CONFIGURATION REPORT

Vehicle [redacted] C DI TURBO PHEV ENGINE
VIN [redacted]

Odometer [redacted]
Publication Date [redacted]

ECU SUMMARY INFO

ECU	NAME	[redacted]	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
PCM	Powertrain Control Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
ICS	Integrated Center Stack	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
RFH	Radio Frequency Hub	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
ESM	Electronic Shifter	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
DTCM	Drive Train Control Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
ORC	Occupant Restraint	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
EPS	Electric Power Steering	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
HVAC	Heat, Ventilation and A/C	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
CSWM	Comfort Seat Wheel Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
IPC	Instrument Panel Cluster	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
PTS	Parktronics	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
SCCM	Steering Column Control Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
BCM	Body Controller	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
RADIO	Radio	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
OCM	Occupant Classification	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
LBSS	Left Blind Spot Sensor	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
RBSS	Right Blind Spot Sensor	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
BPCM	Battery Pack Control Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

[redacted]	Hybrid Control Processor	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
DSM	Display Screen Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
A[redacted]	Auxiliary Hybrid Control Processor	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
ABSO	Anti Lock Brakes OBD	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
SGW	Security Gateway Module	[redacted]	[redacted]		[redacted]	[redacted]
DPDM	Driver Presence Detection Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
DASM	Driver Assistance System Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
IDCM	Integrated Dual Charge Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	Telematic Box Module 2	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	[redacted]	[redacted]	CVNS
TCM	[redacted] / [redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
PCM	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
ICS	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
RFH	[redacted] / [redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
ESM	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
DTCM	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
ORC	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
EPS	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
HVAC	[redacted] / [redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
CSWM	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
IPC	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
PTS	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
SCCM	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
BCM	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
RADIO		[redacted]	[redacted]	[redacted]	[redacted]	
OCM	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
LBSS	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
RBSS	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
BPCM	Rest of world / ROW	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
DSM	[redacted] / [redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
A[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		

ABSO	[redacted]	[redacted]	[redacted]	[redacted]
SGW		[redacted]	[redacted]	
DPDM	[redacted]	[redacted]	[redacted]	
DASM	[redacted]	[redacted]	[redacted]	
IDCM	[redacted]	[redacted]	[redacted]	
TBM2	[redacted]	[redacted]	[redacted]	

CONFIGURATION

TCM CONFIGURATION

NAME	VALUE	UNITS
Autostick/ERS On/Off Switch Equipped	[redacted]	
Paddle-Shift Switches Equipped	[redacted]	
Shifter with Sport Mode Position Equipped	[redacted]	
Shifter with Low Mode Position Equipped	[redacted]	
Sport Mode Switch or Virtual Switch (Non-Terrain) Equipped	[redacted]	
Overdrive Off or Tow Haul Mode Switch or Virtual Switch (Non-Terrain) Equipped	[redacted]	
ECO/Optimizer Switch Equipped	[redacted]	
ERS/Autostick/Tip Non-paddle on Steering Wheel equipped	[redacted]	
ERS/Autostick/Tip Non-paddle on Shifter in D position equipped	[redacted]	
ERS/Autostick/Tip Non-paddle on Shifter in A or M position equipped	[redacted]	
FWD Equipped	[redacted]	
RWD Equipped	[redacted]	
AWD Equipped	[redacted]	
4WD with switchable Lo Range equipped	[redacted]	
Engine Start/Stop equipped	[redacted]	
Polystable E-shift (Cableless without return-to-center) equipped	[redacted]	
Long Learn Enabled	[redacted]	
Short Learn Enabled	[redacted]	

PCM CONFIGURATION

NAME	VALUE	UNITS
AC Equipped	[redacted]	
AC Equipped Over Bus	[redacted]	
Power Steering Switch Equipped	[redacted]	
[redacted] Integrated Cruise Control	[redacted]	
EMAT (Getrag DCT transmission) Equipped	[redacted]	
Vehicle Speed Sensor #1 Calculated from CAN	[redacted]	
Police Package Equipped	[redacted]	
Unleaded Gasoline Fuel	[redacted]	
Unleaded diesel fuel	[redacted]	
[redacted] Engine	[redacted]	
[redacted] Automatic Transmission Equipped	[redacted]	

[redacted] ([redacted]) Equipped
Vehicle Speed Sensor [redacted] Calculated by ECU
[redacted] V8 Engine
[redacted] V8 Engine
[redacted] Engine
Sensorless FFV Enabled
Electronic Throttle Control Equipped
[redacted] V6 Engine
4.0 Liter I6 Engine
[redacted] Engine
[redacted] Engine
[redacted] V6 Engine
[redacted] V6 Engine
[redacted] Engine
[redacted] V6 Engine
MTV Solenoid Equipped
MDS Equipped
Turbocharger Equipped
SRV Equipped
Secondary Air Equipped
Shift Indicator Lamp Equipped
Barometric Sensor Equipped
TIP Equipped
Battery Temp Sensor Equipped
Knock Sensor 1 Equipped
Knock Sensor 2 Equipped
WI4 Variable Valve Timing Equipped
Clutch Interlock Switch Equipped
ESIM Equipped
Linear Purge Equipped
Linear EGR Equipped
Continuous Variable Transmission Equipped
Direct Injection Equipped
Secondary Fuel Pump Equipped
Electronic Coolant Pump Equipped
O2 Sensor Bank 1 Sensor 1 Equipped
O2 Sensor Bank 1 Sensor 2 Equipped
O2 Sensor Bank 1 Sensor 3 Equipped
O2 Sensor Bank 2 Sensor 1 Equipped
O2 Sensor Bank 2 Sensor 2 Equipped
Fixed displacement AC Equipped
WI4 Intake Flow Control Valve Equipped

Electric Coolant Valve Equipped	[redacted]
Engine Oil Heater Cooler Equipped	
Transmission Oil Heater Equipped	
Electric Water Pump Equipped	
Rear Heater Equipped	
Starter Relay 2 Equipped	
Inrush Current Reduction Relay Equipped	
Active Grille Shutter Equipped	
Electronic Vacuum Pump Equipped	
Wide Range O2 Sensor [redacted] Equipped	
Wide Range O2 Sensor 2/1 Equipped	
MultiAir Equipped	
Engine Stop Start Equipped	
Viscosity Sensor Equipped	
Duty Cycle Purge Valve Equipped	
Electric Thermostat Heater Equipped	
Exhaust Cam 1 Equipped	
Intake Cam 1 Equipped	
[redacted] WI4 engine	
[redacted] WI4 engine	
[redacted] WI4 engine	
[redacted] Engine	
Tumble Generator Valve Equipped	
Hybrid Electric Vehicle Equipped	
Dual Speed Fuel Pump Equipped	
Exhaust Cam 2 Equipped	[redacted]
Intake Cam 2 Equipped	[redacted]
1 Speed Fan Mechanical Relay System Equipped	[redacted]
2 Speed Fan Mechanical Relay System Equipped	
2 Speed Fan PWM Relay System Equipped	
Linear PWM Fan Relay System Equipped	
PWM Fan Motor System Equipped	
3 Speed Fan Mechanical Relay System Equipped	[redacted]
Fan Wake Up Relay System Equipped	[redacted]
2 Speed Fan 3 Driver 3 Relay System Equipped	[redacted]
[redacted] / [redacted] / [redacted]	[redacted]
42RLE	[redacted]
[redacted] / [redacted] / [redacted]	[redacted]
[redacted]	[redacted]
[redacted] / [redacted]	[redacted]
VLP Is Learnable Indicator	[redacted]
VLP Equipped Indicator	[redacted]

VFS Actuators Available Indicator	[redacted]
ERS Equipped Indicator	[redacted]
Engine Software In Package	[redacted]
Transmission Software Included	[redacted]
[redacted] Cruise Equipped	[redacted]
ETC Cruise equipped	[redacted]
Adaptive Cruise Control Equipped	[redacted]
A/C Equipped	[redacted]
Adaptive Cruise Control Hardware Equipped	[redacted]
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	[redacted]
TOOLCONFIG Oil Pressure ABS Equipped	[redacted]
[redacted] Equipped	[redacted]
[redacted] Equipped	[redacted]
[redacted] Equipped	[redacted]
Cummins Equipped	[redacted]
[redacted] Equipped	[redacted]
VMM Equipped	[redacted]
Powernet Equipped	[redacted]
CUSW ([redacted]) Equipped	[redacted]
[redacted] Equipped	[redacted]
[redacted] Bus Equipped	[redacted]
Constant Heater Temperature Control Valve Equipped	[redacted]
High Side Port Tumble Valve Equipped	[redacted]
CMCV [redacted] Equipped	[redacted]
Turbine Volute Valve Actuator Equipped	[redacted]
[redacted] Equipped	[redacted]
Active Exhaust Valve Equipped	[redacted]
Active Exhaust Pressure Sensor Equipped	[redacted]
Engine Idle Shutoff Equipped	[redacted]
[redacted] RWD Transmission Equipped	[redacted]
Cooled EGR Equipped	[redacted]
Supercharger Equipped	[redacted]
Low Temperature Radiator Coolant Pump Equipped	[redacted]
Mechanical Coolant Pump Heater Equipped	[redacted]
Auxiliary Coolant Pump Heater Equipped	[redacted]
Compressed Natural Gas Equipped	[redacted]
[redacted] Write Programming Support Enabled	[redacted]
Active Engine Mount Equipped	[redacted]
ZF 9-Speed Transmission Equipped	[redacted]
[redacted] Transmission Equipped	[redacted]
Variable Speed Fuel Pump Equipped	[redacted]
Operator Idle Speed Request Equipped	[redacted]

