



WI
TECH 2.0

CONFIGURATION REPORT

Vehicle [REDACTED] DI TURBO PHEV ENGINE

Odometer 5648.1 miles

Publication Date [REDACTED]

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C	[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]
AMP	Amplifier	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IPC	Instrument Panel Cluster	[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]
BPCM	Battery Pack Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HCP	Hybrid Control Processor	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AHCP	Auxiliary Hybrid Control Processor	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ABSO	Anti Lock Brakes OBD	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SGW	Security Gateway Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

SessionID # [REDACTED]

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

DPDM	Driver Presence Detection Module	CAN-C				
IDCM	Integrated Dual Charge Module	CAN-C				

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
TCM	/					
PCM						
ICS						
RFH						
ESM						
D						
ORC						
EPS						
HVAC						
AMP						
IPC						
SCCM						
BCM						
RADIO						
BPCM	Rest of world / ROW					
HCP						
AHCP						
ABSO						
SGW						
DPDM						
IDCM						

CONFIGURATION

CONFIGURATION

NAME	VALUE	UNITS
Autostick/ERS On/Off Switch Equipped		
Paddle-Shift Switches Equipped		
Shifter with Sport Mode Position Equipped		
Shifter with Low Mode Position Equipped		
Sport Mode Switch or Virtual Switch (Non-Terrain) Equipped		
Off or Tow Haul Mode Switch or Virtual Switch (Non-Terrain) Equipped		
ECO/Optimizer Switch Equipped		
ERS/Autostick/Tip Non-paddle on Steering Wheel equipped		
ERS/Autostick/Tip Non-paddle on Shifter in D position equipped		
ERS/Autostick/Tip Non-paddle on Shifter in A or M position equipped		

Equipped

RWD Equipped

AWD Equipped

4WD with switchable Lo Range equipped

Engine Start/Stop equipped

Polystable E-shift (Cableless without return-to-center) equipped

Long Learn Enabled

Short Learn Enabled

PCM CONFIGURATION

NAME	VALUE	UNITS
AC Equipped		
AC Equipped Over Bus		
Power Steering Switch Equipped		
4 Button Integrated Cruise Control		
EMAT (Getrag DCT transmission) Equipped		
Vehicle Speed Sensor #1 Calculated from CAN		
Police Package Equipped		
Unleaded Gasoline Fuel		
Unleaded diesel fuel		
Engine		
4 Speed Transmission Equipped		
Electronic Transmission () Equipped		
Vehicle Speed Sensor #1 Calculated by ECU		
V8 Engine		
V8 Engine		
V8 Engine		
Sensorless FFV Enabled		
Electronic Throttle Control Equipped		
V6 Engine		
4.0 Liter I6 Engine		
V6 Engine		
V6 Engine		
V6 Engine		
V6 Engine		
V6 Engine		
V6 Engine		
MTV Solenoid Equipped		
MDS Equipped		
Turbocharger Equipped		
SRV Equipped		
Secondary Air Equipped		
Shift Indicator Lamp Equipped		
Barometric Sensor Equipped		

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

TIP Equipped

Battery Temp Sensor Equipped

Knock Sensor 1 Equipped

Knock Sensor 2 Equipped

Variable Valve Timing Equipped

Clutch Interlock Switch Equipped

ECM Equipped

Linear Purge Equipped

Linear EGR Equipped

Continuous Variable Transmission Equipped

Direct Injection Equipped

Secondary Fuel Pump Equipped

Electronic Coolant Pump Equipped

Sensor Bank 1 Sensor 1 Equipped

Sensor Bank 1 Sensor 2 Equipped

Sensor Bank 1 Sensor 3 Equipped

Sensor Bank 2 Sensor 1 Equipped

Sensor Bank 2 Sensor 2 Equipped

Variable Displacement AC Equipped

Fixed displacement AC Equipped

4 Intake Flow Control Valve Equipped

Electric Coolant Valve Equipped

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 Equipped

Wide Range O2 Sensor 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

engine

engine

engine

Engine

Tumble Generator Valve Equipped

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

Hybrid Electric Vehicle Equipped

Auxiliary Heater Electric Water Pump Equipped

Dual Speed Fuel Pump Equipped

Exhaust Cam 2 Equipped

Intake Cam 2 Equipped

1 Speed Fan Mechanical Relay System Equipped

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

Fan Wake Up Relay System Equipped

2 Speed Fan 3 Driver 3 Relay System Equipped

/ /

/ /

/

VLP Is Learnable Indicator

VLP Equipped Indicator

VFS Actuators Available Indicator

ERS Equipped Indicator

Engine Software In Package

Transmission Software Included

Cruise Equipped

ETC Cruise equipped

Adaptive Cruise Control Equipped

A/C Equipped

Adaptive Cruise Control Hardware Equipped

DUAL_ALTERNATOR_GEN1_LEARNEDCOPY

TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED

Equipped

Equipped

Equipped

Cummins Equipped

Equipped

VMM Equipped

Powernet Equipped

() Equipped

() Equipped

Equipped

Bus Equipped

Constant Heater Temperature Control Valve Equipped

High Side Port Valve Equipped

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

Equipped	
Turbine Volute Valve Actuator Equipped	
H- Equipped	
Active Exhaust Valve Equipped	
Active Exhaust Pressure Sensor Equipped	
Engine Idle Shutoff Equipped	
App RWD Transmission Equipped	
Cooled EGR Equipped	
Supercharger Equipped	
Low Temperature Radiator Coolant Pump Equipped	
Mechanical Coolant Pump Heater Equipped	
Auxiliary Coolant Pump Heater Equipped	
Compressed Natural Gas Equipped	
PROXI Write Programming Support Enabled	
Active Engine Mount Equipped	
ZF 9- Transmission Equipped	
HPT Transmission Equipped	
Variable Fuel Pump Equipped	
Operator Idle Request Equipped	
PTO System Equipped	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	
Dual Stage Oil Pump Equipped	
Auxiliary Coolant Pump Equipped	
Trans Skip Shift Equipped	
Trans Reverse Lockout Equipped	
Port Flap Valve Equipped	
Brushless PWM Fan Equipped	
Engine	
Primary Lin Alternator Equipped	
Coolant On-Off Pump Equipped	
Oil Pressure Sensor Enabled	
VIN Learning Strategy Equipped	
Dual Fuel Tank Equipped	
Yaw Rate Sensor ESC Equipped	
I3 Engine	
Coolant On-Off Valve Equipped	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	
Throttle Inlet Temp Sensor Equipped	
Humidity, Temperature Sensor (LIN) Equipped	
Dual Fuel Pressure Sensor Equipped	
Brake Pedal Sensor Equipped	

