



WI
TECH

CONFIGURATION REPORT

Vehicle
VIN

14 DOHC DI TURBO PHEV ENGINE

Odometer

Publication Date

ECU SUMMARY INFO

ECU	NAME	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module				
PCM	Powertrain Control Module				
ICS	Integrated Center Stack				
RFH	Radio Frequency Hub				
ESM	Electronic Shifter				
DTCM	Drive Train Control Module				
ORC	Occupant Restraint				
EPS	Electric Power Steering				
HVAC	Heat, Ventilation and A/C				
CSWM	Comfort Seat Wheel Module				
AMP	Amplifier				
IPC	Instrument Panel Cluster				
PTS	Parktronics				
SCCM	Steering Column Control Module				
BCM	Body Controller				
RADIO	Radio		1C4JJX		
OCM	Occupant Classification				
LBSS	Left Blind Spot Sensor				
RBSS	Right Blind Spot Sensor				
BPCM	Battery Pack Control Module			????????????????	

SessionID #

(6)

OBDD	Security Gateway Module
DPDM	Driver Presence Detection Module
DASM	Driver Assistance System Module
IDCM	Integrated Dual Charge Module

ECU	[REDACTED]	COUNTRY CODE	PUR
-----	------------	--------------	-----

[illegible]

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		
Overdrive 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		
FWD 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		
Integrated Cruise Control		
EMAT (Getrag DCT transmission) Equipped		
Vehicle Speed Sensor #1 Calculated from CAN		
Police Package Equipped		
Unleaded Gasoline Fuel		
Unleaded diesel fuel		
V8 Engine		
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

Engine

V6 Engine

V6 Engine

Engine

Engine

Engine

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

W14 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

Variable Displacement AC Equipped

Fixed displacement AC Equipped

W14 Intake Flow Control Valve Equipped

Electric Coolant Valve Equipped

Engine Oil Heater Cooler Equipped

Transmission Oil Heater Equipped

Electric Water Pump Equipped

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

Rear Heater Equipped
 Starter Relay 2 Equipped
 Inrush Current Reduction Relay Equipped
 Active Grille Shutter Equipped

Electronic Vacuum Pump Equipped
 Wide Range O2 Sensor
 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

WI4 engine
 WI4 engine
 WI4 engine
 Engine

Tumble Generator Valve Equipped
 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

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

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

Gen Bus Equipped

Constant Heater Temperature Control Valve Equipped

High Side Port Tumble Valve Equipped

CMC Equipped

Turbine Volute Valve Actuator Equipped

H Equipped

Active Exhaust Valve Equipped

Active Exhaust Pressure Sensor Equipped

Engine Idle Shutoff Equipped

Aisin RWD 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

Write Programming Support Enabled

Active Engine Mount Equipped

ZF 9-Speed Equipped

Equipped

Variable Speed Fuel Pump Equipped

Operator Idle Speed Request Equipped

PTO System Equipped

Air Shutoff Valve Bank 1 Control 1 Equipped

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

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

Plum 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 and Pressure Sensor (LIN) Equipped

Dual Fuel Pressure Sensor Equipped

Brake Pedal Sensor Equipped

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

Cooled EGR Equipped

Supercharger Equipped

Hybrid MEC Shifter Equipped

Dual Alternator Capable

Auxillary Coolant Pump Equipped

Speed Trans Equipped

HPT 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

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

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	
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	
Wastegate HBridge Equipped	
Remote Start Present	
Engine Oil Pressure Sensor Type	None

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME		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

[REDACTED] 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

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

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

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	
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	
Rollover Sensing		
EPPM		
Occupant Classification (OCM)		
Driver Seatbelt Buckle Switch		
Passenger Seatbelt Buckle Switch		
Left seat belt Switch		
Second Row 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		

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

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

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

Left D-Pillar Impact Acceleration Sensor

Left Side Door Pressure Sensor

Right Side Door Pressure Sensor

Configuration Column Identifier

HVAC CONFIGURATION

NAME	VALUE	UNITS
ATC Control (Factory)		
ATC Control		
MTC Control		

Single Zone MTC Control

MTC With EBL ()

MTC Without EBL ()

MTC heater only ()