[redacted] System Equipped	[redacted]
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	[redacted]
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	[redacted]
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	[redacted]
Dual Stage Oil Pump Equipped	[redacted]
Auxiliary Coolant Pump Equipped	[redacted]
Trans Skip Shift Equipped	[redacted]
Trans Reverse Lockout Equipped	[redacted]
Port Flap Valve Equipped	[redacted]
Brushless PWM Fan Equipped	[redacted]
[redacted] Engine	[redacted]
Primary Lin Alternator Equipped	[redacted]
Coolant On-Off Pump Equipped	[redacted]
Oil Pressure Sensor Enabled	[redacted]
[redacted] Learning Strategy Equipped	[redacted]
Dual Fuel Tank Equipped	[redacted]
Yaw Rate Sensor ESC Equipped	[redacted]
[redacted] I3 Engine	[redacted]
Coolant On-Off Valve Equipped	[redacted]
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	[redacted]
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	[redacted]
Throttle Inlet Temp Sensor Equipped	[redacted]
Humidity, Temperature and Pressure Sensor (LIN) Equipped	[redacted]
Dual Fuel Pressure Sensor Equipped	[redacted]
Brake Pedal Sensor Equipped	[redacted]
Dual Fuel Tank Equipped	[redacted]
[redacted] System Equipped	[redacted]
Low Temp Radiator Coolant Pump Equipped	[redacted]
Engine Idle Shutoff Equipped	[redacted]
A/C Relay Powered from Engine Switched Battery	[redacted]
CNG Large Gas Tank Equipped	[redacted]
Cooled EGR Equipped	[redacted]
Supercharger Equipped	[redacted]
Hybrid MEC Shifter Equipped	[redacted]
Dual Alternator Gen1 Capable	[redacted]
Auxillary Coolant Pump Equipped	[redacted]
ZF 9-[redacted] Trans Equipped	[redacted]
HPT 6-[redacted] Trans Equipped	[redacted]
[redacted] 4[redacted] Equipped	[redacted]
Power Steering Angle Sensor Mandatory	[redacted]
Throttle Inlet Temp Sensor Equipped	[redacted]
LIN Humidity, Temp, and Pressure Sensor Equipped	[redacted]

Dual Fuel Pressure Sensor Equipped	[redacted]
Brake Pedal Sensor Equipped	[redacted]
Clutch Sensor Equipped	[redacted]
SWAP HARDWIRED BRAKE SWITCH INPUTS	[redacted]
Mass Airflow System Equipped	[redacted]
Bi-Directional Crank Sensor Equipped	[redacted]
[redacted] Cruise (LIN) Equipped	[redacted]
Operator Idle Speed Request Equipped	[redacted]
[redacted] [redacted] EQUIPPED	[redacted]
Cylinder Pressure Sensor Equipped	[redacted]
Make Up Air Sensor Equipped	[redacted]
Active Exhaust Pressure Sensor Equipped	[redacted]
Secondary Mass Airflow Sensor Equipped	[redacted]
[redacted] I3 Engine	[redacted]
2.0 Liter I4 Direct Injection Engine	[redacted]
Variable Valve Lift Equipped	[redacted]
Coolant On-Off Pump Equipped	[redacted]
Primary Lin Alternator Equipped	[redacted]
Electronic Parking Brake Equipped	[redacted]
Active Exhaust Valve(s) Equipped	[redacted]
Mechanical Coolant Pump Equipped	[redacted]
Aux Coolant Pump Heater Equipped	[redacted]
Heater Temp Control Valve Equipped	[redacted]
High Side Port Tumble Valve Equipped	[redacted]
Wastegate HBridge Equipped	[redacted]
Remote Start Present	[redacted]
Engine Oil Pressure Sensor Type	[redacted] None

ICS CONFIGURATION

NAME	[redacted]	UNITS
Display Type (Base)	[redacted]	
Display Type (Mid)	[redacted]	
Display Type (High)	[redacted]	

RFH CONFIGURATION

NAME	VALUE	UNITS
PIN Successfully Programmed	[redacted]	
VIN Successfully Programmed	[redacted]	
Valid Key In Ignition	[redacted]	
Keyless Go	[redacted]	
Ignition system type connected	[redacted]	
e-shifter present	[redacted]	

SessionID [redacted]

SessionID [redacted]

Back Up ECU Configuration 14	
Back Up ECU Configuration 15	
Back Up ECU Configuration 16	
Back Up ECU Configuration 17	
Back Up Customer Settings Menu 1 ([redacted])	
Back Up Customer Settings Menu 2 ([redacted])	
Back Up Programmed ECUs: Cabin Network	
Back Up Programmed ECUs: P/T Chassis Network	
Secret Key Sent to Body Controller - Most recent attempt	
Secret Key Sent to Body Controller - Original attempt	
Base TPM Present	
Full Size Matching Spare Tire Present	
ECU Ship Status	
Tire Pressure System	
Selectable Tire Fill Alert	
TPM Auto-Locate Enabled	
TPMS Configuration	

DTCM CONFIGURATION

NAME	VALUE	UNITS
Full-Time T-Case		
Front Locker Present		
Rear Locker Present		
FAD Present		
Mode Switch Present		
Left/Right Hand Drive		
Axle Ratio		
T-Case Type		
SRT Present		

ORC CONFIGURATION

NAME	VALUE	UNITS
Rollover Sensing		
EPPM		
Occupant Classification (OCM)		
[redacted] Driver Seatbelt Buckle Switch		
[redacted] Passenger Seatbelt Buckle Switch		
[redacted] Left seat belt Switch		
[redacted]w Center seat belt Switch		
Second Row Right seat belt Switch		
Driver Seat Track Position Sensor		
Passenger Seat Track Position Sensor		

SessionID [redacted]

Passenger Occupant Detection Sensor	[redacted]
Passenger Airbag Disable Switch	[redacted]
Passenger Airbag Disable Indicator	[redacted]
Driver Frontal Squib 1	[redacted]
Driver Frontal Squib 2	[redacted]
Driver Frontal Squib 3	[redacted]
Passenger Frontal Squib 1	[redacted]
Passenger Frontal Squib 2	[redacted]
Passenger Frontal Squib 3	[redacted]
Driver Knee Bolster Squib	[redacted]
Passenger Knee Bolster Squib	[redacted]
Driver Seatbelt Retractor Pretensioner	[redacted]
Passenger Seatbelt Retractor Pretensioner	[redacted]
Driver Seatbelt Load Limiter	[redacted]
Passenger Seatbelt Load Limiter	[redacted]
Driver Seatbelt Anchor Pretensioner	[redacted]
Passenger Seatbelt Anchor Pretensioner	[redacted]
Driver Seatbelt Buckle Pretensioner	[redacted]
Passenger Seatbelt Buckle Pretensioner	[redacted]
Left Curtain Squib 1	[redacted]
Right Curtain Squib 1	[redacted]
Left Side Seat Squib 1	[redacted]
Right Side Seat Squib 1	[redacted]
[redacted] Left Seat Side Airbag	[redacted]
Second Row Right Seat Side Airbag	[redacted]
Driver Frontal Squib 4	[redacted]
Passenger Frontal Squib 4	[redacted]
Left Up-Front Acceleration Sensor	[redacted]
Right Up-Front Acceleration Sensor	[redacted]
Right B-Pillar Impact Acceleration Sensor	[redacted]
Left B-Pillar Impact Acceleration Sensor	[redacted]
Left C-Pillar Impact Acceleration Sensor	[redacted]
Right C-Pillar Impact Acceleration Sensor	[redacted]
Right D-Pillar Impact Acceleration Sensor	[redacted]
Left D-Pillar Impact Acceleration Sensor	[redacted]
Left Side Door Pressure Sensor	[redacted]
Right Side Door Pressure Sensor	[redacted]
Configuration Column Identifier	[redacted]

HVAC CONFIGURATION

NAME	VALUE	UNITS
[redacted] ATC Control (Factory) (BB)	[redacted]	

[redacted] ATC Control (BB)	[redacted]
[redacted] MTC Control (BB)	[redacted]
Single [redacted] MTC Control (BB)	[redacted]
MTC With EBL ([redacted])	[redacted]
MTC Without EBL ([redacted])	[redacted]
MTC heater only ([redacted])	[redacted]

