPDM | Driver Presence Detection Module   | CAN-C | 68403129AA |  |  | 68403129AA |
| IDCM | Integrated Dual Charge Module      | CAN-C | 05185035AQ |  |  | 05185035AQ |

## ECU SUMMARY INFO (CONT...)

| ECU   | COUNTRY CODE        | HARDWARE VERSION | SOFTWARE VERSION | IDENT | CVNS                             |
|-------|---------------------|------------------|------------------|-------|----------------------------------|
| TCM   | USA / USA           | 13 05 0E         | 15 2B 00         | 4700  | 5033262D                         |
| PCM   | USA                 | 1D 47            | 21 22 00         | 4928  | A51CF452                         |
| ASBS  | USA                 | 10 01 00         | 15 0E 01         | 4500  |                                  |
| ICS   | USA                 | 10 1E 00         | 14 33 00         | 4802  |                                  |
| RFH   | USA / USA           | 10 17 00         | 15 1D 00         | 4604  |                                  |
| ESM   | USA                 | 15 18 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         | 15 01 01         | 4420  |                                  |
| CSWM  | USA                 | 11 2A 00         | 15 06 00         | 4202  |                                  |
| AMP   | USA                 | 21 01 01         | 15 16 00         | 4034  |                                  |
| IPC   | USA                 | 17 17 01         | 15 0B 01         | 4805  |                                  |
| SCCM  | USA                 | 13 28 00         | 13 29 00         | 4301  |                                  |
| BCM   | USA                 | 0D 11 00         | 15 21 50         | 4630  |                                  |
| RADIO | USA                 | 15 20 14         | 15 20 14         | 8205  |                                  |
| OCM   | USA                 | 11 31 01         | 11 07 04         | 4060  |                                  |
| BPCM  | Rest of world / ROW | 13 0C 04         | 15 24 42         | 5701  | 49906456                         |
| HCP   | USA                 | 15 0C 04         | 15 29 01         | 5403  | 6F5143CE<br>20A924DE<br>4C99835C |
| CVPM  | USA                 | 11 27 01         | 15 09 00         | 4012  |                                  |
| AHCP  | USA                 | 15 0C 04         | 14 33 01         | 5600  |                                  |
| ABSO  | USA                 | 15 26 00         | 15 22 03         | 4300  | D74722B2                         |
| SGW   |                     | 5                | 1125             | 4103  |                                  |
| DPDM  | USA                 | 11 31 01         | 11 0F 04         | 4510  |                                  |
| IDCM  | USA                 | 15 0E 00         | 15 28 00         | 4000  |                                  |

## DTC SUMMARY

| ECU   | DTC CODE | DTC DESCRIPTION                             | STATUS  |
|-------|----------|---------------------------------------------|---------|
| RADIO | U0002-00 | CAN C Bus Off Performance-                  | Stored  |
| HCP   | P0C19-00 | Drive Motor A Torque Delivered Performance- | Pending |
| HCP   | P1B03-00 | Resolver Signal / MCPA Rationality-         | Pending |

|      |          |                                                           |        |
|------|----------|-----------------------------------------------------------|--------|
| ABSO | U0594-00 | Implausible Data Received From Hybrid Control Module "A"- | Stored |
|------|----------|-----------------------------------------------------------|--------|

## ENVIRONMENTAL DATA SUMMARY

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

| NAME                                     | VALUE      | UNITS |
|------------------------------------------|------------|-------|
| DTCTable                                 | C0 02 00   |       |
| TestFailed                               | False      |       |
| TestFailedThisMonitoringCycle            | True       |       |
| Pending DTC                              | True       |       |
| Confirmed DTC                            | True       |       |
| Test Not Completed This Monitoring Cycle | False      |       |
| Warning Indicator Requested              | False      |       |
| DTCExtendedDataRecordNumber              | FF         |       |
| Occurance Flag                           | Occurrence |       |
| Reserved                                 | Reserved   |       |
| Original Odometer Value                  | 507        | miles |
| Most Recent Odometer Value               | 507        | miles |
| Frequency Counter                        | 2          |       |
| Ignition Counter                         | 0          |       |
| RDI \$6080                               | 60 80      |       |
| Event Counter                            | 64         |       |