AMP CONFIGURATION

NAME	VALUE	UNITS
C Calibration Date -		
C Calibration Date -		
C Calibration Date - Patch		
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 Chimes		

IPC CONFIGURATION

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

PTS CONFIGURATION

NAME	VALUE	UNITS
Rear System with		
Front System with		

SCCM CONFIGURATION

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

Rear Wiper

[REDACTED] Telescope

Cruise [REDACTED] / ACC [REDACTED]

PCM CONFIGURATION

NAME	VALUE	UNITS
RBSM	[REDACTED]	
LBSM	[REDACTED]	
BCM (Interior Bu	[REDACTED]	
HSM	[REDACTED]	
HVAC	[REDACTED]	
P [REDACTED]	[REDACTED]	
Radio	[REDACTED]	
ITM	[REDACTED]	
AMP	[REDACTED]	
EDM	[REDACTED]	
HVAC_R	[REDACTED]	
TBM	[REDACTED]	
AHLM [REDACTED]	[REDACTED]	
ASCM	[REDACTED]	
BCM (PT)	[REDACTED]	
D [REDACTED]	[REDACTED]	
PCM	[REDACTED]	
EPS	[REDACTED]	
ESM	[REDACTED]	
ABS	[REDACTED]	
RFH	[REDACTED]	
IPC	[REDACTED]	
ORC	[REDACTED]	
PTS	[REDACTED]	
SCCM	[REDACTED]	
ELSD	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	

[illegible]

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

Country Code	[REDACTED]	[REDACTED]	[REDACTED]
Left/Right Hand Drive	[REDACTED]	[REDACTED]	[REDACTED]
Remote Start Present	[REDACTED]	[REDACTED]	[REDACTED]
Drive Configuration	[REDACTED]	[REDACTED]	[REDACTED]
Emode Present	[REDACTED]	[REDACTED]	[REDACTED]
Auto Highbeam	[REDACTED]	[REDACTED]	[REDACTED]
Body Style	[REDACTED]	[REDACTED]	[REDACTED]
Maximum Vehicle Speed	[REDACTED]	[REDACTED]	[REDACTED]
Shifter Type	[REDACTED]	[REDACTED]	[REDACTED]
Performance Pkgs Present	[REDACTED]	[REDACTED]	[REDACTED]
Special Packages	[REDACTED]	[REDACTED]	[REDACTED]
PTS Configuration	[REDACTED]	[REDACTED]	[REDACTED]
Hill Descent Feature Present	[REDACTED]	[REDACTED]	[REDACTED]
Select Speed Control Feature Present	[REDACTED]	[REDACTED]	[REDACTED]
Power Inverter Type	[REDACTED]	[REDACTED]	[REDACTED]
Thatcham Present	[REDACTED]	[REDACTED]	[REDACTED]
Rain Sensor Present	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED] System Present	[REDACTED]	[REDACTED]	[REDACTED]
Air Conditioning Present	[REDACTED]	[REDACTED]	[REDACTED]
Cruise Feature is Present	[REDACTED]	[REDACTED]	[REDACTED]
Flipper Glass Present	[REDACTED]	[REDACTED]	[REDACTED]
Full Size Spare	[REDACTED]	[REDACTED]	[REDACTED]
Off Road Capable	[REDACTED]	[REDACTED]	[REDACTED]
Special Packages	[REDACTED]	[REDACTED]	[REDACTED]
Max Load Inflation Pressure Rear Tire	[REDACTED]	[REDACTED]	[REDACTED]
Max Load Inflation Pressure Front Tire	[REDACTED]	[REDACTED]	[REDACTED]
Light Load Inflation Pressure Rear Tire	[REDACTED]	[REDACTED]	[REDACTED]
Police Lighting Feature	[REDACTED]	[REDACTED]	[REDACTED]
Power Lift Gate Present	[REDACTED]	[REDACTED]	[REDACTED]
Power Right Sliding Door Present	[REDACTED]	[REDACTED]	[REDACTED]
Power Left Sliding Door Present	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED] System Present	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED] Present	[REDACTED]	[REDACTED]	[REDACTED]
T-Case Type	[REDACTED]	[REDACTED]	[REDACTED]
Wheel Base	[REDACTED]	[REDACTED]	[REDACTED]
FOBIK Safe Enable	[REDACTED]	[REDACTED]	[REDACTED]
ELV Present	[REDACTED]	[REDACTED]	[REDACTED]
Fuel Capacity	[REDACTED]	[REDACTED]	[REDACTED]
Window Express Feature Configuration	[REDACTED]	[REDACTED]	[REDACTED]
Adjustable Pedal Feature Present (non-Memory)	[REDACTED]	[REDACTED]	[REDACTED]
Auto Headlamp Feature Present	[REDACTED]	[REDACTED]	[REDACTED]
Door Alert Feature Present	[REDACTED]	[REDACTED]	[REDACTED]