IPC CONFIGURATION

NAME	VALUE	UNITS
Main Fuel Tank Gauge - Empty Stop Calibration	[redacted]	
Main Fuel Tank Gauge - [redacted] Datum Calibration	[redacted]	
Main Fuel Tank Gauge - [redacted] Datum Calibration	[redacted]	
Main Fuel Tank Gauge - [redacted] Calibration	[redacted]	
Main Fuel Tank Gauge - Full Stop Calibration	[redacted]	
Sub Fuel Tank Gauge - Empty Stop Calibration	[redacted]	
Sub Fuel Tank Gauge - [redacted] Datum Calibration	[redacted]	
Sub Fuel Tank Gauge - [redacted] Datum Calibration	[redacted]	
Sub Fuel Tank Gauge - [redacted] Calibration	[redacted]	
Sub Fuel Tank Gauge - Full Stop Calibration	[redacted]	

PTS CONFIGURATION

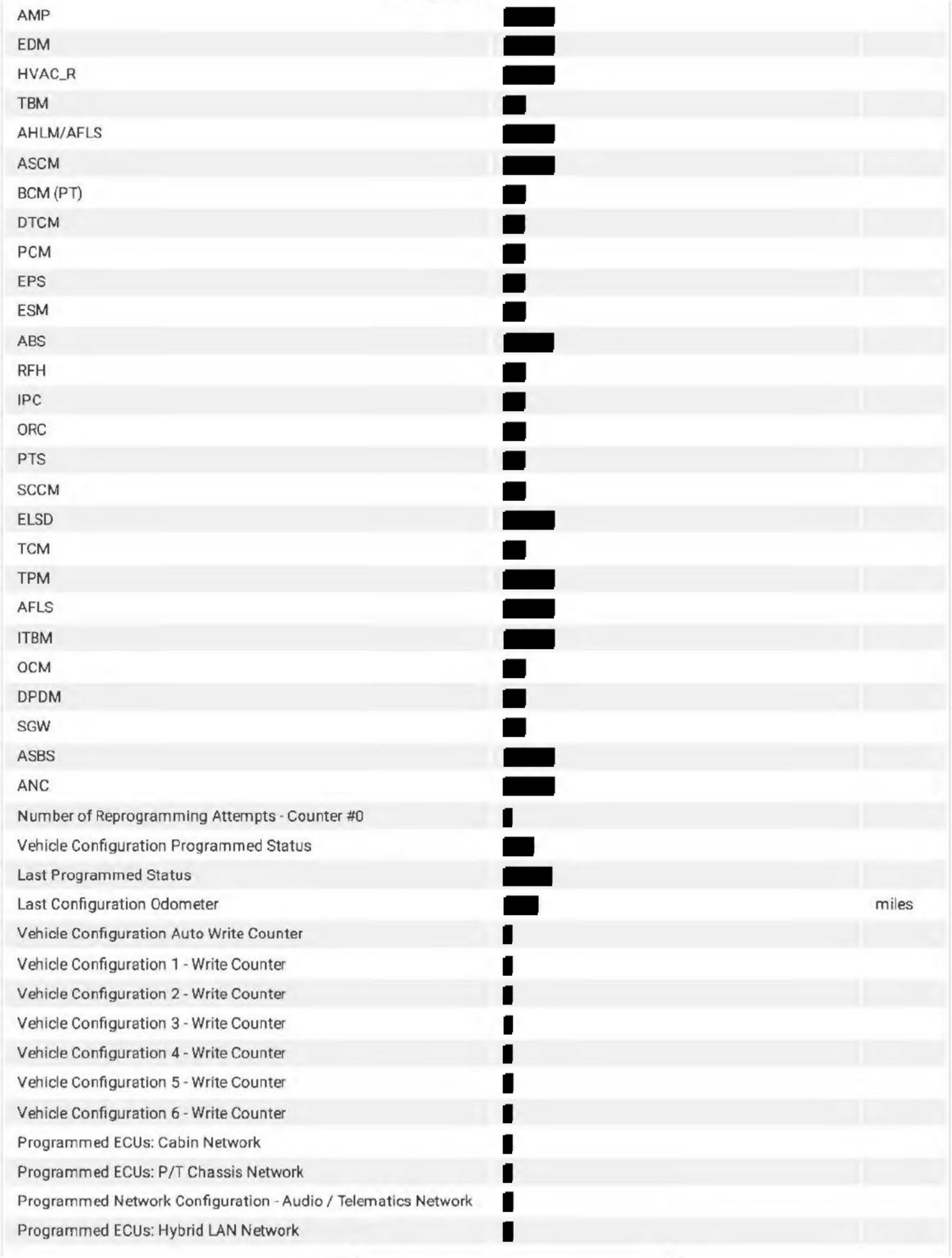
NAME	VALUE	UNITS
Rear System with [redacted]	[redacted]	
Front System with [redacted]	[redacted]	

SCCM CONFIGURATION

NAME	VALUE	UNITS
Rear Wiper	[redacted]	
Tilt Telescope	[redacted]	
Paddle Shifter	[redacted]	
Cruise Control / ACC	[redacted]	

BCM CONFIGURATION

NAME	VALUE	UNITS
RBSM	[redacted]	
LBSM	[redacted]	
BCM (Interior Bus)	[redacted]	
HSM	[redacted]	
HVAC	[redacted]	
PTCM	[redacted]	
Radio	[redacted]	
ITM	[redacted]	

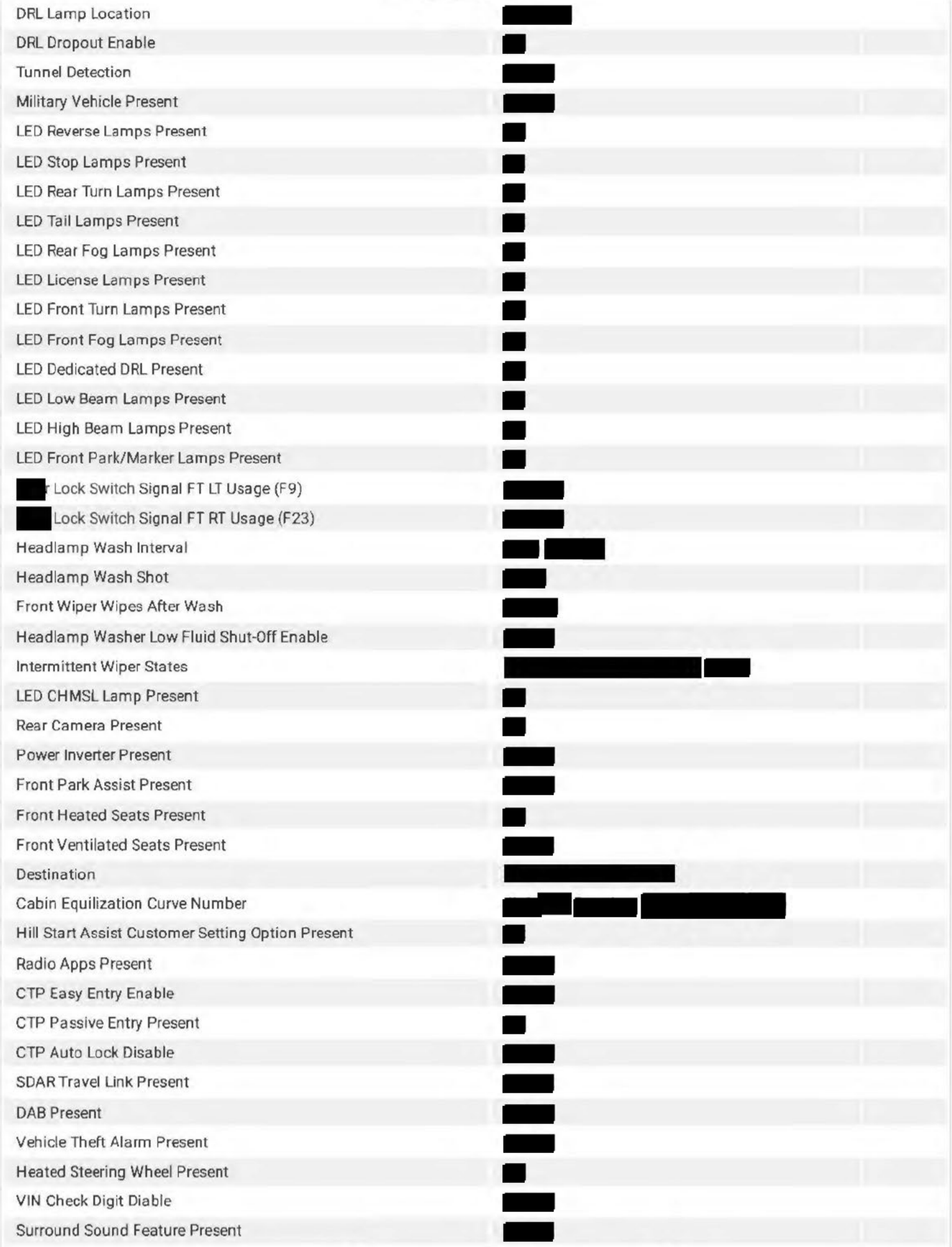

AMP
EDM
HVAC_R
TBM
AHLM/AFLS
ASCM
BCM (PT)
DTCM
PCM
EPS
ESM
ABS
RFH
IPC
ORC
PTS
SCCM
ELSD
TCM
TPM
AFLS
ITBM
OCM
DPDM
SGW
ASBS
ANC
Number of Reprogramming Attempts - Counter #0
Vehicle Configuration Programmed Status
Last Programmed Status
Last Configuration Odometer
miles
Vehicle Configuration Auto Write Counter
Vehicle Configuration 1 - Write Counter
Vehicle Configuration 2 - Write Counter
Vehicle Configuration 3 - Write Counter
Vehicle Configuration 4 - Write Counter
Vehicle Configuration 5 - Write Counter
Vehicle Configuration 6 - Write Counter
Programmed ECUs: Cabin Network
Programmed ECUs: P/T Chassis Network
Programmed Network Configuration - Audio / Telematics Network
Programmed ECUs: Hybrid LAN Network
SessionID [redacted]