### HCP | P0C19-00 | Pending | Drive Motor A Torque Delivered Performance-

| NAME                                    | VALUE    | UNITS |
|-----------------------------------------|----------|-------|
| DTC                                     | 0C 19 00 |       |
| Test Failed                             | False    |       |
| Test Failed This Operation Cycle        | False    |       |
| Pending DTC                             | True     |       |
| Confirmed DTC                           | False    |       |
| Test Not Completed Since Last Clear     | False    |       |
| Test Failed Since Last Clear            | True     |       |
| Test Not Completed This Operation Cycle | False    |       |
| Warning Indicator Requested             | False    |       |
| DTC Extended Data Record Number         |          |       |
| Occurrence flag                         |          |       |
| Original Odometer Value                 |          | miles |
| Most Recent Odometer Value              |          | miles |
| Frequency Counter                       |          |       |
| Ignition Cycle Counter                  |          |       |
| Microcontroller reset reason - Core 0   |          |       |
| Microcontroller reset reason - Core 1   |          |       |
| Real time clock                         |          | sec   |
| RAM stamps keyOn                        |          | sec   |

|                                                 |  |       |
|-------------------------------------------------|--|-------|
| RAM Stamps                                      |  | Min   |
| Accelerator Pedal Position                      |  | %     |
| Engine Coolant Temperature                      |  | °F    |
| Engine Speed                                    |  | rpm   |
| Vehicle Speed                                   |  | MPH   |
| HV Battery SOC                                  |  | %     |
| Brake Switch Status                             |  |       |
| Battery Feed Voltage 1 Sense                    |  | Volts |
| Battery Feed Voltage 2 Sense                    |  | Volts |
| Battery Feed Voltage 3 Sense                    |  | Volts |
| Internal EPS Voltage Sense A                    |  | Volts |
| Internal EPS Voltage Sense B                    |  | Volts |
| Hybrid System State                             |  |       |
| Outside Air Temperature                         |  | °F    |
| Ignition State                                  |  |       |
| Propulsion System Active                        |  |       |
| HV Contactor Status                             |  |       |
| APM Status                                      |  |       |
| Impact Event                                    |  |       |
| PRND Position Display                           |  |       |
| Distance Travelled with Light ON                |  | miles |
| HV Battery Sleep Time                           |  | Days  |
| eMotor A Shutdown History [0]                   |  |       |
| eMotor A Shutdown History [1]                   |  |       |
| eMotor A Shutdown History [2]                   |  |       |
| eMotor A Fault History [0]                      |  |       |
| eMotor A Fault History [1]                      |  |       |
| eMotor A Fault History [2]                      |  |       |
| eMotor A Fault History [3]                      |  |       |
| eMotor A Fault History [4]                      |  |       |
| eMotor A Fault History [5]                      |  |       |
| eMotor B Shutdown History [0]                   |  |       |
| eMotor B Shutdown History [1]                   |  |       |
| eMotor B Shutdown History [2]                   |  |       |
| eMotor B Fault History [0]                      |  |       |
| eMotor B Fault History [1]                      |  |       |
| eMotor B Fault History [2]                      |  |       |
| eMotor B Fault History [3]                      |  |       |
| eMotor B Fault History [4]                      |  |       |
| eMotor B Fault History [5]                      |  |       |
| eMotor A FA Speed or Position Fault Active      |  |       |
| eMotor A FA Motor Temperature Fault Active      |  |       |
| eMotor A FA inverter Temperature A Fault Active |  |       |
| eMotor A FA inverter Temperature B Fault Active |  |       |