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

Dual Fuel Tank Equipped		
PTO System Equipped		
Low Temp Radiator Coolant Pump Equipped		
Engine Idle Shutoff Equipped		
A/C Relay Powered from Engine Switched Battery		
CNG Large Gas Tank Equipped		
Equipped EGR Equipped		
Supercharger Equipped		
Hybrid MFC Shifter Equipped		
Capable		
Auxiliary Coolant Pump Equipped		
Speed Trans Equipped		
Speed Trans Equipped		
CUSW Cruise Equipped		
Power Steering Angle Sensor Mandatory		
Throttle Inlet Temp Sensor Equipped		
LIN Humidity, Temp, and Pressure Sensor Equipped		
Dual Fuel Pressure Sensor Equipped		
Brake Pedal Sensor Equipped		
Clutch Sensor Equipped		
SWAP HARDWIRED BRAKE SWITCH INPUTS		
Mass Airflow System Equipped		
Bi-Directional Crank Sensor Equipped		
Cruise (LIN) Equipped		
Operator Idle Speed Request Equipped		
EQUIPPED		
Cylinder Pressure Sensor Equipped		
Make Up Air Sensor Equipped		
Active Exhaust Pressure Sensor Equipped		
Secondary Mass Airflow Sensor Equipped		
I3 Engine		
I4 Direct Injection Engine		
Variable Valve Lift Equipped		
Coolant On-Off Pump Equipped		
Primary Lin Alternator Equipped		
Electronic Parking Brake Equipped		
Active Exhaust Valve(s) Equipped		
Mechanical Coolant Pump Equipped		
Aux Coolant Pump Heater Equipped		
Heater Temp Control Valve Equipped		
High Side Port Valve Equipped		
Equipped		
Remote Start Present		
Engine Oil Pressure Sensor Type		None

ICS CONFIGURATION

NAME	VALUE	
Display Type (Base)		
Display Type (Mid)		
Display Type (High)		

RKE CONFIGURATION

NAME	VALUE	UNITS
PIN Successfully Programmed		
VIN Successfully Programmed		
Valid Key In Ignition		
Keyless Go		
Ignition system type connected		
e-shifter present		
Auto Park Present		
Secret Codes Programmed		
Passive Entry		
RKE		
Module Configuration Status		
Remote Start Present		
Programmed by		
Hardware Configuration: Remote Start Antenna		
Hardware Configuration: Front Left Door Handle H/W		
Hardware Configuration: Front Right Door Handle H/W		
Hardware Configuration: Rear Left Door Handle H/W		
Hardware Configuration: Rear Right Door Handle H/W		
Hardware Configuration: Trunk Door Handle H/W		
RFHub Locked		
Fob Location #1 Successfully Programmed		
Fob Location #2 Successfully Programmed		
Fob Location #3 Successfully Programmed		
Fob Location #4 Successfully Programmed		
Fob Location #5 Successfully Programmed		
Fob Location #6 Successfully Programmed		
Fob Location #7 Successfully Programmed		
Fob Location #8 Successfully Programmed		
Back Up Vehicle Config 1		
Back Up Vehicle Config 2		
Back Up Vehicle Config 3		
Back Up Vehicle Config 4		
Back Up Vehicle Config 5		
Back Up Vehicle Config 6		
Back Up Vehicle Config 7		
Back Up ECU Configuration 1		

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

Back Up ECU Configuration 2

Back Up ECU Configuration 3

Back Up ECU Configuration 4

Back Up ECU Configuration 5

Back Up ECU Configuration 6

Back Up ECU Configuration 7

Back Up ECU Configuration 8

Back Up ECU Configuration 9

Back Up ECU Configuration 10

Back Up ECU Configuration 11

Back Up ECU Configuration 12

Back Up ECU Configuration 13

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 ()

Back Up Customer Settings Menu 2 ()

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

()

Driver Seatbelt Buckle Switch

Passenger Seatbelt Buckle Switch

Left seat belt Switch

Center seat belt Switch

Second Row Right seat belt Switch

Driver Seat Track Position Sensor

Passenger Seat Track Position Sensor

Passenger Occupant Detection Sensor

Passenger Airbag Disable Switch

Passenger Airbag Disable Indicator

Driver Frontal Squib 1

Driver Frontal Squib 2

Driver Frontal Squib 3

Passenger Frontal Squib 1

Passenger Frontal Squib 2

Passenger Frontal Squib 3

Driver Knee Bolster Squib

Passenger Knee Bolster Squib

Driver Seatbelt Retractor Pretensioner

Passenger Seatbelt Retractor Pretensioner

Driver Seatbelt Load Limiter

Passenger Seatbelt Load Limiter

Driver Seatbelt Anchor Pretensioner

Passenger Seatbelt Anchor Pretensioner

Driver Seatbelt Buckle Pretensioner

Passenger Seatbelt Buckle Pretensioner

Left Curtain Squib 1

Right Curtain Squib 1

Left Side Seat Squib 1

Right Side Seat Squib 1

Left Seat Side Airbag

Second Row Right Seat Side Airbag

Driver Frontal Squib 4

Passenger Frontal Squib 4

Left Up-Front Acceleration Sensor

Right Up-Front Acceleration Sensor

Right B-Pillar Impact Acceleration Sensor

Left B-Pillar Impact Acceleration Sensor

Left C-Pillar Impact Acceleration Sensor

Right C-Pillar Impact Acceleration Sensor

Right D-Pillar Impact Acceleration Sensor

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

Left Impact Acceleration Sensor
 Left Side Door Pressure Sensor
 Right Side Door Pressure Sensor
 Configuration Column Identifier

HVAC CONFIGURATION

NAME	VALUE	UNITS
DualZone ATC Control (Factory)		
DualZone ATC Control		
Dual Zone MTC Control		
Single Zone MTC Control		
MTC With EBL ()		
MTC Without EBL ()		
MTC heater only ()		

AMP CONFIGURATION

NAME	VALUE	UNITS
C Calibration Date - Year		
C Calibration Date - Week		
C Calibration Date - Patch Level		
Current Calibration ID - Service		
C Status		
Surround Sound Activated		
Door Module - Left Front		
Door Module - Right Front		
Premuim - 1		
Premuim - 2		
Premuim - 3		
Non -		
No Rear Doors		
No		

IPC CONFIGURATION

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

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

CONFIGURATION

NAME		
Rear Wiper		
Telescope		
Paddle Shifter		
Cruise Control / ACC		

BCM CONFIGURATION

NAME	VALUE	UNITS
RBSM		
LBSM		
BCM (Interior Bus)		
HSM		
HVAC		
P		
Radio		
ITM		
AMP		
EDM		
HVAC_R		
TBM		
AHLM/AFLS		
ASCM		
BCM (PT)		
D		
PCM		
EPS		
ESM		
ABS		
RFH		
PTS		
AFLS		
DPDM		