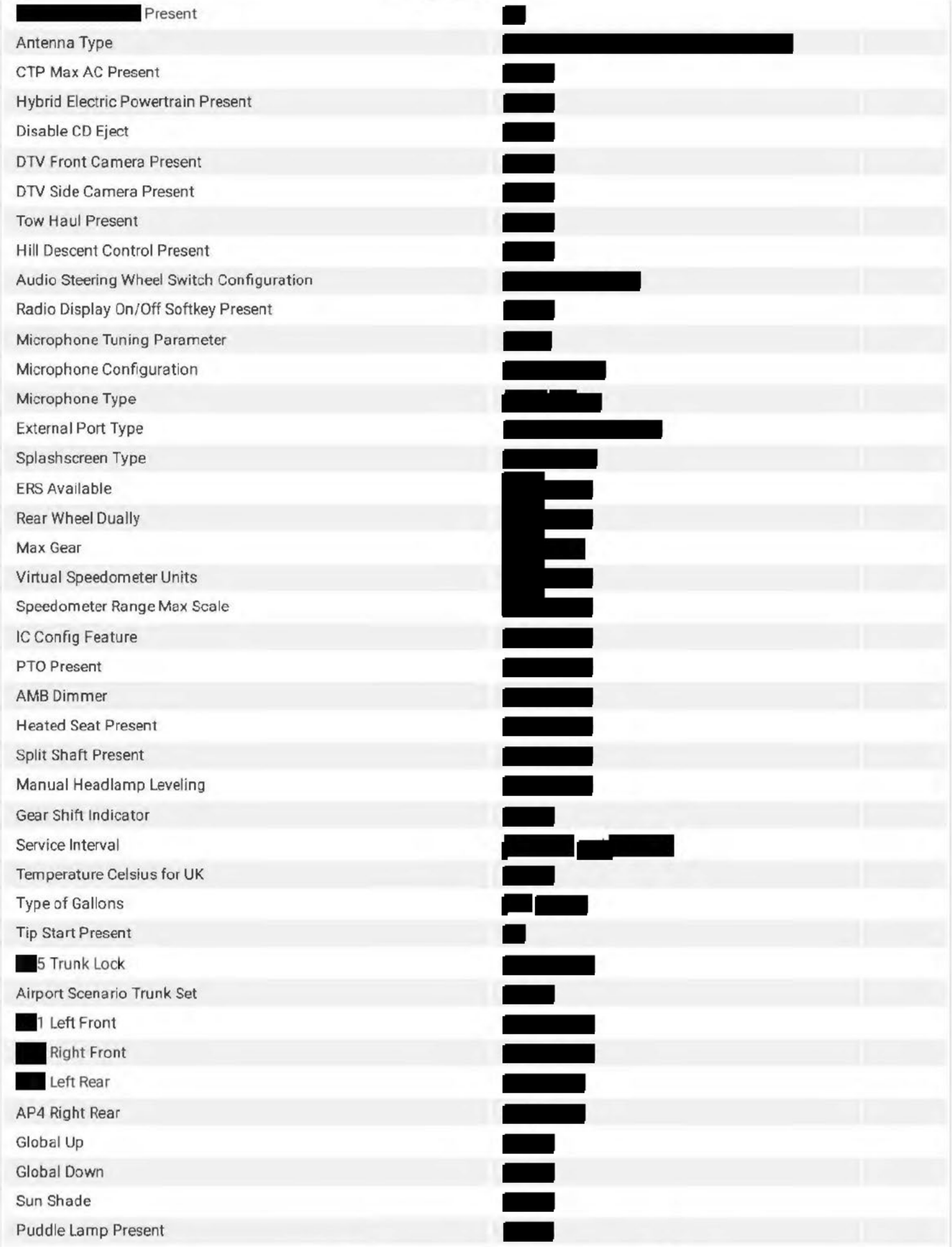
ECU Configuration 1 (CBC Configurable Inputs and Outputs)
ECU Configuration 2 (CBC Features)
ECU Configuration 3
ECU Configuration 4
ECU Configuration 5 (Wireless)
ECU Configuration 5 (Doors)
ECU Configuration 5 (Memory)
ECU Configuration 6 (Brake)
ECU Configuration 6 (Suspension)
ECU Configuration 6 (Powertrain)
ECU Configuration 6 (Safety)
ECU Configuration 7 (CBC Exterior Lighting Calibrations)
ECU Configuration 8 (LIN and Miscellaneous)
ECU Configuration 9A
ECU Configuration 9 (ITM)
ECU Configuration 10
ECU Configuration 11
ECU Configuration 12
ECU Configuration 13
ECU Configuration 14
ECU Configuration 15 (CBC Features)
ECU Configuration 15 (Suspension)
Vehicle Configuration 7 - Write Counter
Vehicle Config CSM1
Vehicle Config CSM2
Model Year
Vehicle Line
Country Code
Left/Right Hand Drive
Remote Start Present
Drive Configuration
Emode Present
Auto Highbeam
Body Style
Maximum Vehicle Speed
Shifter Type
Performance Pages Present
Special Packages
PTS Configuration
Hill Descent Feature Present
Select Speed Control Feature Present
Power Inverter Type
SessionID

[redacted] Present
Rain Sensor Present
[redacted] System Present
Air Conditioning Present
Cruise Feature is Present
Flipper Glass Present
Full Size Spare
Off Road Capable
Special Packages
Max Load Inflation Pressure Rear Tire
Max Load Inflation Pressure Front Tire
Light Load Inflation Pressure Rear Tire
Police Lighting Feature
Power Lift Gate Present
Power Right Sliding Door Present
Power Left Sliding Door Present
[redacted] System Present
Sunshade Present
T-Case Type
Wheel Base
FOBIK Safe Enable
ELV Present
Fuel Capacity
Window Express Feature Configuration
Adjustable Pedal Feature Present (non-Memory)
Auto Headlamp Feature Present
Door Alert Feature Present
[redacted] Present
Vehicle is an SRT
Disable Display of Radio Clock
Chassis Type
Display Outside Temperature Present
HVAC Configuration
Vehicle Brand
Display Compass Heading Present
Interior EC Mirror Present
ESCL system present
High Intensity Discharge Head Lamps
Secondary Lock Present
Liftgate/Trunk Type
Collision Mitigation System present
Forward Collision Warning present
SessionID [redacted]

Base [redacted] system present	[redacted]	
[redacted] system present	[redacted]	
Paddle Shift Feature Present	[redacted]	
Sport Mode Present	[redacted]	
Auto Park Present	[redacted]	
Passive Entry Present	[redacted]	
Keyless Go Present	[redacted]	
Transfer Case High Ratio	[redacted]	No Unit
Axle Ratio	[redacted]	
Transfer Case Low Range Reduction Ratio	[redacted]	
Dynamic Tire Circumference (All or Rear)	[redacted]	inch
Dual Rear Wheel (DRW) Vehicle Present	[redacted]	
Non-Regulated [redacted] ([redacted]) Present	[redacted]	
Steering Ratio at zero	[redacted]	No Unit
Steering Ratio at Positive Angle 1	[redacted]	No Unit
Steering Ratio at Positive Angle 2	[redacted]	No Unit
Steering Ratio at Positive Angle 3	[redacted]	No Unit
Steering Ratio at Positive Angle 4	[redacted]	No Unit
Steering Ratio at Positive Angle 5	[redacted]	No Unit
Analog Door Sensor Configuration	[redacted]	
Air Quality System Present	[redacted]	
Steering Ratio at Negative Angle 1	[redacted]	No Unit
Steering Ratio at Negative Angle 2	[redacted]	No Unit
Steering Ratio at Negative Angle 3	[redacted]	No Unit
Steering Ratio at Negative Angle 4	[redacted]	No Unit
Steering Ratio at Negative Angle 5	[redacted]	No Unit
Ambient Light Dimmer Wheel Input Present Pin G9	[redacted]	
Low Beam Output Present - Pin A3, D2	[redacted]	
Rear Wiper Motor Park Present - Pin [redacted]	[redacted]	
Left Rear Door Ajar Input Present - Pin [redacted]	[redacted]	
Front Driver Analog Door Ajar Input Present - Pin [redacted]	[redacted]	
Reserved - Pin [redacted]	[redacted]	
Horn Switch Input Present - Pin [redacted]	[redacted]	
Reserved - Pin [redacted]	[redacted]	
Hood Ajar Switch Input Present - Pin [redacted]	[redacted]	
Hard Top Sense Present - Pin [redacted]	[redacted]	
Reserved - [redacted]	[redacted]	
Reserved - Pin [redacted]	[redacted]	
Passenger Door Ajar Signal Present - Pin [redacted]	[redacted]	
[redacted] - Pin [redacted]	[redacted]	
Reserved - Pin [redacted]	[redacted]	
Starter Relay Lowside Coil Drive - Pin D7	[redacted]	