|                                                  |  |       |
|--------------------------------------------------|--|-------|
| eMotor A FA inverter Temperature C Fault Active  |  |       |
| eMotor A FA DC Current Fault Active              |  |       |
| eMotor A FA DC Voltage Fault Active              |  |       |
| eMotor A FA Acceleration Fault Active            |  |       |
| eMotor A FA Rotor Temperature Fault Active       |  |       |
| eMotor A FA Capacitor Temperature Fault active   |  |       |
| eMotor A FA Current Sensor A Fault Active        |  |       |
| eMotor A FA Current Sensor B Fault Active        |  |       |
| eMotor A FA Current Sensor C Fault Active        |  |       |
| eMotor A FA Postion Sensor Fault Active          |  |       |
| eMotor A FA DC Voltage Out of Range Fault Active |  |       |
| eMotor A FA Reserved                             |  |       |
| eMotor B FA Speed or Position Fault Active       |  |       |
| eMotor B FA Motor Temperature Fault Active       |  |       |
| eMotor B FA Inverter Temperature A Fault Active  |  |       |
| eMotor B FA Inverter Temperature B Fault Active  |  |       |
| eMotor B FA Inverter Temperature C Fault Active  |  |       |
| eMotor B FA HV input Current Fault Active        |  |       |
| eMotor B FA HV Input Voltage Fault Active        |  |       |
| eMotor B FA Acceleration Fault Active            |  |       |
| eMotor B FA Rotor Temperature Fault Active       |  |       |
| eMotor B FA Capacitor Temperature Fault Active   |  |       |
| eMotor B FA Current Sensor A Fault Active        |  |       |
| eMotor B FA Current Sensor B Fault Active        |  |       |
| eMotor B FA Current Sensor C Fault Active        |  |       |
| eMotor B FA Position Sensor Fault Active         |  |       |
| eMotor B FA DC Voltage Out of Range Fault Active |  |       |
| eMotor B FA Reserved                             |  |       |
| eMotor A Current Ia Max                          |  | A     |
| eMotor A Current Ia Min                          |  | A     |
| eMotor A Current Ib Max                          |  | A     |
| eMotor A Current Ib Min                          |  | A     |
| eMotor A Current Ic Max                          |  | A     |
| eMotor A Current Ic Min                          |  | A     |
| eMotor A Current Id Max                          |  | A     |
| eMotor A Current Id Min                          |  | A     |
| eMotor A Current Iq Max                          |  | A     |
| eMotor A Current Iq Min                          |  | A     |
| eMotor A Current Sum Max                         |  | A     |
| eMotor A Current Sum Min                         |  | A     |
| eMotor A HV Input voltage Max                    |  | Volts |
| eMotor A HV Input voltage Min                    |  | Volts |
| eMotor A speed max mrads                         |  | rad/s |
| eMotor A speed min mrads                         |  | rad/s |

|                                     |  |        |
|-------------------------------------|--|--------|
| eMotor B Current Ia Max             |  | A      |
| eMotor B Current Ia Min             |  | A      |
| eMotor B Current Ib Max             |  | A      |
| eMotor B Current Ib Min             |  | A      |
| eMotor B Current Ic Max             |  | A      |
| eMotor B Current Ic Min             |  | A      |
| eMotor B Current Id Max             |  | A      |
| eMotor B Current Id Min             |  | A      |
| eMotor B Current Iq Max             |  | A      |
| eMotor B Current Iq Min             |  | A      |
| eMotor B current Sum Max            |  | A      |
| eMotor B current sum Min            |  | A      |
| eMotor B HV Input Voltage Max       |  | Volts  |
| eMotor B HV Input Voltage Min       |  | Volts  |
| eMotor B speed Max mrads            |  | rad/s  |
| eMotor B speed Min mrads            |  | rad/s  |
| eMotor A Current Ia Offset          |  | A      |
| eMotor A Current Ib Offset          |  | A      |
| eMotor A Current Ic Offset          |  | A      |
| eMotor B Current Ia Offset          |  | A      |
| eMotor B Current Ib Offset          |  | A      |
| eMotor B Current Ic Offset          |  | A      |
| eMotor A HV Battery Voltages        |  | Volts  |
| eMotor A HV input Voltages          |  | Volts  |
| eMotor B HV Battery Voltages        |  | Volts  |
| eMotor B HV input Voltages          |  | Volts  |
| eMotor A Motoring Torque Limit      |  | Ft-Lbs |
| eMotor A Regenerative Torque Limit  |  | Ft-Lbs |
| eMotor B Motoring Torque Limit      |  | Ft-Lbs |
| eMotor B Regenerative Torque Limit  |  | Ft-Lbs |
| eMotor A Torque command             |  | Ft-Lbs |
| eMotor A Torque achieved            |  | Ft-Lbs |
| eMotor A speed RPM                  |  | rpm    |
| eMotor B Torque command             |  | Ft-Lbs |
| eMotor B Torque achieved            |  | Ft-Lbs |
| eMotor B Speed RPM                  |  | rpm    |
| eMotor A Temperature Stator         |  | °F     |
| eMotor A Temperature Inverter Model |  | °F     |
| eMotor A Temperature Inverter 0     |  | °F     |
| eMotor A Temperature Inverter 1     |  | °F     |
| eMotor A Temperature Inverter 2     |  | °F     |
| eMotor A Temperature Coolant Inlet  |  | °F     |
| eMotor A Temperature Coolant Outlet |  | °F     |
| eMotor A Temperature PCB            |  | °F     |