Sending Units 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		
Base TPM system present		
Premium TPM 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)		inch
Dual Rear Wheel (DRW) Vehicle Present		
Non-Regulated () Present		
Steering Ratio at zero		No Unit
Steering Ratio at Positive Angle 1		No Unit
Steering Ratio at Positive Angle 2		No Unit
Steering Ratio at Positive Angle 3		No Unit
Steering Ratio at Positive Angle 4		No Unit
Steering Ratio at Positive Angle 5		No Unit
Analog Door Sensor Configuration		
Air Quality System Present		
Steering Ratio at Negative Angle 1		No Unit
Steering Ratio at Negative Angle 2		No Unit
Steering Ratio at Negative Angle 3		No Unit
Steering Ratio at Negative Angle 4		No Unit
Steering Ratio at Negative Angle 5		No Unit
Ambient Light Dimmer Wheel Input Present Pin G9		

Reserved - Pin G12			
Horn Switch Input Present - Pin			
Reserved - Pin			
Hood Ajar Switch Input Present - Pin			
Hard Top Sense Present - Pin			
Reserved -			
Reserved - Pin D20			
Passenger Door Ajar Signal Present - Pin			
Reserved - Pin			
Reserved - Pin			
Starter Relay Lowside Coil Drive - Pin			
Diesel Cabin Heater #2 Output Present - Pin D9			
Diesel Cabin Heater #3 Output Present - Pin D10			
Diesel Cabin Heater #1 Output Present - Pin D11			
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 A1 &			
Inverter Enable Relay Output Present - Pin			
Reserved -			
Gated Park ZFII Output Present - Pin D-24			
Reserved - Pin			
Rear Fog Lamps Output Present - Pin &			
Rear Park Lamps Output Present - Pin &			
Rear Turn Lamps Output Present - Pin E3 &			
Run-ACC Y Relay #2 Output Present - Pin E9			
Side Markers Output Present - Pin &			
Trailer Backup Lamps Output Present - Pin			
Reserved - Pin F4			
UGDO Feed Output Present - Pin			
VTA Warning LED Output Present - Pin			
Park Brake Input Present - Pin			
Ambient Temperature Sensor Present - Pin			