Diesel Cabin Heater #2 Output Present - Pin D9	[redacted]
Diesel Cabin Heater #3 Output Present - Pin D10	[redacted]
Diesel Cabin Heater #1 Output Present - Pin D11	[redacted]
Right Dedicated DRL Lamp Output Present - Pin [redacted]	[redacted]
Left Dedicated DRL Lamps Output Present - Pin [redacted]	[redacted]
Flipper Glass #2 Output Present	[redacted]
Foot Well Lamps Output Present - Pin [redacted]	[redacted]
Front Fog Lamps Output Present - Pin A1 & [redacted]	[redacted]
Inverter Enable Relay Output Present - Pin [redacted]	[redacted]
Reserved - [redacted]	[redacted]
Gated Park ZFII Output Present - Pin D-24	[redacted]
Reserved - Pin [redacted]	[redacted]
Rear Fog Lamps Output Present - Pin [redacted] & [redacted]	[redacted]
Rear Park Lamps Output Present - Pin [redacted] & [redacted]	[redacted]
Rear Turn Lamps Output Present - Pin E3 & [redacted]	[redacted]
Run-ACC Y Relay #2 Output Present - Pin E9	[redacted]
Side Markers Output Present - Pin [redacted] & [redacted]	[redacted]
Trailer Backup Lamps Output Present - Pin [redacted]	[redacted]
Reserved - Pin F4	[redacted]
UGDO Feed Output Present - Pin [redacted]	[redacted]
[redacted] Warning LED Output Present - Pin [redacted]	[redacted]
Park Brake Input Present - Pin [redacted]	[redacted]
Ambient Temperature Sensor Present - Pin [redacted]	[redacted]
Tip Start Enabled	[redacted]
Dual Start Relay System Present	[redacted]
Wiper Service Position Enabled	[redacted]
Trailer Tow Present	[redacted]
Quad Headlamps Enable	[redacted]
Horn Chirp Allowed	[redacted]
Bi Xenon Headlamps Enable	[redacted]
Hazard Lamp Configuration	[redacted]
Park Lamp Loadshed Enable	[redacted]
Front Fog Lamp Dropout Enable	[redacted]
Combined Rear Lighting Enable	[redacted]
Side Repeaters Enable	[redacted]
[redacted] Lane Change	[redacted]
Exterior Light Loadshed Enable	[redacted]
Front Wiper Park Enable	[redacted]
Rear Wiper Park Enable	[redacted]
Reversible Washer Pump Enable	[redacted]
[redacted] Element Tail Lamp	[redacted]
DRL Configuration	[redacted]


DRL Lamp Location
DRL Dropout Enable
Tunnel Detection
Military Vehicle Present
LED Reverse Lamps Present
LED Stop Lamps Present
LED Rear Turn Lamps Present
LED Tail Lamps Present
LED Rear Fog Lamps Present
LED License Lamps Present
LED Front Turn Lamps Present
LED Front Fog Lamps Present
LED Dedicated DRL Present
LED Low Beam Lamps Present
LED High Beam Lamps Present
LED Front Park/Marker Lamps Present
[redacted] Lock Switch Signal FT LT Usage (F9)
[redacted] Lock Switch Signal FT RT Usage (F23)
Headlamp Wash Interval
Headlamp Wash Shot
Front Wiper Wipes After Wash
Headlamp Washer Low Fluid Shut-Off Enable
Intermittent Wiper States
LED CHMSL Lamp Present
Rear Camera Present
Power Inverter Present
Front Park Assist Present
Front Heated Seats Present
Front Ventilated Seats Present
Destination
Cabin Equilization Curve Number
Hill Start Assist Customer Setting Option Present
Radio Apps Present
CTP Easy Entry Enable
CTP Passive Entry Present
CTP Auto Lock Disable
SDAR Travel Link Present
DAB Present
Vehicle Theft Alarm Present
Heated Steering Wheel Present
VIN Check Digit Diable
Surround Sound Feature Present
SessionID [redacted]



SessionID [redacted]

Rear Door Pre Short Drop
Passenger Window Lockout
Auto Power Folding Mirrors Present
Folding mirrors present
Heated Mirrors Present
Mirror turn signals present
Driver Memory Mirrors Present
Passenger Memory Mirror Present
Electro-chromatic driver mirror present
Electro-chromatic passenger mirror present
Tow Mirror Present
Blindspot Mirror Present
Window Motor Type
Window Hall Sensors Present
Frameless Window Present
Memory Adjustable Pedals Present
Tilt/Telescope Steering Present
Memory Seat Present
Rear Heated Seats Present
Front Vented Seats Present
Heated Steering Wheel Present
Heated Seat Material Type
Heated Wheel Material Type
Rear Vented Seats Present
Front Heated Seat Present
Brake System ECU Configuration A
Wheel [redacted] overall ESC Maserati
Brake System ECU Configuration B
ECO Mode Configuration
Dual Alternator Present
ODS Present
Driver Kneebag Present
Passenger Kneebag Present
Curtain Airbags Present
Tow Hooks Present
Passive [redacted] Present
[redacted] Present
Reserved
Reserved
Integrated EPP Present
BUX vehicle
Signature [redacted] Present
SessionID [redacted]

Dual Filament Headlamp	[redacted]	
Front Turn Lamp Diagnostics	[redacted]	
Auto Headlamp On Threshold	[redacted]	Volt
Auto Headlamp Off Threshold	[redacted]	Volt
Left Low Beam Voltage Regulation	[redacted]	
Left High Beam Voltage Regulation	[redacted]	
Right Low Beam Voltage Regulation	[redacted]	
Right High Beam Voltage Regulation	[redacted]	
Left Front Corner Voltage	[redacted]	
Right Front Corner Voltage	[redacted]	
Left Rear Corner Voltage	[redacted]	
Right Rear Corner Voltage	[redacted]	
Panic Enable	[redacted]	
Compass Mounting Orientation	[redacted]	
Washer Fluid Level Voltage Threshold	[redacted]	
IBS Present	[redacted]	
[redacted]MM Present	[redacted]	
Humidity Sensor Present	[redacted]	
Manual Trans Present	[redacted]	
DC to DC Converter Present	[redacted]	
[redacted]M Present	[redacted]	
Auto Relock Time	[redacted]	seconds
VTA System Present	[redacted]	
DC to DC Converter #2 Present	[redacted]	
Illuminated Approach Interior Lighting Target Percentage	[redacted]	
Illuminated Approach Headlamp Target Percentage	[redacted]	
Illuminated Approach Taillamp Target Percentage	[redacted]	
Illuminated Approach Interior Lighting Ramp Up Time	[redacted]	
CRVMM Present	[redacted]	
EVIC Switch Module Present	[redacted]	
Compass Mounting Angle	[redacted]	Degree
Backup Reverse Lamp Left Present - Pin F41	[redacted]	
Backup Reverse Lamp Right Present - Pin E1	[redacted]	
Stop/Turn Lamp or Stop Lamp Present Pin [redacted] & [redacted]	[redacted]	
Left High Beam Present - Pin D1	[redacted]	
Right High Beam Present - Pin A2	[redacted]	
Left Front Lamp Diagnostics Present - Pin F25	[redacted]	
Right Front Lamp Diagnostics Present - Pin [redacted]	[redacted]	
Left Rear Turn Lamp Diagnostics Present - Pin [redacted]	[redacted]	
Right Rear Turn Lamp Diagnostics Present - Pin [redacted]	[redacted]	
Brake Fluid Level Switch Signal Present - Pin [redacted]	[redacted]	
Siren	[redacted]	

Ultrasonics
Tilt
Swing Gate Lock Present - Pin [redacted]
Swing Gate Unlock Present - Pin [redacted]
Front Fog Voltage
Rear Fog Voltage
[redacted] Lamp Output Disable
Secondary Door Ajar Present - Pin [redacted]
Manual Door Locks Present
Rain Sensor Module #2 Present
Auto High Beam Module Location
Average Last Longitudinal Acceleration Values
Average Last Lateral Acceleration Values
Excess Longitudinal Acceleration Factor
Excess Lateral Acceleration Factor
Brake Smoothing Duration
Brake Smoothing Factor
Steering Smoothing Duration
Steering Smoothing Factor
Steering Smoothing Threshold
Brake Smoothing Threshold
Maximum Longitudinal Change
Maximum Lateral Change
Acceleration Threshold
Acceleration Factor
Nose Dive Threshold
Nose Dive Factor
RKE Auto-Relock Feature Enable
PE Auto-Relock Feature Enable
VTA Hood Ajar Monitoring
Horn Chirp Duration
Pitch and Roll Present
Parking Light Enable
ASBM Minimum Voltage Time
ASBM Battery Minimum Voltage
Interior Lighting Night Threshold
Interior Lighting Day Threshold
Axle Locker Configuration
Transmission Equipped
Park Brake Type
TPMS Configuration
Hybrid Type
SessionID [redacted]