|                                                        |  |         |
|--------------------------------------------------------|--|---------|
| eMotor A Temperature Rotor                             |  | °F      |
| eMotor A OS Runtime Seconds                            |  | sec     |
| eMotor B OS Runtime Seconds                            |  | sec     |
| eMotor B Temperature Stator                            |  | °F      |
| eMotor B Temperature Inverter Model                    |  | °F      |
| eMotor B Temperature Inverter 0                        |  | °F      |
| eMotor B Temperature Inverter 1                        |  | °F      |
| eMotor B Temperature Inverter 2                        |  | °F      |
| eMotor B Temperature coolant Inlet                     |  | °F      |
| eMotor B Temperature coolant outlet                    |  | °F      |
| eMotor B Temperature PCB                               |  | °F      |
| eMotor B Temperature Rotor                             |  | °F      |
| eMotor A Lifetime Over Current w/o Over Voltage Events |  |         |
| eMotor A Lifetime Over Current Events                  |  |         |
| eMotor A Lifetime Over Voltage Events                  |  |         |
| eMotor A Lifetime Max Voltage                          |  | Volts   |
| eMotor A Lifetime Max Phase Current                    |  | A       |
| eMotor A Lifetime General Retry Events                 |  |         |
| eMotor A Key Cycle Max Voltage                         |  | Volts   |
| eMotor A Key Cycle Max phase Current                   |  | A       |
| eMotor A Key Cycle General Retry Events                |  |         |
| eMotor B Lifetime Over Current w/o Over Voltage Events |  |         |
| eMotor B Lifetime Over Current Events                  |  |         |
| eMotor B Lifetime Over Voltage Events                  |  |         |
| eMotor B Lifetime Max Voltage                          |  | Volts   |
| eMotor B Lifetime Max Phase Current                    |  | A       |
| eMotor B Lifetime General retry Events                 |  |         |
| eMotor B key Cycle max Voltage                         |  | Volts   |
| eMotor B key Cycle max Phase Current                   |  | A       |
| eMotor B key Cycle General Retry Events                |  |         |
| eMotor A MTMR Fault Word                               |  |         |
| eMotor B MTMR Fault Word                               |  |         |
| GPS Date - Year                                        |  | Year    |
| GPS Date - Month                                       |  |         |
| GPS Date - Day                                         |  | Days    |
| UTC Time - Hours                                       |  | Hours   |
| UTC Time - Minutes                                     |  |         |
| UTC Time - Seconds                                     |  | seconds |
| ECU Time - Milliseconds                                |  | ms      |