Number of Reprogramming Attempts - Counter #0	0	
Vehicle Configuration Programmed Status		
Last Programmed Status		
Last Configuration Odometer		miles
Vehicle Configuration Auto Write Counter	1	
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: OBD-II Network		
Programmed ECUs: P/T Chassis Network		
Programmed Network Configuration - Audio / Telematics Network		
Programmed ECUs: Hybrid LAN Network		
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		

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

Remote Start Present	
Drive Configuration	
Emode Present	
Auto Highbeam	
Body Style	
Maximum Vehicle Speed	
Shifter	
Performance Pages Present	
Special Packages	
PTS Configuration	
Hill Descent Feature Present	
Select Speed Control Feature Present	
Power Inverter	
Thatcham Present	
Rain Sensor Present	
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	
System Present	
Present	
T-Case	
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	
Present	
Vehicle is an SRT	
Disable Display of Radio Clock	
Chassis	

Display Outside Temperature Present		
HVAC Configuration		
Vehicle Brand		
Display Compass Heading Present		
Interior EC Mirror Present		
system present		
High Intensity Discharge Head Lamps		
Secondary Lock Present		
Liftgate/Trunk Type		
Collision Mitigation System present		
Forward Collision Warning present		
Base system present		
Premium system present		
Paddle Shift Feature Present		
Sport Mode Present		
Auto Park Present		
Passive Entry Present		
Keyless Go Present		
Transfer Case High Ratio		No Unit
Axle Ratio		
Transfer Case Low Range Reduction Ratio		
Dynamic Tire Circumference (All or Rear)		
Dual Rear Wheel (DRW) Vehicle Present		
Non-Regulated Tire () Present		
Ratio at		No Unit
Ratio at Positive Angle 1		No Unit
Ratio at Positive Angle 2		No Unit
Ratio at Positive Angle 3		No Unit
Ratio at Positive Angle 4		No Unit
Ratio at Positive Angle 5		No Unit
Analog Door Sensor Configuration		
Air Quality System Present		
Ratio at Negative Angle 1		No Unit
Ratio at Negative Angle 2		No Unit
Ratio at Negative Angle 3		No Unit
Ratio at Negative Angle 4		No Unit
Ratio at Negative Angle 5		No Unit
Ambient Light Dimmer Wheel Input Present Pin G9		
Low Beam Output Present - Pin A3, D2		
Rear Wiper Motor Park Present - Pin		
Left Rear Door Ajar Input Present - Pin		
Front Driver Analog Door Ajar Input Present - Pin		
Reserved - Pin		
Horn Switch Input Present - Pin		

Reserved -	
Hood Ajar Switch Input Present - Pin	
Hard Top Sense Present - Pin	
Reserved -	
Reserved - Pin	
Passenger Door Ajar Signal Present - Pin	
Reserved - Pin	
Reserved - Pin	
Starter Relay Lowside Coil Drive - Pin D7	
Diesel Cabin Heater #2 Output Present - Pin D9	
Diesel Cabin Heater #3 Output Present - Pin	
Diesel Cabin Heater #4 Output Present - Pin	
Right Dedicated DRL Lamp Output Present - Pin	
Left Dedicated DRL Lamps Output Present - Pin	
Flipper Glass #2 Output Present	
Foot Well Lamps Output Present - Pin	
Front Fog Lamps Output Present - Pin A14	
Inverter Enable Relay Output Present - Pin	
Reserved -	
Gated Park ZFI Output Present - Pin D-	
Reserved - Pin	
Rear Fog Lamps Output Present - Pin &	
Rear Park Lamps Output Present - Pin &	
Rear Turn Lamps Output Present - Pin &	
Run-ACC Y Relay #2 Output Present - Pin	
Side Markers Output Present - Pin &	
Trailer Backup Lamps Output Present - Pin	
Reserved - Pin F4	
UGDO Feed Output Present - Pin	
Warning LED Output Present - Pin	
Park Brake Input Present - Pin	
Ambient Temperature Sensor Present - Pin	
Tip Start Enabled	
Dual Start Relay System Present	
Wiper Service Position Enabled	
Trailer Tow Present	
Quad Headlamps Enable	
Horn Chirp Allowed	
Bi Xenon Headlamps Enable	
Hazard Lamp Configuration	
Park Lamp Loadshed Enable	
Front Fog Lamp Dropout Enable	
Combined Rear Lighting Enable	
Side Repeaters Enable	

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

Lane Change

Exterior Light Loadshed Enable

Front Wiper Park Enable

Rear Wiper Park Enable

Reversible Washer Pump Enable

Tail Lamp

Configuration

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

Door Lock Switch Signal FT LT Usage (F9)

Door 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

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

B Present

Vehicle Theft Alarm Present

Heated Steering Wheel Present

VIN Check Digit Diabie

Surround Sound Feature Present

Power Door Locks Present

Antenna Type

CTP Max AC Present

Hybrid Electric Powertrain Present

Disable CD Effect

DTV Front Camera Present

DTV Side Camera Present

Tow Haul Present

Hill Descent Control Present

Audio Steering Wheel Switch Configuration

Radio Display On/Off Softkey Present

Microphone Tuning Parameter

Microphone Configuration

Microphone Type

External Port Type

Splashscreen Type

ERS Available

Rear Wheel Dually

Max Gear

Virtual Speedometer Units

Speedometer Range Max Scale

IC Config Feature

PTO Present

AMB Dimmer

Heated Seat Present

Split Shaft Present

Manual Headlamp Leveling

Gear Shift Indicator

Service Interval

Temperature Celsius for UK

Type of Gallons

Tip Start Present

5 Trunk Lock

Airport Scenario Trunk Set

1 Left Front

AP2 Right Front

Left Rear

AP4 Right Rear

Global Up

Global Down		
Sun Shade		
Puddle Lamp Present		
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 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 Ped Present		
Airbags Present		
Reserved		
Reserved		
Integrated EPP Present		
BUX vehicle		

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

Tilt	
Swing Gate Lock Present - Pin	
Swing Gate Unlock Present - Pin	
Front Fog Voltage	
Rear Fog Voltage	
Lamp Output Disable	
Secondary Door Ajar Present - Pin	
Master 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	
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	
TSBM Module Present	
ADR feature Present	
AGS Feature Present	

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

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

Rear camera customer settings menu

Rain sensitive wipers customer settings menu

Power take off customer settings menu

Pressure unit customer settings menu

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

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

RADIO CONFIGURATION

NAME	VALUE	UNITS
Satellite Subscription ID		
Satellite Subscription Status		
Satellite Subscription Reason Code		
Satellite Subscription Suspend Day		
Satellite Subscription Suspend Month		