[redacted] Module Present
[redacted]R feature Present
[redacted] Present
Temperature Display Resolution
PTC Present
Glovebox Control
Glare Free Present
Brake Type
Suspension Type
Park assist customer settings menu
Park assist brake customer settings menu
Park assist front volume customer settings menu
Park assist rear volume customer settings menu
Electric power steering customer settings menu
Forward collision warning customer settings menu
Auto on driver comfort customer settings menu
Auxiliary switches customer settings menu
Rear view camera gridlines customer settings menu
Unit set customer settings menu
Power accessory delay customer settings menu
Ambient dimmer customer settings menu
Tire jack mode customer settings menu
Air suspension warning customer settings menu
Automatic aero mode customer settings menu
Auto high beam customer settings menu
Auto park customer settings menu
Blind spot alert customer settings menu
Clock display customer settings menu
Compass calibration customer settings menu
Compass variance customer settings menu
Consumption unit customer settings menu
Distance unit customer settings menu
Auto door lock customer settings menu
Easy exit seat customer settings menu
Auto entry exit mode customer settings menu
EPB service mode customer settings menu
Headlamp drop customer settings menu
Headlamp off delay customer settings menu
Headlamps on with wiper customer settings menu
Passive entry customer settings menu
Illuminated approach customer settings menu
Lane departure torque customer settings menu

Lane departure warning customer settings menu	[redacted]
Rear camera customer settings menu	[redacted]
Rain sensitive wipers customer settings menu	[redacted]
Power take off customer settings menu	[redacted]
Pressure unit customer settings menu	[redacted]
Power unit customer settings menu	[redacted]
Power liftgate chime customer settings menu	[redacted]
Performance shift enable customer settings menu	[redacted]
Rear view camera delay customer settings menu	[redacted]
RKE unlock customer settings menu	[redacted]
Speed unit customer settings menu	[redacted]
Tilt mirror in reverse customer settings menu	[redacted]
Torque unit customer settings menu	[redacted]
Teen Key Fuel Pop-up Customer Settings Menu	[redacted]
Teen Key Automatic High Beam Customer Settings Menu	[redacted]
Passenger Airbag On/Off Customer Settings Menu	[redacted]
Forward Collision Warning and Brake Customer Settings Menu	[redacted]
Doors and Engine Off Power Delay Customer Settings Menu	[redacted]
Radio Speaker Open Circuit Disable (LF)	[redacted]
Radio Speaker Open Circuit Disable (RF)	[redacted]
Radio Speaker Open Circuit Disable (LR)	[redacted]
Radio Speaker Open Circuit Disable (RR)	[redacted]
[redacted]C Calibration Parameter Data Set	[redacted]
Surround View Camera On/Off Softkey Present	[redacted]
Drive Mode [redacted]	[redacted]
Rear Defrost and Heated Mirrors Present	[redacted]
Show Phone Information in Cluster	[redacted]
Auto Dimming Mirror Hard Button Present	[redacted]
Clari-Fi Present	[redacted]
Automatic Crash Notification Feature Present	[redacted]
Trailer Hitch Camera Present	[redacted]
Park Assist Tuning Set	[redacted]
Rear Defrost Presence	[redacted]
Heated Mirrors Present	[redacted]
Engine Displacement	[redacted]
Steering C Factor	[redacted]
Speedometer Tolerance	[redacted]
Increasing speed constant	[redacted]
Tachometer [redacted]	[redacted]
DTV Present	[redacted]
Tri-State Comfort Climate Softkey Function Present	[redacted]

RADIO CONFIGURATION

NAME	VALUE	UNITS
Satellite Subscription Status	[redacted]	
Reason Code	00	
Suspend Day	00	
Suspend Month	00	
Suspend Year	00	
Distortion Limiting	[redacted]	
Clock Defeat	[redacted]	
Stereo Blend	[redacted]	
High Cut	[redacted]	
Automated Loudness	[redacted]	
Anti-Theft Enable Status	[redacted]	
[redacted] Time Selection	[redacted]	
Front Seat Video Playback	[redacted]	
Cabin EQ Curve Number Currently Used by Radio	[redacted]	
Splash Screen	[redacted]	
USB Hubs Detected	[redacted]	
SD Card Readers Detected	[redacted]	Unit
Enumerated USB Devices	[redacted]	Unit
Aux Jack	[redacted]	
CAN Architecture	[redacted]	
VIN LOCK State	[redacted]	
VIN Original	[redacted]	

LBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)	[redacted]	
Teen Key	[redacted]	
CFG FEATURE	[redacted]	

RBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)	[redacted]	
Teen Key	[redacted]	

ABSO CONFIGURATION

NAME	VALUE	UNITS
Vehicle Line Identification	[redacted]	
Displacement	[redacted]	Unit
Hybrid Type	[redacted]	
Trans Type	[redacted]	

SessionID # [redacted]

Drive Configuration	[redacted]
Chassis Type	[redacted]
[redacted] Ratio	[redacted] Unit
Tire Circumference	[redacted]

DASM CONFIGURATION

NAME	VALUE	UNITS
ACC Present	[redacted]	
ACC STOP Present	[redacted]	
ACC GO Present	[redacted]	
FCW Present	[redacted]	
LDW Plus Present	[redacted]	
Auto High Beam Present	[redacted]	
NCC Present	[redacted]	

[redacted] CONFIGURATION

NAME	[redacted]	UNITS
Enable Auto Answer	---	
VIN Original	[redacted]	
VIN Odometer Counter	[redacted]	
VIN Locked	[redacted]	
VIN Current	[redacted]	

MOPAR. WI TECH 2.0

VEHICLE SCAN REPORT

Vehicle [redacted] C DI TURBO PHEV ENGINE
VIN [redacted]
Odometer [redacted]
Publication Date [redacted]

ECU SUMMARY INFO

ECU	NAME	[redacted]	[redacted]	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
PCM	Powertrain Control Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
ICS	Integrated Center Stack	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
RFH	Radio Frequency Hub	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
ESM	Electronic Shifter	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
DTCM	Drive Train Control Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
ORC	Occupant Restraint	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
EPS	Electric Power Steering	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
HVAC	Heat, Ventilation and A/C	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
CSWM	Comfort Seat Wheel Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
IPC	Instrument Panel Cluster	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
PTS	Parktronics	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
SCCM	Steering Column Control Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
BCM	Body Controller	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
RADIO	Radio	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
OCM	Occupant Classification	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
LBSS	Left Blind Spot Sensor	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
RBSS	Right Blind Spot Sensor	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
BPCM	Battery Pack Control Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

[redacted]	Hybrid Control Processor	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
DSM	Display Screen Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
A[redacted]	Auxiliary Hybrid Control Processor	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
ABSO	Anti Lock Brakes OBD	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
SGW	Security Gateway Module	[redacted]	[redacted]		[redacted]	[redacted]
DPDM	Driver Presence Detection Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
DASM	Driver Assistance System Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
IDCM	Integrated Dual Charge Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	Telematic Box Module 2	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
TCM	[redacted] / [redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
PCM	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
ICS	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
RFH	[redacted] / [redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
ESM	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
DTCM	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
ORC	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
EPS	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
HVAC	[redacted] / [redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
CSWM	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
IPC	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
PTS	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
SCCM	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
BCM	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
RADIO		[redacted]	[redacted]	[redacted]	[redacted]	
OCM	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
LBSS	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
RBSS	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
BPCM	Rest of world / ROW	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
DSM	[redacted] / [redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
A[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		

[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
SGW		[redacted]	[redacted]	
DPDM	[redacted]	[redacted]	[redacted]	
DASM	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	
TBM2	[redacted]	[redacted]	[redacted]	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
TCM	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
B[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]

E[redacted]ONM[redacted]AL DATA SUMMARY

TCM | [redacted] | Pending | Lost Communication With Hybrid Powertrain [redacted] Module on D[redacted]

NAME	VALUE	UNITS
DTC	[redacted]	
Test Failed	[redacted]	
Test Failed This Operation Cycle	[redacted]	
Pending DTC	[redacted]	
Confirmed DTC	[redacted]	
Test Not Completed Since Last Clear	[redacted]	
Test Failed Since Last Clear	[redacted]	
Test Not Completed This Operation Cycle	[redacted]	
Warning Indicator Requested	[redacted]	
DTC Extended Data Record Number - All	[redacted]	
Occurrence flag	[redacted]r	
Original Odometer Value	[redacted]	miles
[redacted]	[redacted]	miles
Frequency Counter	[redacted]	
Ignition Cycle Counter	0	