## HCP | P1B03-00 | Pending | Resolver Signal / MCPA Rationality-

| NAME        | VALUE    | UNITS |
|-------------|----------|-------|
| DTC         | 1B 03 00 |       |
| Test Failed | False    |       |

|                                         |       |       |
|-----------------------------------------|-------|-------|
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | True  |       |
| Confirmed DTC                           | False |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| DTC Extended Data Record Number         |       |       |
| Occurrence flag                         |       |       |
| Original Odometer Value                 |       | miles |
| Most Recent Odometer Value              |       | miles |
| Frequency Counter                       |       |       |
| Ignition Cycle Counter                  |       |       |
| Microcontroller reset reason - Core 0   |       |       |
| Microcontroller reset reason - Core 1   |       |       |
| Real time clock                         |       | sec   |
| RAM stamps keyOn                        |       | sec   |
| RAM Stamps                              |       | Min   |
| Accelerator Pedal Position              |       | %     |
| Engine Coolant Temperature              |       | °F    |
| Engine Speed                            |       | rpm   |
| Vehicle Speed                           |       | MPH   |
| HV Battery SOC                          |       | %     |
| Brake Switch Status                     |       |       |
| Battery Feed Voltage 1 Sense            |       | Volts |
| Battery Feed Voltage 2 Sense            |       | Volts |
| Battery Feed Voltage 3 Sense            |       | Volts |
| Internal EPS Voltage Sense A            |       | Volts |
| Internal EPS Voltage Sense B            |       | Volts |
| Hybrid System State                     |       |       |
| Outside Air Temperature                 |       | °F    |
| Ignition State                          |       |       |
| Propulsion System Active                |       |       |
| HV Contactor Status                     |       |       |
| APM Status                              |       |       |
| Impact Event                            |       |       |
| PRND Position Display                   |       |       |
| Distance Travelled with Light ON        |       | miles |
| HV Battery Sleep Time                   |       | Days  |
| eMotor A Shutdown History [0]           |       |       |
| eMotor A Shutdown History [1]           |       |       |
| eMotor A Shutdown History [2]           |       |       |
| eMotor A Fault History [0]              |       |       |
| eMotor A Fault History [1]              |       |       |

eMotor A Fault History [2]

eMotor A Fault History [3]

eMotor A Fault History [4]

eMotor A Fault History [5]

eMotor B Shutdown History [0]

eMotor B Shutdown History [1]

eMotor B Shutdown History [2]

eMotor B Fault History [0]

eMotor B Fault History [1]

eMotor B Fault History [2]

eMotor B Fault History [3]

eMotor B Fault History [4]

eMotor B Fault History [5]