Satellite Subscription Suspend Year	[REDACTED]	
[REDACTED] Button	[REDACTED]	
SDARS	[REDACTED]	
Navigation Active	[REDACTED]	
Cellular	[REDACTED]	
Internal CD Player	[REDACTED]	
[REDACTED]	[REDACTED]	
Bluetooth	[REDACTED]	
Application Framework	[REDACTED]	
FM Diversity	[REDACTED]	
Clock Defeat	[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]	
Compass on the bus messaging Authorization	[REDACTED]	
GPS on the Bus messaging Authorization	[REDACTED]	
USB Hubs Detected	[REDACTED]	No Unit
SD Card Readers Detected	[REDACTED]	No Unit
Enumerated USB Devices	[REDACTED]	No Unit
Aux Jack	[REDACTED]	
DTV Short Term Configuration	[REDACTED]	

ABSO CONFIGURATION

NAME	VALUE	UNITS
Vehicle Line Identification	[REDACTED]	
Displacement	[REDACTED]	No Unit
Hybrid Type	[REDACTED]	
Trans Type	[REDACTED]	
Drive Configuration	[REDACTED]	
Chassis Type	[REDACTED]	
Axle Ratio	[REDACTED]	No Unit
Tire Circumference	[REDACTED]	[REDACTED]



WI
TECH 2.0

VEHICLE SCAN REPORT

Vehicle [REDACTED] DI TURBO PHEV ENGINE

Odometer 5648.1 miles

Publication Date [REDACTED]

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C	[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]
AMP	Amplifier	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IPC	Instrument Panel Cluster	[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]
BPCM	Battery Pack Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HCP	Hybrid Control Processor	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AHCP	Auxiliary Hybrid Control Processor	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ABSO	Anti Lock Brakes OBD	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SGW	Security Gateway Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

SessionID # [REDACTED]

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

DPDM	Driver Presence Detection Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IDCM	Integrated Dual Charge Module	CAN-C	[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]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ICS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RFH	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ESM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DTCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ORC	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EPS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HVAC	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AMP	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IPC	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RADIO	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
B [REDACTED]	Rest of world / ROW	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HCP	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AHCP	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ABSO	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SGW	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DPDM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IDCM	[REDACTED]	[REDACTED] 00	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
TCM	[REDACTED]	[REDACTED]	Stored
[REDACTED]	[REDACTED]	[REDACTED]	Stored
DTCM	[REDACTED]	[REDACTED]	Stored
B [REDACTED]	[REDACTED]	[REDACTED]	Stored
HCP	[REDACTED]	[REDACTED]	Active
HCP	[REDACTED]	[REDACTED]	Stored
HCP	[REDACTED]	[REDACTED]	Stored
HCP	[REDACTED]	[REDACTED]	Stored
[REDACTED]	[REDACTED]	[REDACTED]	Stored
ABSO	[REDACTED]	[REDACTED]	Stored

ENVIRONMENTAL DATA SUMMARY

TCM | [REDACTED] | Stored | Park-By-Wire - Unintended Out of Park Position-

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]	
Original Odometer Value	[REDACTED]	
Most Recent Odometer Value	[REDACTED]	
Frequency Counter	[REDACTED]	
Ignition Cycle Counter	0	

PCM | [REDACTED] | Stored | Implausible Data Received From Hybrid Control Module

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	[REDACTED]	
Starts Since Set Counter	[REDACTED]	
Key Cycles Since DTC Last Set Counter	[REDACTED]	
Warm Up Cycles	0	
Good Trip Counter	0	

DTCM | [REDACTED] | Stored | Implausible Data Received From Hybrid Control [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	
Warning Indicator Requested	
DTC Extended Data Record Number - All	
Occurrence flag	
Original Odometer Value	miles
Most Recent Odometer Value	miles
Frequency Counter	
Ignition Cycle Counter	
System Battery Voltage	Volts
Module Battery Voltage	Volts
Transercase motor position sensor supply voltage	Volts
Transercase Motor Current	Amps
Transercase Position Sensor	Volts
DTCM Temperature	°F
Transercase Motor Duty Cycle	%
Transercase Motor Direction State	
Front Axle Locker Sensor Feedback	
Rear Axle Locker Sensor Feedback	
Front Axle Locker Low side Driver	
Rear Axle Locker Low side Driver	
FAD Supply Power Voltage	Volts
FAD Feedback Status	
FAD Feedback Voltage	Volts
FAD Lock request	
Transercase Mode Switch	
Time Since Last Ignition On	minutes
Vehicle Speed	MPH
Left Front Wheel Speed	
Right Front Wheel Speed	
Left Rear Wheel Speed	
Right Rear Wheel Speed	
Brake Pedal	
ESP Requested Center (Transercase) Differential State	
ESP Requested Center Differential Torque	Ft
Steering Wheel Angle	degrees
Delta Steering Wheel Angle	degrees
Ambient Air Temperature	°F
PRNDL Display	
Transmission Current Gear	
Throttle Pedal Position	%
Static Engine/Electric Motor Torque	Ft
Engine RPM	
Actual Mode of Transercase Clutch	
Actual Transercase Clutch Lock Torque	Ft

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

Desired Transference Clutch Lock Torque	[REDACTED]
T-Case Motor Incremental Position Sensor (IPS)	[REDACTED]
T-Case Clutch Wear IPS Position	[REDACTED]
DTCM Internal DTC Reason	[REDACTED]
Transfer Case Shift Inhibited	[REDACTED]
Transference Status	[REDACTED]
File Locker Status (Bus)	[REDACTED]
Clutch Calibration Not Learned reason	[REDACTED]
Electric Motor RPM	[REDACTED]
T-Case Clutch Wear Position (Initial)	[REDACTED] degrees

[REDACTED] | [REDACTED] | Hybrid Battery Precharge Contactor Circuit-

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	[REDACTED]	
[REDACTED] - for this DTC (lifetime fails)	[REDACTED]	events
FoM - for this DTC (lifetime fails counts on pass)	[REDACTED]	
FoM - for this DTC (lifetime longest fail on pass)	[REDACTED]	
Battery Total Time Awake	[REDACTED]	
Key in Ignition	[REDACTED]	
EPT-WakeUp	[REDACTED]	
HCP Contactor Command	[REDACTED]	
Contactor Status	[REDACTED]	
Plug in Status	[REDACTED]	
Balance Mode	[REDACTED]	
Vehicle Speed	[REDACTED]	
System ([REDACTED] at time of fault)	[REDACTED]	
Battery Lifetime AmpHrs of Charge	[REDACTED]	
Battery Lifetime AmpHrs of DisCharge	[REDACTED]	
HVIL Status -Vehicle	[REDACTED]	
Cycles left to self heal	[REDACTED]	No Unit