[redacted] | [redacted]7 | Active | Lost Communication With Hybrid Powertrain [redacted] Module on D[redacted]

NAME	VALUE	UNITS
Number of DTC	[redacted]	
DTC	[redacted]	

DTC Readiness Flag	[redacted]
DTC Storage State	[redacted]
Warning Indicator Request State	[redacted]
Odometer	[redacted]
Accumulation Timer	[redacted]
Ignition Key Cycles	0
Starts Since Set Counter	0
Key Cycles Since DTC Last Set Counter	0
Warm Up Cycles	0
Good Trip Counter	0

PCM | [redacted] | Pending | Lost Communication With Battery Energy Control Module

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

BPCM | [redacted] | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	[redacted]	
Test Failed	[redacted]	
Test Failed This Operation Cycle	[redacted]	
Pending DTC	[redacted]	
Confirmed DTC	[redacted]	
Test Not Completed Since Last Clear	[redacted]	
Test Failed Since Last Clear	[redacted]	
Test Not Completed This Operation Cycle	[redacted]	
Warning Indicator Requested	[redacted]	
Occurrence flag	[redacted]	
Original Odometer Value	[redacted]	
Most Recent Odometer Value	[redacted]	
Frequency Counter	[redacted]	
Ignition Cycle Counter	0	

FoM - for this DTC (lifetime fails)	[redacted]	events
FoM - for this DTC (lifetime fails counts on pass)	[redacted]	seconds
FoM - for this DTC (lifetime longest fail on pass)	[redacted]	seconds
Battery Total Time Awake	[redacted]	seconds
Key in Ignition	[redacted]	
EPT -WakeUp	[redacted]	
HCP Contactor Command	[redacted]	
Contactor Status	[redacted]	
Plug in Status	[redacted]	
Balance Mode	[redacted]	
Vehicle Speed	[redacted]	MPH
System ([redacted]) Volts at time of fault	[redacted]	Volts
Battery Lifetime AmpHrs of Charge	[redacted]	AHr
Battery Lifetime AmpHrs of DisCharge	[redacted]	AHr
HVIL Status -Vehicle	[redacted]	
Cycles left to self heal	[redacted]	No Unit
HV Battery Charge Power 2sec	[redacted]	watts
HV Battery Charge Power 10sec	[redacted]	watts
HV Battery Discharge Power 2sec	[redacted]	watts
HV Battery Discharge Power 10sec	[redacted]	watts
Key - DriveRdy (CAN)	[redacted]	
Battery Lifetime Number Of Closes	[redacted]	
Battery Full AmpHr Capacity	[redacted]	AmpHrs
Battery Cell Voltage Maximum	[redacted]	mV
Battery Cell Voltage Minimum	[redacted]	mV
Battery Cell Voltage Average	[redacted]	mV
Battery Temperature Maximum Module	[redacted]	°F
Battery Temperature Minimum Module	[redacted]	°F
Battery Temperature Average Module	[redacted]	°F
DTC Extended Data Record Number - All	[redacted]	
DTC Extended Data Record Number - 2	[redacted]	
HV Battery Charge Power [redacted]	[redacted]	watts
HV Battery Discharge Powe[redacted]	[redacted]	watts
Key Position	[redacted]	
SOC	[redacted]	%
HV Bat SOH-R	[redacted]	%
HV Bat SOH-C	[redacted]	%
Cell Impedance Max Discharge	[redacted]	mOhms
Cell Impedance Min Discharge	[redacted]	mOhms
HVIL Status - Battery pack	[redacted]	
HVIL PWM Duty Cycle source - Vehicle	[redacted]	%
HVIL PWM Duty Cycle Source - Battery	[redacted]	%

[redacted] PWM Duty Cycle Sink - Battery	[redacted]	%
[redacted] PWM Frequency source - Vehicle	[redacted]	Hz
[redacted] PWM Frequency Sink - Vehicle	[redacted]	Hz
[redacted] PWM Frequency Source - Battery	[redacted]	Hz
[redacted] PWM Frequency Sink - Battery	[redacted]	Hz
[redacted] Returned current - Vehicle	[redacted]	mA
[redacted] Returned current - Battery	[redacted]	mA
Battery Cell Highest Cell number	[redacted]	
Battery Cell Lowest Cell number	[redacted]	
HV Battery Current Sensor Primary	[redacted]	Amps
HV Battery Current Sensor Secondary	[redacted]	Amps
HV Battery Current HVBatCrnt	[redacted]	Amps
HV Battery Voltage (cell sum)	[redacted]	Volts
HV Battery Voltage (Module Sum)	[redacted]	Volts
Battery Temperature Highest Sensor number	[redacted]	
Battery Temperature Lowest Sensor number	[redacted]	
HV Cooling Battery coolant inlet temp	[redacted]	°F
HV Cooling Battery coolant outlet temp	[redacted]	°F
BPCM temperature max	[redacted]	°F
BPCM temperature min	[redacted]	°F
Vehicle Isolation Impedance (Positive side)	[redacted]	Mega Ohms
Vehicle Isolation Impedance (Negative side)	[redacted]	Mega Ohms
Vehicle Isolation Impedance (Equivalent)	[redacted]	Mega Ohms
Battery Isolation Impedance (Positive side)	[redacted]3	Mega Ohms
Battery Isolation Impedance (Negative side)	[redacted]	Mega Ohms
Battery Isolation Impedance (Equivalent)	[redacted]	Mega Ohms
Engine Speed	[redacted]	rpm
Accelerator position	[redacted]	%
GPS Date - Year	[redacted]	Year
GPS Date - Month	[redacted]	
GPS Date - Day	[redacted]	Days
UTC Time - Hours	[redacted]	Hours
UTC Time - Minutes	[redacted]	
UTC Time – Seconds	0	seconds
HCP - System Shutdown Command (CAN)	[redacted]	
HCP - ePT LOC Diagnostics Enable (CAN)	[redacted]	
HCP - Propulsion system active (CAN)	[redacted]	
HV Sensor- Pack Voltage (U [redacted] P - U [redacted] M)	[redacted]	Volts

HV Sensor - DC Link Voltage (U DC LINK)	[redacted]
HV Sensor - main fuse Voltage (U MAIN P - U MAIN M) - U DC LINK	[redacted]
OBCM Fuse Voltage (U MAIN P - U AUX FUSE)	[redacted]
APM Fuse Voltage (U MAIN P - U AUX REL)	[redacted]
HV Sensor - Battery Voltage - Positive contactor (U BAT P)	[redacted]
HV Sensor - Battery Voltage - Negative contactor (U BAT M)	[redacted]
HV Sensor - Weld Contactor Voltage - Positive contactor (U MAIN P)	[redacted]
HV Sensor - Weld Contactor Voltage - Negative contactor (U MAIN M)	[redacted]
HV Sensor - U AUX FUSE	[redacted]
HV Battery Total Amp [redacted] Capacity (CAN)	[redacted]
HV Battery - Pack Isolation state (CAN)	[redacted]
HV Battery - Powertrain Isolation state (CAN)	[redacted]
HV Sensor - Pack Voltage VALIDITY (CAN)	[redacted]
HV Battery Total Amp [redacted] Capacity VALIDITY (CAN)	[redacted]
[redacted] - MCU Reset Counter	[redacted]
[redacted] - RAM Reset Counter	[redacted]
[redacted] - ROM Reset Counter	[redacted]
[redacted] - Hall current sensor supply voltage ([redacted])	[redacted] Volts
[redacted] - Precharge Penalty Timer (CAN)	[redacted]
[redacted] - RTC Circuit Status	[redacted]
[redacted] - HVBat Sleep Time	[redacted]
[redacted] - System Mode	[redacted] No Unit
[redacted] - HV Battery pack contactor request (CAN)	[redacted]
[redacted] - HV Battery Pack contactor Open (CAN)	[redacted]
[redacted] - HV Battery pack Contactor welded and impeded opening (CAN)	[redacted]
[redacted] - Crash Indication (CAN)	[redacted]
[redacted] - Crash Indication VALIDITY (CAN)	[redacted]
[redacted] - Retention Status	[redacted]
[redacted]M - Active weld check type	[redacted]
[redacted] - Current Category of Wearout Counter	[redacted]
HV Contactor State - Positive Contactor	[redacted]
HV Contactor State - Negative Contactor	[redacted]
HV Contactor State - Precharge Contactor	[redacted]
CSC Fault - Cn Pin Open	[redacted]
CSC Fault - Cn Short to SWn	[redacted]
CSC Fault - Auxiliary channel 1 Pin Open	[redacted]
CSC Fault - Auxiliary channel 2 Pin Open	[redacted]
CSC Fault - Measured result difference between Alternative path and Primary path is out of range	[redacted]
CSC Fault - Balancing Switch Short	[redacted]
CSC Fault - Balancing Switch Open	[redacted]
CSC Fault - Alternate reference voltage is out of range	[redacted]