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

Time Change

Exterior Light Loadshed Enable

Front Wiper Park Enable

Rear Wiper Park Enable

Reversible Washer Pump Enable

Tail Lamp

DRL 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

position Switch

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

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

Power Door Locks Present

Antenna Type

CTP Max AC Present

Hybrid Electric Powertrain Present

Disable CD Eject

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

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

Gear Shift Indicator	[REDACTED]	[REDACTED]
Service Interval	[REDACTED]	[REDACTED]
Temperature Celsius for UK	[REDACTED]	[REDACTED]
Type of Gallons	[REDACTED]	[REDACTED]
Tip Start Present	[REDACTED]	[REDACTED]
[REDACTED] 5 Trunk Lock	[REDACTED]	[REDACTED]
Adapt Scenario Trunk Set	[REDACTED]	[REDACTED]
AP1 Left Front	[REDACTED]	[REDACTED]
[REDACTED] Right Front	[REDACTED]	[REDACTED]
[REDACTED] Left Rear	[REDACTED]	[REDACTED]
[REDACTED] Right Rear	[REDACTED]	[REDACTED]
Global Up	[REDACTED]	[REDACTED]
Global Down	[REDACTED]	[REDACTED]
Sun Shade	[REDACTED]	[REDACTED]
Puddle Lamp Present	[REDACTED]	[REDACTED]
Rear Door Pre Short Drop	[REDACTED]	[REDACTED]
Passenger Window Lockout	[REDACTED]	[REDACTED]
Auto Power Folding Mirrors Present	[REDACTED]	[REDACTED]
Folding mirrors present	[REDACTED]	[REDACTED]
Heated Mirrors Present	[REDACTED]	[REDACTED]
Mirror turn signals present	[REDACTED]	[REDACTED]
Driver Memory Mirrors Present	[REDACTED]	[REDACTED]
Passenger Memory Mirror Present	[REDACTED]	[REDACTED]
Electro-chromatic driver mirror present	[REDACTED]	[REDACTED]
Electro-chromatic passenger mirror present	[REDACTED]	[REDACTED]
Tow Mirror Present	[REDACTED]	[REDACTED]
Blindspot Mirror Present	[REDACTED]	[REDACTED]
Window Motor Type	[REDACTED]	[REDACTED]
Window Hall Sensors Present	[REDACTED]	[REDACTED]
Frameless Window Present	[REDACTED]	[REDACTED]
Memory Adjustable Pedals Present	[REDACTED]	[REDACTED]
Tilt/Telescope Steering Present	[REDACTED]	[REDACTED]
Memory Seat Present	[REDACTED]	[REDACTED]
Rear Heated Seats Present	[REDACTED]	[REDACTED]
Front Vented Seats Present	[REDACTED]	[REDACTED]
Heated Steering Wheel Present	[REDACTED]	[REDACTED]
Heated Seat Material Type	[REDACTED]	[REDACTED]
Heated Wheel Material Type	[REDACTED]	[REDACTED]
Rear Vented Seats Present	[REDACTED]	[REDACTED]
Front Heated Seat Present	[REDACTED]	[REDACTED]
Brake System ECU Configuration A	[REDACTED]	[REDACTED]
Wheel [REDACTED] overall ESC Maserati	[REDACTED]	[REDACTED]

Brake System ECU Configuration B		
ECO Mode Configuration		
Dual Alternator Present		
Present		
Driver Kneebag Present		
Passenger Kneebag Present		
Curtain Airbags Present		
Tow Hooks Present		
Passive Pedal Present		
2nd Row Seat Airbags Present		
Reserved		
Reserved		
Integrated EPP Present		
BUX vehicle		
Signature Light Present		
Dual Filament Headlamp		
Front Turn Lamp Diagnostics		
Auto Headlamp On Threshold		Volt
Auto Headlamp Off Threshold		Volt
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		seconds
VTA System Present		
DC to DC Converter #2 Present		
Illuminated Approach Interior Lighting Target Percentage		
Illuminated Approach Headlamp Target Percentage		
Illuminated Approach Taillamp Target Percentage		

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

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

of		
Illuminated Approach Interior Lighting Ramp Up Time		
CRVMM Present		
EVIC Switch Module Present		
Compass Mounting Angle		Degree
Signature Lamps or Mirror Repeater Present - Pin A5 & Pin A7		
Backup Reverse Lamp Left Present - Pin F41		
Backup Reverse Lamp Right Present - Pin E1		
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 D21		
Siren		
Ultrasonics		
Tilt		
Gate Lock Present - Pin		
Gate Unlock Present - Pin		
Front Fog Voltage		Volts
Rear Fog Voltage		Volts
Lamp Output Disable		
Secondary Door Ajar Present - Pin		
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	
Auto-Relock Feature Enable	
PE Auto-Relock Feature Enable	
VTA Hood Ajar Monitoring	
Horn Chirp Duration	
Hitch and Roll Present	
Parking Light Enable	
Minimum Voltage Time	
M 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	
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	

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

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 shift 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

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

Tilt 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

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

ms

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

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		
Red Defrost Presence		
Heated Mirrors Present		
Engine Displacement		
Steering C Factor		
Speedometer Tolerance		
Increasing speed constant		
Tachometer Type		
DTV Present		
Tri-State Comfort Climate Softkey Function Present		