HV Battery Charge Power		watts
HV Battery Charge Power		watts
HV Battery Discharge Power		watts
HV Battery Discharge Power		watts
Key - DriveRdy (CAN)		
Battery Lifetime Number Of Closes		
Battery Full AmpHr Capacity		
Battery Cell Voltage Maximum		mV
Battery Cell Voltage Minimum		mV
Battery Cell Voltage Average		mV
Battery Temperature Maximum Module		°F
Battery Temperature Minimum Module		°F
Battery Temperature Average Module		°F
DTC Extended Data Record Number - All		
DTC Extended Data Record Number - 2		
HV Battery Charge Power		watts
HV Battery Discharge Power		watts
Key Position		
SOC		%
HV Bat SOH-R		%
HV Bat SOH-C		%
Cell Impedance Max Discharge		mOhms
Cell Impedance Min Discharge		mOhms
HVIL Status - Battery pack		
HVIL PWM Duty Cycle source - Vehicle		%
HVIL PWM Duty Cycle Source - Battery		%
HVIL PWM Duty Cycle Sink - Battery		%
HVIL PWM Frequency source - Vehicle		Hz
HVIL PWM Frequency Sink - Vehicle		Hz
HVIL PWM Frequency Source - Battery		Hz
HVIL PWM Frequency Sink - Battery		Hz
HVIL Returned current - Vehicle		mA
HVIL Returned current - Battery		mA
Battery Cell Highest Cell number		
Battery Cell Lowest Cell number		
HV Battery Current Sensor Primary		Amps
HV Battery Current Sensor Secondary		Amps
HV Battery Current HVBatCrnt		Amps
HV Battery Voltage (cell sum)		Volts
HV Battery Voltage (Module Sum)		Volts
Battery Temperature Highest Sensor number		
Battery Temperature Lowest Sensor number		
HV Cooling Battery coolant inlet temp		°F
HV Cooling Battery coolant outlet temp		°F

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

temperature max	°F
temperature min	°F
Vehicle Isolation Impedance (Positive side)	Mega Ohms
Vehicle Isolation Impedance (Negative side)	Mega Ohms
Vehicle Isolation Impedance (Equivalent)	Mega Ohms
Battery Isolation Impedance (Positive side)	Mega Ohms
Battery Isolation Impedance (Negative side)	Mega Ohms
Battery Isolation Impedance (Equivalent)	Mega Ohms
Engine Speed	rpm
Accelerator position	%
GPS_Date - Year	Year
GPS_Date - Month	
GPS_Date - Day	Days
UTC_Time - Hours	Hours
UTC_Time - Minutes	
UTC_Time - Seconds	seconds
HCP - System Shutdown Command (CAN)	
HCP - ePT LOC Diagnostics Enable (CAN)	
HCP - Propulsion system active (CAN)	
Qualified Contactor Command - QCC	
Verified Contactor Command - VCC	
HVIL PWM Duty Cycle sink - Vehicle	%
HV Sensor- Pack Voltage (U BAT P - U BAT M)	Volts
HV Sensor - DC Link Voltage (U DC LINK)	Volts
HV Sensor - main fuse Voltage (U MAIN P - U MAIN M) - U DC LINK	Volts
OBCM Fuse Voltage (U MAIN P - U AUX FUSE)	Volts
APM Fuse Voltage (U MAIN P - U AUX REL)	Volts
HV Sensor - Battery Voltage - Positive contactor (U BAT P)	Volts
HV Sensor - Battery Voltage - Negative contactor (U BAT M)	Volts
HV Sensor - Weld Contactor Voltage - Positive contactor (U MAIN P)	Volts
HV Sensor - Weld Contactor Voltage - Negative contactor (U MAIN M)	Volts
HV Sensor - U AUX FUSE	Volts
HV Battery Total Amp Hour Capacity (CAN)	Ahr
HV Battery - Pack Isolation state (CAN)	
HV Battery - Powertrain Isolation state (CAN)	
HV Sensor - Pack Voltage VALIDITY (CAN)	
HV Battery Current HVBatCrnt VALIDITY (CAN)	
HV Battery Total Amp Hour Capacity VALIDITY (CAN)	
- MCU Reset Counter	
- RAM Reset Counter	

BPCM - ROM Reset Counter	0	
BPCM - Safety Mechanism (TSR) Reset Counter	0	
BPCM - Hall current sensor supply voltage ()		
BPCM - Precharge Penalty Timer (CAN)		
BPCM - RTC Circuit Status		
BPCM - HVBat Sleep Time		
BPCM - System Mode		No Unit
BPCM - HV Battery pack contactor request (CAN)		
BPCM - HV Battery Pack contactor Open (CAN)		
BPCM - HV Battery pack Contactor welded and impeded opening (CAN)		
BPCM - Crash Indication (CAN)		
BPCM - Crash Indication VALIDITY (CAN)		
BPCM - Retention Status		
BPCM - Active weld check type		
BPCM - Current Category of Weld Out Counter		
HV Contactor State - Positive Contactor		
HV Contactor State - Negative Contactor		
HV Contactor State - Precharge Contactor		
CSC Fault - Cn Pin Open		
CSC Fault - Cn Short to SWn		
CSC Fault - Auxiliary channel 1 Pin Open		
CSC Fault - Auxiliary channel 2 Pin Open		
CSC Fault - Measured result difference between Alternative path and Primary path is out of range		
CSC Fault - Balancing Switch Short		
CSC Fault - Balancing Switch Open		
CSC Fault - Alternate reference voltage is out of range		
CSC Fault - Vaa voltage is out of range		
CSC Fault - Level-shift amplifier offset voltage is out of range		
CSC Fault - Stuck ADC output bits verification with zero-scale		
CSC Fault - Stuck ADC output bits verification with full-scale		
CSC Fault - Multiplexer Open/Short verification with test current source		
CSC Fault - Multiplexer Open/Short verification with HVMUX test current sources		
CSC Fault - Measured result difference between Module voltage and Cell voltage summation		
CSC Fault - $V_{hv} < V_{hvuv}$		
CSC Fault - $V_{hv} - V_{dcin} > V_{hvov}$		
CSC Fault - Die Temperature is over the upper limit		
CSC Fault - Scanning for cell information is not complete		
CSC Fault - ADC Data Path error		
CSC Fault - Packet Error Check		
CSC Fault - Power-on reset event occurred		
CSC Fault - oscillator frequency is not within of its expected value		
CSC Fault - Same as Alrtosc1 (redundant alert)		
CSC Fault - Die Temperature is over the upper limit		