CSC Fault - Vaa voltage is out of range	[redacted]
CSC Fault - Level-shift amplifier offset voltage is out of range	[redacted]
CSC Fault - Stuck ADC output bits verification with [redacted]-scale	[redacted]
CSC Fault - Stuck ADC output bits verification with full-scale	[redacted]
CSC Fault - Multiplexer Open/Short verification with [redacted] HVMUX test current source	[redacted]
CSC Fault - Multiplexer Open/Short verification with [redacted] HVMUX test current sources	[redacted]
CSC Fault - Measured result difference between Module voltage and Cell voltage summation	[redacted]
CSC Fault - [redacted] < [redacted]uv	[redacted]
CSC Fault - [redacted] - Vdcin > [redacted]ov	[redacted]
CSC Fault - Die Temperature is over the upper limit	[redacted]
CSC Fault - Scanning for cell information is not complete	[redacted]
CSC Fault - ADC Data Path error	[redacted]
CSC Fault - Packet Error Check	[redacted]
CSC Fault - Power-on reset event occurred	[redacted]
CSC Fault - [redacted] oscillator frequency is not within [redacted] of its expected value	[redacted]
CSC Fault - Same as Alrtosc1 (redundant alert)	[redacted]
CSC Fault - Die Temperature is over the upper limit	[redacted]
CSC Fault - Module number addressing is fail	[redacted]
CSC Fault - Alive counter is not matched to the exepected value	[redacted]
CSC Fault - PEC Bits in Data-check byte error	[redacted]
CSC Fault - [redacted] - [redacted] is too low	[redacted]
CSC Fault - Transmit data is not equal to read back data	[redacted]
CSC Diagnostics - Initialization Status	FF FF FF FF
CSC Diagnostics - CSC #01 Status	00 00 00 00
CSC Diagnostics - CSC #02 Status	00 00 00 00
CSC Diagnostics - CSC #03 Status	00 00 00 00
CSC Diagnostics - CSC [redacted] Status	00 00 00 00
CSC Diagnostics - CSC #05 Status	00 00 00 00
CSC Diagnostics - CSC #06 Status	00 00 00 00
CSC Diagnostics - CSC #07 Status	00 00 00 00
CSC Diagnostics - CSC [redacted] Status	00 00 00 00
CSC Diagnostics - [redacted] Internal Operation Mode	[redacted]
HVIL PWM Duty Cycle sink - Vehicle	[redacted]
SBC Status	[redacted]
Vref UV Flag	[redacted]
Vref UV State	#0 Standby
5UV count @open	0
5UV count @close	0
12dip count @open	0
12dip count @close	0

Pos HSD Feedback Voltage	[redacted]
Pos HSD Feedback Current	[redacted]
Neg HSD Feedback Voltage	[redacted]
Neg HSD Feedback Current	[redacted]
OCM Value Mon Curr Enrg Val	[redacted]
Retention Diagnosis Case	[redacted]
Retention Diagnosis Flag	[redacted]
Retention Diagnosis Status	[redacted]

ABSO | [redacted] | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	[redacted]
[redacted]	[redacted]00	
Test Failed	[redacted]	
Test Failed This Operation Cycle	[redacted]	
Pending [redacted]	[redacted]	
Confirmed [redacted]	[redacted]	
Test Not Completed Since Last Clear	[redacted]	
Test Failed Since Last Clear	[redacted]	
Test Not Completed This Operation Cycle	[redacted]	
Warning Indicator Requested	[redacted]	
Occurrence flag	[redacted]	
Controller Event	[redacted]	
Mirror Memory	[redacted]	
Undervoltage Suspected	[redacted]	
Original Odometer Value	[redacted]	
Most Recent Odometer Value	[redacted]	
Frequency Counter	[redacted]	
[redacted] Cycle Counter	[redacted]	
Fault Time	[redacted]	
Current System Mode	[redacted]	
Previous System Mode	[redacted]	
Wheel Speed Left Front	[redacted]	
Rotation Direction Left Front	[redacted]	
Wheel Speed Right Front	[redacted]	
Rotation Direction Right Front	[redacted]	
Wheel Speed Left Rear	[redacted]	
Rotation Direction Left Rear	[redacted]	
Wheel Speed Right Rear	[redacted]	
Rotation Direction Right Rear	[redacted]	
Steering Wheel Angle	[redacted] °	
Longitudinal Acceleration	[redacted]	
Yaw Rate	[redacted]	

Supplier Internal Code	[redacted]

DASM | [redacted] | Stored | PCM Disabled ECU-

NAME	VALUE	UNITS
[redacted]		
Test Failed	[redacted]	
Test Failed This Operation Cycle	[redacted]	
Pending [redacted]	[redacted]	
Confirmed [redacted]	[redacted]	
Test Not Completed Since Last Clear	[redacted]	
Test Failed Since Last Clear	[redacted]	
Test Not Completed This Operation Cycle	[redacted]	
Warning Indicator Requested	[redacted]	
Occurrence flag	[redacted]	
Original Odometer Value	[redacted]	
Most Recent Odometer Value	[redacted]	
Frequency Counter	[redacted]	
Operation Cycle Counter	[redacted]	
Vehicle Speed	[redacted]	
Ignition Voltage	[redacted]	
System Voltage	[redacted]	

DASM | [redacted]0 | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
[redacted]	[redacted]00	
Test Failed	[redacted]	
Test Failed This Operation Cycle	[redacted]	
Pending [redacted]	[redacted]	
Confirmed [redacted]	[redacted]	
Test Not Completed Since Last Clear	[redacted]	
Test Failed Since Last Clear	[redacted]	
Test Not Completed This Operation Cycle	[redacted]	
Warning Indicator Requested	[redacted]	
Occurrence flag	[redacted]	
Original Odometer Value	[redacted]	
Most Recent Odometer Value	[redacted]	
Frequency Counter	[redacted]	
Operation Cycle Counter	[redacted]	
Vehicle Speed	[redacted]	
Ignition Voltage	[redacted]	
System Voltage	[redacted]	

IDCM | [redacted] | Active | DC to DC Converter System Performance-

SessionID	[redacted]

NAME	VALUE	UNITS
DTC	[redacted]	
Test Failed	[redacted]	
Test Failed This Operation Cycle	[redacted]	
Pending DTC	[redacted]	
Confirmed DTC	[redacted]	
Test Not Completed Since Last Clear	[redacted]	
Test Failed Since Last Clear	[redacted]	
Test Not Completed This Operation Cycle	[redacted]	
Warning Indicator Requested	[redacted]	
DTC Extended Data Record Number	[redacted]	
Occurrence flag	[redacted]	
Original Odometer Value	[redacted]	
Most Recent Odometer Value	[redacted]	
Frequency Counter	3	
Ignition Cycle Counter	1	
APM High Voltage DC Current Set Point	[redacted]	
APM Low Voltage DC Current Set Point	[redacted]	
HCP Commanded APM Operating Mode	[redacted] CV	
APM High Voltage DC Voltage Set Point	[redacted]	
Low voltage battery voltage from HCP	[redacted]	
APM Low Voltage DC Voltage Set Point	[redacted]	
EPT LOC Diag Enable	[redacted]	
HCP Shutdown Command	[redacted]	
APM Internal Mode	[redacted]	
APM Wake Up Status	[redacted]	
APM Wake Up Reason	[redacted]	
[redacted] Battery Connector Open	[redacted]	
HV Contactor Status	[redacted]	
HV Battery Voltage from BPCM	[redacted]	
APM Estimated Power	[redacted]	
APM HV side Current Feedback	[redacted]	
APM LV side Current Feedback	[redacted]	
APM Operation Mode Status Reported from APM	[redacted]	
APM HV Side Voltage Feedback	[redacted]	
APM LV Side Voltage Feedback	[redacted]	
APM Current Limit Mode	[redacted]	
APM Power Limit Mode	[redacted]	
APM HV Over V Status	[redacted]	
APM LV High I Status	[redacted]	
APM LV High V Status	[redacted]	
APM LV Low V Status	[redacted]	

CurrentFailSts_APM		
GenericFailSts_APM		
APM Derating Mode Status		
APM Derating Reason		
APM Failure Mode Status		
APM Failure Reason		
APM Temp Cold Plate		°F
APM Temp [redacted]		°F
APM Temp [redacted]		°F
APM Util Pct of DC/DC		%
APM Batt Feed Volt		Volt
APM [redacted] HV Set P Feedback		AMP
APM Derating Power		Watt
APM LV I Set P Feedback		AMP
APM HV V Set P Feedback		Volt
APM V DC LV Set P Feedback		Volt
APM Input Power		Watt
APM Output Power		Watt
APM_CurrentOperTime		sec
APM_TotalOperTime		Hours
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

SNAPSHOT DATA SUMMARY

No Snapshot Data available for [redacted]

No Snapshot Data available for [redacted]

No Snapshot Data available for [redacted]

No Snapshot Data available for [redacted]

No Snapshot Data available for [redacted]

No Snapshot Data available for [redacted]

No Snapshot Data available for [redacted]

No Snapshot Data available for [redacted]

SessionID # [redacted]