RADIO CONFIGURATION

NAME	VALUE	
Satellite Subscription ID		
Satellite Subscription Status		
Satellite Subscription Reason Code		
Satellite Subscription Suspend Day		
Satellite Subscription Suspend Month		
Satellite Subscription Suspend Year		
Button		
SDARS		
Navigation Active		
Cellular		
Internal CD Player		
Wi-Fi		
Bluetooth		
Application Framework		
FM Diversity		
Clock Defeat		
Automated Loudness		
Anti-Theft Enable Status		
Time Selection		
Front Seat Video Playback		
Cabin EQ Curve Number Currently Used by Radio		
Splash Screen		
Compass on the bus messaging Authorization		
S on the Bus messaging Authorization		

USB Hubs Detected	[REDACTED]
SD Card Readers Detected	[REDACTED] Unit
Enumerated USB Devices	[REDACTED] Unit
Aux Jack	[REDACTED]
DTV Short Term Configuration	[REDACTED]

LBSS CONFIGURATION

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

RBSS CONFIGURATION

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

ABSO CONFIGURATION

NAME	VALUE	[REDACTED]
Vehicle Line Identification	[REDACTED]	
Displacement	[REDACTED]	
Hybrid Type	[REDACTED]	
Trans Type	[REDACTED]	
Drive Configuration	[REDACTED]	
Chassis Type	[REDACTED]	
Axle Ratio	[REDACTED]	
Tire Circumference	[REDACTED]	

DASM CONFIGURATION

NAME	[REDACTED]	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]	

VEHICLE SCAN REPORT

Vehicle
VIN

ECU SUMMARY INFO

ECU	NAME	FLASH PART #	CURRENT VIN		
TCM	Transmission Control Module				
PCM	Powertrain Control Module				
ICS	Integrated Center Stack				
RFH	Radio Frequency Hub				
ESM	Electronic Shifter				
DTCM	Drive Train Control Module				
ORC	Occupant Restraint				
EPS	Electric Power Steering				
HVAC	Heat, Ventilation and A/C				
CSWM	Comfort Seat Wheel Module				
AMP	Amplifier				
IPC	Instrument Panel Cluster				
PTS	Parktronics				
SCCM	Steering Column Control Module				
BCM	Body Controller				
RADIO	Radio		1C4JJX		
OCM	Occupant Classification				
LBSS	Left Blind Spot Sensor				
RBSS	Right Blind Spot Sensor				
BPCM	Battery Pack Control Module				

SessionID #

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HCP	[REDACTED]	[REDACTED]	Stored

ENVIRONMENTAL DATA SUMMARY

HCP | [REDACTED] | Stored | Drive Motor [REDACTED] U-V-W Circuit/Open-

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]	[REDACTED]
RAM stamps keyOn	[REDACTED]	
RAM Stamps	[REDACTED]	
Accelerator Pedal Position	[REDACTED]	
Engine Coolant Temperature	[REDACTED]	[REDACTED]
Engine Speed	[REDACTED]	
Vehicle Speed	[REDACTED]	
HV Battery SOC	[REDACTED]	
Brake Switch Status	Applied	
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	71.6	°F
Ignition State	█	
Propulsion System Active	█	
HV Contactor Status	█	
APM Status	█	
Impact Event	█	
PAND 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 Position Sensor Fault Active	█	
eMotor A 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)

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

FA Reserved		
B FA Speed or Position Fault Active		
FA Motor Temperature Fault Active		
FA Inverter Temperature A Fault Active		
FA Inverter Temperature B Fault Active		
FA Inverter Temperature C Fault Active		
FA HV input Current Fault Active		
FA HV Input Voltage Fault Active		
FA Acceleration Fault Active		
FA Motor Temperature Fault Active		
B FA Capacitor Temperature Fault Active		
FA Current Sensor A Fault Active		
FA Current Sensor B Fault Active		
FA Current Sensor C Fault Active		
FA Position Sensor Fault Active		
FA DC Voltage Out of Range Fault Active		
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		
A HV Input voltage Min		
A speed max mrads		
A speed min mrads		
Current Ia Max		
Current Ia Min		
Current Ib Max		
Current Ib Min		
Current Ic Max		
Current Ic Min		
Current Id Max		
Current Id Min		
Current Iq Max		

eMotor B Current Iq Min

[REDACTED]

[REDACTED]

[REDACTED]

Volts

eMotor B HV Battery Voltages

Volts

eMotor B HV input Voltages

Volts

eMotor A Motoring Torque Limit

[REDACTED]