CSC Fault - Module number addressing is fail		
CSC Fault - Alive counter is not matched to the expected value		
CSC Fault - PEC Bits in Data-check byte error		
CSC Fault - Vhv - is too low		
CSC Fault - Transmit data is not equal to read back data		
CSC Diagnostics - Initialization Status		
CSC Diagnostics - CSC #01 Status		
CSC Diagnostics - CSC #02 Status		
CSC Diagnostics - CSC #03 Status		
CSC Diagnostics - CSC #04 Status		
CSC Diagnostics - CSC #05 Status		
CSC Diagnostics - CSC #06 Status		
CSC Diagnostics - CSC #07 Status		
CSC Diagnostics - CSC #08 Status		
CSC Diagnostics - AFE Internal Operation Mode		

HCP | 0 | Active | Drive Motor Inverter Performance-

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
DTC Extended Data Record Number		
Occurrence flag		
Original Odometer Value		
Most Recent Odometer Value		
Frequency Counter		
Cycle Counter	0	
Microcontroller reset reason - 0		
Microcontroller reset reason - 1		
Real time clock		
RAM stamps keyOn		
RAM Stamps		
Accelerator Pedal Position		
Engine Coolant Temperature		
Engine Speed		
Vehicle Speed		
HV Battery SOC		
Brake Switch Status		

Battery Feed Voltage 1 Sense

Battery Feed Voltage 2 Sense

Battery Feed Voltage 3 Sense

Internal EPS Voltage Sense A

Internal EPS Voltage Sense B

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

HV Battery Sleep Time

0

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
eMotor A Current Ia Min
eMotor A Current Ib Max
eMotor A Current Ib Min
eMotor A Current Ic Max
eMotor A Current Ic Min
eMotor A Current Id Max
eMotor A Current Id Min
eMotor A Current Iq Max
eMotor A Current Iq Min
eMotor A Current Sum Max
eMotor A Current Sum Min
eMotor A HV Input voltage Max
eMotor A HV Input voltage Min
eMotor A speed max mrad/s
eMotor A speed min mrad/s
eMotor B Current Ia Max
eMotor B Current Ia Min
eMotor B Current Ib Max
eMotor B Current Ib Min
eMotor B Current Ic Max
eMotor B Current Ic Min
eMotor B Current Id Max

Volts
Volts
rad/s
rad/s

(B) (6)

eMotor B Current Id Min		
eMotor B Current Iq Max		
eMotor B Current Iq Min		
eMotor B current Sum Max		
eMotor B current sum Min		
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		
eMotor A Current Ib Offset		
eMotor A Current Ic Offset		
eMotor B Current Ia Offset		
eMotor B Current Ib Offset		
eMotor B Current Ic Offset		
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		
eMotor A Regenerative Torque Limit		
eMotor B Motoring Torque Limit		
eMotor B Regenerative Torque Limit		
eMotor A Torque command		
eMotor A Torque achieved		
eMotor A speed RPM		rpm
eMotor B Torque command		
eMotor B Torque achieved		
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		°F
eMotor B Temperature Rotor		°F
eMotor A Lifetime Over Current w/o Over Voltage Events	0	
eMotor A Lifetime Over Current Events	0	
eMotor A Lifetime Over Voltage Events	0	
eMotor A Lifetime Max Voltage		
eMotor A Lifetime Max Phase Current		
eMotor A Lifetime General Retry Events	0	
eMotor A Key Cycle Max Voltage		
eMotor A Key Cycle Max Phase Current		
eMotor A Key Cycle General Retry Events	0	
eMotor B Lifetime Over Current w/o Over Voltage Events	0	
eMotor B Lifetime Over Current Events		
eMotor B Lifetime Over Voltage Events	0	
eMotor B Lifetime Max Voltage		
eMotor B Lifetime Max Phase Current		
eMotor B Lifetime General retry Events		
eMotor B key Cycle max Voltage		
eMotor B key Cycle max Phase Current		
eMotor B key Cycle General Retry Events		
eMotor A MTMR Fault Word	00 00 00	
eMotor B MTMR Fault Word	00 00 00	
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		
UTC Time - Hours		
UTC Time - Minutes		
UTC Time -		
ECU Time - Milliseconds		

HCP | 0 | Stored | Drive Motor B Inverter Phase U Current Sensor Circuit Range/Performance-

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		

Extended Data Record Number		
Occurrence flag		
Original Odometer Value		
Most Recent Odometer Value		
Frequency Counter		
Ignition Cycle Counter	0	
Microcontroller reset reason -	0	
Microcontroller reset reason -		
Real time clock		
RAM stamps Key On		
RAM Stamps		Min
Accelerator Pedal Position	0	%
Engine Coolant Temperature		
Engine Speed		
Vehicle Speed		
HV Battery SOC		
Brake Switch Status		
Battery Feed Voltage 1 Sense		
Battery Feed Voltage 2 Sense		
Battery Feed Voltage 3 Sense		
Internal EPS Voltage Sense A		
Internal EPS Voltage Sense B		
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		
HV Battery Sleep Time		
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 Position 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
 eMotor A Current Ia Min
 eMotor A Current Ib Max
 eMotor A Current Ib Min
 eMotor A Current Ic Max
 eMotor A Current Ic Min