eMotor A FA Speed or Position Fault Active

eMotor A FA Motor Temperature Fault Active

eMotor A FA inverter Temperature A Fault Active

eMotor A FA inverter Temperature B Fault Active

eMotor A FA inverter Temperature C Fault Active

eMotor A FA DC Current Fault Active

eMotor A FA DC Voltage Fault Active

eMotor A FA Acceleration Fault Active

eMotor A FA Rotor Temperature Fault Active

eMotor A FA Capacitor Temperature Fault active

eMotor A FA Current Sensor A Fault Active

eMotor A FA Current Sensor B Fault Active

eMotor A FA Current Sensor C Fault Active

eMotor A FA Postion Sensor Fault Active

eMotor A FA DC Voltage Out of Range Fault Active

eMotor A FA Reserved

eMotor B FA Speed or Position Fault Active

eMotor B FA Motor Temperature Fault Active

eMotor B FA Inverter Temperature A Fault Active

eMotor B FA Inverter Temperature B Fault Active

eMotor B FA Inverter Temperature C Fault Active

eMotor B FA HV input Current Fault Active

eMotor B FA HV Input Voltage Fault Active

eMotor B FA Acceleration Fault Active

eMotor B FA Rotor Temperature Fault Active

eMotor B FA Capacitor Temperature Fault Active

eMotor B FA Current Sensor A Fault Active

eMotor B FA Current Sensor B Fault Active

eMotor B FA Current Sensor C Fault Active

eMotor B FA Position Sensor Fault Active

eMotor B FA DC Voltage Out of Range Fault Active

eMotor B FA Reserved

|                                |  |        |
|--------------------------------|--|--------|
| eMotor A Current Ia Max        |  | A      |
| eMotor A Current Ia Min        |  | A      |
| eMotor A Current Ib Max        |  | A      |
| eMotor A Current Ib Min        |  | A      |
| eMotor A Current Ic Max        |  | A      |
| eMotor A Current Ic Min        |  | A      |
| eMotor A Current Id Max        |  | A      |
| eMotor A Current Id Min        |  | A      |
| eMotor A Current Iq Max        |  | A      |
| eMotor A Current Iq Min        |  | A      |
| eMotor A Current Sum Max       |  | A      |
| eMotor A Current Sum Min       |  | A      |
| eMotor A HV Input voltage Max  |  | Volts  |
| eMotor A HV Input voltage Min  |  | Volts  |
| eMotor A speed max mrad/s      |  | rad/s  |
| eMotor A speed min mrad/s      |  | rad/s  |
| eMotor B Current Ia Max        |  | A      |
| eMotor B Current Ia Min        |  | A      |
| eMotor B Current Ib Max        |  | A      |
| eMotor B Current Ib Min        |  | A      |
| eMotor B Current Ic Max        |  | A      |
| eMotor B Current Ic Min        |  | A      |
| eMotor B Current Id Max        |  | A      |
| eMotor B Current Id Min        |  | A      |
| eMotor B Current Iq Max        |  | A      |
| eMotor B Current Iq Min        |  | A      |
| eMotor B current Sum Max       |  | A      |
| eMotor B current sum Min       |  | A      |
| eMotor B HV Input Voltage Max  |  | Volts  |
| eMotor B HV Input Voltage Min  |  | Volts  |
| eMotor B speed Max mrad/s      |  | rad/s  |
| eMotor B speed Min mrad/s      |  | rad/s  |
| eMotor A Current Ia Offset     |  | A      |
| eMotor A Current Ib Offset     |  | A      |
| eMotor A Current Ic Offset     |  | A      |
| eMotor B Current Ia Offset     |  | A      |
| eMotor B Current Ib Offset     |  | A      |
| eMotor B Current Ic Offset     |  | A      |
| eMotor A HV Battery Voltages   |  | Volts  |
| eMotor A HV input Voltages     |  | Volts  |
| eMotor B HV Battery Voltages   |  | Volts  |
| eMotor B HV input Voltages     |  | Volts  |
| eMotor A Motoring Torque Limit |  | Ft-Lbs |

|                                                        |  |        |
|--------------------------------------------------------|--|--------|
| eMotor A Regenerative Torque Limit                     |  | Ft-Lbs |
| eMotor B Motoring Torque Limit                         |  | Ft-Lbs |
| eMotor B Regenerative Torque Limit                     |  | Ft-Lbs |
| eMotor A Torque command                                |  | Ft-Lbs |
| eMotor A Torque achieved                               |  | Ft-Lbs |
| eMotor A speed RPM                                     |  | rpm    |
| eMotor B Torque command                                |  | Ft-Lbs |
| eMotor B Torque achieved                               |  | Ft-Lbs |
| eMotor B Speed RPM                                     |  | rpm    |
| eMotor A Temperature Stator                            |  | °F     |
| eMotor A Temperature Inverter Model                    |  | °F     |
| eMotor A Temperature Inverter 0                        |  | °F     |
| eMotor A Temperature Inverter 1                        |  | °F     |
| eMotor A Temperature Inverter 2                        |  | °F     |
| eMotor A Temperature Coolant Inlet                     |  | °F     |
| eMotor A Temperature Coolant Outlet                    |  | °F     |
| eMotor A Temperature PCB                               |  | °F     |
| eMotor A Temperature Rotor                             |  | °F     |
| eMotor A OS Runtime Seconds                            |  | sec    |
| eMotor B OS Runtime Seconds                            |  | sec    |
| eMotor B Temperature Stator                            |  | °F     |
| eMotor B Temperature Inverter Model                    |  | °F     |
| eMotor B Temperature Inverter 0                        |  | °F     |
| eMotor B Temperature Inverter 1                        |  | °F     |
| eMotor B Temperature Inverter 2                        |  | °F     |
| eMotor B Temperature coolant Inlet                     |  | °F     |
| eMotor B Temperature coolant outlet                    |  | °F     |
| eMotor B Temperature PCB                               |  | °F     |
| eMotor B Temperature Rotor                             |  | °F     |
| eMotor A Lifetime Over Current w/o Over Voltage Events |  |        |
| eMotor A Lifetime Over Current Events                  |  |        |
| eMotor A Lifetime Over Voltage Events                  |  |        |
| eMotor A Lifetime Max Voltage                          |  | Volts  |
| eMotor A Lifetime Max Phase Current                    |  | A      |
| eMotor A Lifetime General Retry Events                 |  |        |
| eMotor A Key Cycle Max Voltage                         |  | Volts  |
| eMotor A Key Cycle Max phase Current                   |  | A      |
| eMotor A Key Cycle General Retry Events                |  |        |
| eMotor B Lifetime Over Current w/o Over Voltage Events |  |        |
| eMotor B Lifetime Over Current Events                  |  |        |
| eMotor B Lifetime Over Voltage Events                  |  |        |
| eMotor B Lifetime Max Voltage                          |  | Volts  |
| eMotor B Lifetime Max Phase Current                    |  | A      |
| eMotor B Lifetime General retry Events                 |  |        |