-
-
-
-
-



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

5 U.S.C. 552 (B) (6)

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

[REDACTED] A Current Id Max	[REDACTED]	[REDACTED]
[REDACTED] A Current Id Min	[REDACTED]	[REDACTED]
[REDACTED] A Current Iq Max	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED] A Current Sum Min	[REDACTED]	[REDACTED]
[REDACTED] A HV Input voltage Max	[REDACTED]	Volts
[REDACTED] A HV Input voltage Min	[REDACTED]	Volts
[REDACTED] A speed max mrad/s	[REDACTED]	rad/s
[REDACTED] A speed min mrad/s	[REDACTED]	rad/s
[REDACTED] B Current Ia Max	[REDACTED]	[REDACTED]
[REDACTED] B Current Ia Min	[REDACTED]	[REDACTED]
[REDACTED] B Current Ib Max	[REDACTED]	[REDACTED]
[REDACTED] B Current Ib Min	[REDACTED]	[REDACTED]
[REDACTED] B Current Ic Max	[REDACTED]	[REDACTED]
[REDACTED] B Current Ic Min	[REDACTED]	[REDACTED]
[REDACTED] B Current Id Max	[REDACTED]	[REDACTED]
[REDACTED] B Current Id Min	[REDACTED]	[REDACTED]
[REDACTED] B Current Iq Max	[REDACTED]	[REDACTED]
[REDACTED] B Current Iq Min	[REDACTED]	[REDACTED]
[REDACTED] B current Sum Max	[REDACTED]	[REDACTED]
[REDACTED] B current sum Min	[REDACTED]	[REDACTED]
[REDACTED] B HV Input Voltage Max	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED] A Current Ia Offset	[REDACTED]	[REDACTED]
[REDACTED] A Current Ib Offset	[REDACTED]	[REDACTED]
[REDACTED] A Current Ic Offset	[REDACTED]	[REDACTED]
[REDACTED] B Current Ia Offset	[REDACTED]	[REDACTED]
[REDACTED] B Current Ib Offset	[REDACTED]	[REDACTED]
[REDACTED] B Current Ic Offset	[REDACTED]	[REDACTED]
[REDACTED] A HV Battery Voltages	[REDACTED]	Volts
[REDACTED] A HV input Voltages	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED] A Motoring Torque Limit	[REDACTED]	[REDACTED]
[REDACTED] A Regenerative Torque Limit	[REDACTED]	[REDACTED]
[REDACTED] B Motoring Torque Limit	[REDACTED]	[REDACTED]
[REDACTED] B Regenerative Torque Limit	[REDACTED]	[REDACTED]
[REDACTED] A Torque command	[REDACTED]	[REDACTED]
[REDACTED] A Torque achieved	[REDACTED]	[REDACTED]
[REDACTED] A speed RPM	[REDACTED]	rpm
[REDACTED] B Torque command	0.00	[REDACTED]

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		
eMotor A Lifetime General Retry Events		
eMotor A Key Cycle Max Voltage		Volts
eMotor A Key Cycle Max phase Current		
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		
eMotor B Lifetime General retry Events		
eMotor B key Cycle max Voltage		Volts
eMotor B key Cycle max Phase Current		
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 [REDACTED]
 UTC Time - Hours [REDACTED]
 UTC Time - Minutes [REDACTED]
 UTC Time - [REDACTED]
 ECU Time [REDACTED]

SP [REDACTED] | Stored | Drive Motor B Inverter Phase V Current Sensor Circuit Range/Performance-

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	[REDACTED]	
Ignition Cycle Counter	[REDACTED]	
Microcontroller reset reason - [REDACTED]	[REDACTED]	
Microcontroller reset reason - Core 1	[REDACTED]	
Real time clock	[REDACTED]	
RAM stamps keyOn	[REDACTED]	
RAM Stamps	[REDACTED]	
Accelerator Pedal Position	[REDACTED]	
Engine Coolant Temperature	[REDACTED]	°F
Engine Speed	[REDACTED]	
Vehicle Speed	[REDACTED]	
HV Battery SOC	[REDACTED]	
Brake Switch Status	[REDACTED]	
Battery Feed Voltage 1	[REDACTED]	
Battery Feed Voltage 2	[REDACTED]	
Battery Feed Voltage 3	[REDACTED]	
Internal EPS Voltage Sense A	[REDACTED]	
Internal EPS Voltage Sense B	[REDACTED]	
Hybrid System State	[REDACTED]	
Outside Air Temperature	[REDACTED]	°F
Ignition State	[REDACTED]	
Propulsion System Active	[REDACTED]	
HV Contactor Status	[REDACTED]	

█ M 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

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT

5 U.S.C. 552 (B) (6)

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

B FA HV input Current Fault Active		
B FA HV Input Voltage Fault Active		
B FA Acceleration Fault Active		
B FA Rotor Temperature Fault Active		
B FA Capacitor Temperature Fault Active		
B FA Current Sensor A Fault Active		
B FA Current Sensor B Fault Active		
B FA Current Sensor C Fault Active		
B FA Position Sensor Fault Active		
B FA DC Voltage Out of Range Fault Active		
B FA Reserved		
A Current Ia Max		
A Current Ia Min		
A Current Ib Max		
A Current Ib Min		
A Current Ic Max		
A Current Ic Min		
A Current Id Max		
A Current Id Min		
A Current Iq Max		
A Current Iq Min		
A Current Sum Max		
A Current Sum Min		
A HV Input voltage Max		Volts
A HV Input voltage Min		Volts
A speed max mrad/s		rad/s
A speed min mrad/s		rad/s
B Current Ia Max		
B Current Ia Min		
B Current Ib Max		
B Current Ib Min		
B Current Ic Max		
B Current Ic Min		
B Current Id Max		
B Current Id Min		
B Current Iq Max		
B Current Iq Min		
B current Sum Max		
B current sum Min		
B HV Input Voltage Max		Volts
B HV Input Voltage Min		Volts
B speed Max mrad/s		rad/s
B speed Min mrad/s		rad/s
A Current Ia Offset		

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

of		
eMotor A Current Ib Offset		
eMotor A Current Ic Offset		
Current Ia Offset		
Current Ib Offset		
Current Ic Offset		
eMotor A HV Battery Voltages		Volts
eMotor A HV input Voltages		Volts
HV Battery Voltages		Volts
HV input Voltages		Volts
eMotor A Motoring Torque Limit		
eMotor A Regenerative Torque Limit		
Motoring Torque Limit		
Regenerative Torque Limit		
eMotor A Torque command		
Torque achieved		
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
OS Runtime Seconds		sec
Temperature Stator		°F
Temperature Inverter Model		°F
Temperature Inverter 0		°F
Temperature Inverter 1		°F
Temperature Inverter 2		°F
Temperature coolant Inlet		°F
Temperature coolant outlet		°F
Temperature PCB		°F
Temperature Rotor		°F
eMotor A Lifetime Over Current w/o Over Voltage Events	0	
eMotor A Lifetime Over Current Events	0	
eMotor A Lifetime Over Voltage Events	0	
eMotor A Lifetime Max Voltage		Volts
eMotor A Lifetime Max Phase Current		

eMotor A Lifetime General Retry Events	0	
eMotor A Key Cycle Max Voltage		
eMotor A Key Cycle Max phase Current		
eMotor A Key Cycle General Retry Events	0	
eMotor B Lifetime Over Current w/o Over Voltage Events	0	
eMotor B Lifetime Over Current Events		
eMotor B Lifetime Over Voltage Events	0	
eMotor B Lifetime Max Voltage		
eMotor B Lifetime Max Phase Current		
eMotor B Lifetime General retry Events		
eMotor B key Cycle max Voltage		
eMotor B key Cycle Max Phase Current		
eMotor B key Cycle General Retry Events		
eMotor A MTMR Fault Word	00	
eMotor B MTMR Fault Word	00	
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		
Time - Hours		
Time -		
Time -		
ECU Time		

HCP |

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

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

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

5 U.S.C. 552 (B) (6)

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 Position 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

eMotor A Current Ia Min

eMotor A Current Ib Max

eMotor A Current Ib Min

eMotor A Current Ic Max

eMotor A Current Ic Min

eMotor A Current Id Max

eMotor A Current Id Min

eMotor A Current Iq Max

eMotor A Current Iq Min

eMotor A Current Sum Max

eMotor A Current Sum Min

eMotor A HV Input voltage Max

eMotor A HV Input voltage Min

eMotor A speed max mrad/s

eMotor A speed min mrad/s

Volts

Volts

rad/s

rad/s

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

INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

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

eMotor A Temperature Rotor		°F
eMotor A OS Runtime		
eMotor B OS Runtime		
eMotor B Temperature Stator		°F
eMotor B Temperature Inverter Model		°F
eMotor B Temperature Inverter 0		°F
eMotor B Temperature Inverter		°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	0	
eMotor A Lifetime Over Current Events	0	
eMotor A Lifetime Over Voltage Events	0	
eMotor A Lifetime Max Voltage		
eMotor A Lifetime Max Phase Current		
eMotor A Lifetime General Retry Events	0	
eMotor A Key Cycle Max Voltage		
eMotor A Key Cycle Max phase Current		
eMotor A Key Cycle General Retry Events	0	
eMotor B Lifetime Over Current w/o Over Voltage Events	0	
eMotor B Lifetime Over Current Events		
eMotor B Lifetime Over Voltage Events		
eMotor B Lifetime Max Voltage		
eMotor B Lifetime Max Phase Current		
eMotor B Lifetime General retry Events		
eMotor B key Cycle max Voltage		
eMotor B key Cycle max Phase Current		
eMotor B key Cycle General Retry Events		
eMotor A MTMR Fault Word	00	
eMotor B MTMR Fault Word	00	
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		
UTC Time - Minutes		
UTC Time -		
ECU Time		

HCP | | Stored | Drive Motor B Current High-

NAME	VALUE	UNITS
DTC		
Test Failed		

Test Failed This Operation Cycle

Pending DTC

Confirmed DTC

Test Not Completed Since Last Clear

Test Failed Since Last Clear

Test Not Completed This Operation Cycle

Warning Indicator Requested

DTC Extended Data Record Number

Occurrence flag

Original Odometer Value

miles

Most Recent Odometer Value

miles

Frequency Counter

Ignition Cycle Counter

Microcontroller reset reason - 0

Microcontroller reset reason - 1

Real time clock

sec

RAM stamps keyOn

sec

RAM Stamps

Min

Accelerator Pedal Position

%

Engine Coolant Temperature

°F

Engine Speed

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

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

eMotor B FA Reserved

[REDACTED] ined

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

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

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

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

eMotor A Regenerative Torque Limit	[REDACTED]	Ft-Lbs
[REDACTED] Motoring Torque Limit	[REDACTED]	Ft-Lbs
[REDACTED] Regenerative Torque Limit	- [REDACTED]	Ft-Lbs
eMotor A Torque command	- [REDACTED]	Ft-Lbs
eMotor A Torque achieved	- [REDACTED]	Ft-Lbs
eMotor A speed RPM	1 [REDACTED]	rpm
[REDACTED] Torque command	0.00	Ft-Lbs
[REDACTED] Torque achieved	0.00	Ft-Lbs
[REDACTED] Speed RPM	0	rpm
eMotor A Temperature Stator	[REDACTED]	°F
eMotor A Temperature Inverter Model	[REDACTED]	°F
eMotor A Temperature Inverter 0	[REDACTED]	°F
eMotor A Temperature Inverter 1	[REDACTED]	°F
eMotor A Temperature Inverter 2	[REDACTED]	°F
eMotor A Temperature Coolant Inlet	[REDACTED]	°F
eMotor A Temperature Coolant Outlet	[REDACTED]	°F
eMotor A Temperature PCB	[REDACTED]	°F
eMotor A Temperature Rotor	[REDACTED]	°F
eMotor A OS Runtime Seconds	[REDACTED]	sec
[REDACTED] OS Runtime Seconds	[REDACTED]	sec
[REDACTED] Temperature Stator	[REDACTED]	°F
[REDACTED] Temperature Inverter Model	[REDACTED]	°F
[REDACTED] Temperature Inverter 0	[REDACTED]	°F
[REDACTED] Temperature Inverter 1	[REDACTED]	°F
[REDACTED] Temperature Inverter 2	[REDACTED]	°F
[REDACTED] Temperature coolant Inlet	[REDACTED]	°F
[REDACTED] Temperature coolant outlet	[REDACTED]	°F
[REDACTED] Temperature PCB	[REDACTED]	°F
[REDACTED] Temperature Rotor	[REDACTED]	°F
eMotor A Lifetime Over Current w/o Over Voltage Events	0	
eMotor A Lifetime Over Current Events	0	
eMotor A Lifetime Over Voltage Events	0	
eMotor A Lifetime Max Voltage	[REDACTED]	Volts
eMotor A Lifetime Max Phase Current	[REDACTED]	[REDACTED]
eMotor A Lifetime General Retry Events	[REDACTED]	
eMotor A Key Cycle Max Voltage	[REDACTED]	Volts
eMotor A Key Cycle Max phase Current	[REDACTED]	[REDACTED]
eMotor A Key Cycle General Retry Events	[REDACTED]	
[REDACTED] Lifetime Over Current w/o Over Voltage Events	0	
[REDACTED] Lifetime Over Current Events	[REDACTED]	
[REDACTED] Lifetime Over Voltage Events	[REDACTED]	
[REDACTED] Lifetime Max Voltage	[REDACTED]	Volts
[REDACTED] Lifetime Max Phase Current	[REDACTED]	[REDACTED]
[REDACTED] Lifetime General retry Events	[REDACTED]	

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

eMotor B key Cycle max Voltage	Volts
eMotor B key Cycle max Phase Current	
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

ABS0 | 0 | Stored | Implausible Data Received From Hybrid Control

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Occurrence flag		
Controller Event		
Mirror Memory		
Undervoltage Suspected		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Fault Time		s
Current System Mode		
Previous System Mode		
Wheel Speed Left Front		MPH
Rotation Direction Left Front		
Wheel Speed Right Front		MPH
Rotation Direction Right Front		
Wheel Speed Left Rear		MPH
Rotation Direction Left Rear		
Wheel Speed Right Rear		MPH
Rotation Direction Right Rear		
Steering Wheel Angle		°

Longitudinal Acceleration	[REDACTED] 2
Yaw Rate	[REDACTED]
Supplier Internal Code	[REDACTED]

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]
- No Snapshot Data available for [REDACTED]
- No Snapshot Data available for [REDACTED]

INFORMATION REDACTED IN ACCORDANCE WITH THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)