|                                         |  |         |
|-----------------------------------------|--|---------|
| eMotor B key Cycle max Voltage          |  | Volts   |
| eMotor B key Cycle max Phase Current    |  | A       |
| eMotor B key Cycle General Retry Events |  |         |
| eMotor A MTMR Fault Word                |  |         |
| eMotor B MTMR Fault Word                |  |         |
| GPS Date - Year                         |  | Year    |
| GPS Date - Month                        |  |         |
| GPS Date - Day                          |  | Days    |
| UTC Time - Hours                        |  | Hours   |
| UTC Time - Minutes                      |  |         |
| UTC Time - Seconds                      |  | seconds |
| ECU Time - Milliseconds                 |  | ms      |

**ABSO | U0594-00 | Stored | Implausible Data Received From Hybrid Control Module "A"-**

| NAME                                    | VALUE          | UNITS |
|-----------------------------------------|----------------|-------|
| DTC                                     | C5 94 00       |       |
| Test Failed                             | False          |       |
| Test Failed This Operation Cycle        | False          |       |
| Pending DTC                             | False          |       |
| Confirmed DTC                           | True           |       |
| Test Not Completed Since Last Clear     | False          |       |
| Test Failed Since Last Clear            | True           |       |
| Test Not Completed This Operation Cycle | False          |       |
| Warning Indicator Requested             | True           |       |
| Occurrence flag                         | Error          |       |
| Controller Event                        | No             |       |
| Mirror Memory                           | No             |       |
| Undervoltage Suspected                  | No             |       |
| Original Odometer Value                 | 20             | miles |
| Most Recent Odometer Value              | 477            | miles |
| Frequency Counter                       | 36             |       |
| Ignition Cycle Counter                  | 4              |       |
| Fault Time                              | 1271.40        | S     |
| Current System Mode                     | Engine Running |       |
| Previous System Mode                    | Engine Running |       |
| Wheel Speed Left Front                  | 15.274         | MPH   |
| Rotation Direction Left Front           | Invalid        |       |
| Wheel Speed Right Front                 | 15.519         | MPH   |
| Rotation Direction Right Front          | Invalid        |       |
| Wheel Speed Left Rear                   | 15.449         | MPH   |
| Rotation Direction Left Rear            | Invalid        |       |
| Wheel Speed Right Rear                  | 15.589         | MPH   |
| Rotation Direction Right Rear           | Invalid        |       |
| Steering Wheel Angle                    | 33.00          | °     |

|                           |       |       |
|---------------------------|-------|-------|
| Longitudinal Acceleration | -0.24 | m/s^2 |
| Yaw Rate                  | 8.06  | °/s   |
| Supplier Internal Code    | 13081 |       |

SNAPSHOT DATA SUMMARY

No Snapshot Data available for U0002-00

No Snapshot Data available for P0C19-00

No Snapshot Data available for P1B03-00

No Snapshot Data available for U0594-00