[REDACTED]

eMotor A Regenerative Torque Limit

[REDACTED]

[REDACTED]

eMotor B Motoring Torque Limit

[REDACTED]

[REDACTED]

eMotor B Regenerative Torque Limit

[REDACTED]

[REDACTED]

eMotor A Torque command

[REDACTED]

[REDACTED]

eMotor A Torque achieved

[REDACTED]

[REDACTED]

eMotor A speed RPM

[REDACTED]

[REDACTED]

eMotor B Torque command

[REDACTED]

[REDACTED]

eMotor B Torque achieved

[REDACTED]

[REDACTED]

[REDACTED]

eMotor A Temperature Stator

[REDACTED]

[REDACTED]

eMotor A Temperature Inverter Model

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

INFORMATION IS BEING RELEASED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 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] Temperature Inverter 2	[REDACTED]	°F
eMotor B Temperature coolant Inlet	[REDACTED]	°F
[REDACTED] Temperature coolant outlet	[REDACTED]	°F
[REDACTED] Temperature PCB	[REDACTED]	[REDACTED]
[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]	
eMotor A Lifetime Max Phase Current	[REDACTED]	
eMotor A Lifetime General Retry Events	0	
eMotor A Key Cycle Max Voltage	[REDACTED]	
eMotor A Key Cycle Max phase Current	[REDACTED]	
eMotor A Key Cycle General Retry Events	0	
[REDACTED] Lifetime Over Current w/o Over Voltage Events	0	
[REDACTED] Lifetime Over Current Events	[REDACTED]	
[REDACTED] Lifetime Over Voltage Events	0	
[REDACTED] Lifetime Max Voltage	[REDACTED]	
[REDACTED] Lifetime Max Phase Current	[REDACTED]	
[REDACTED] Lifetime General retry Events	[REDACTED]	
eMotor B key Cycle max Voltage	[REDACTED]	
eMotor B key Cycle max Phase Current	[REDACTED]	
[REDACTED] key Cycle General Retry Events	0	
eMotor A MTMR Fault Word	[REDACTED] 00	
[REDACTED] MTMR Fault Word	[REDACTED] 00	
GPS Date - Year	[REDACTED]	Year
GPS Date - Month	[REDACTED]	
GPS Date - Day	[REDACTED]	
UTC Time - Hours	[REDACTED]	
UTC Time - Minutes	[REDACTED]	
[REDACTED] Time-	[REDACTED]	
ECU Time	[REDACTED]	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for [REDACTED]

INFORMATION

VEHICLE SCAN REPORT

Vehicle
VIN

ECU SUMMARY INFO

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

SessionID #

(B)(6)

HCP

Hybrid Control

INFORMATION

CHARACTER

						CVNS
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

5 U.S.C.

(B) (6)

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
RADIO		CAN C Bus Off Performance-	
		Drive Motor B Current High-	
		Drive Motor B Phase U-V-W Circuit/Open-	
		Drive Motor B Torque Delivered Performance-	
		Battery Cooling System Failure-	
		Hybrid/EV Electronics Coolant Pump "B" Overspeed - Dry Run-	

ENVIRONMENTAL DATA SUMMARY

RADIO | | Stored | CAN C Bus Off Performance-

NAME	VALUE	UNITS
DTCTable	00	
TestFailed		
TestFailedThisMonitoringCycle		
Pending DTC		
Confirmed DTC		
Test Not Completed This Monitoring Cycle		
Warning Indicator Requested		
DTCExtendedDataRecordNumber		
Occurance Flag		
Reserved		
Original Odometer Value		
Most Recent Odometer Value		
Frequency Counter		
Ignition Counter		
RDI		
Event Counter		

P | | Stored | Drive Motor B Current High-

NAME	VALUE	UNITS
DTC	00	
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 -		
Real time clock		sec
RAM stamps key		sec
RAM Stamps		Min
Accelerator Pedal Position		%
Engine Coolant Temperature		°F
Engine Speed		rpm
Vehicle Speed		MPH
HV Battery SOC		%
Brake Switch Status	Applied	
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	N	
Distance Travelled with Light ON	0	miles
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]		

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

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

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

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

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

eMotor A Regenerative Torque Limit		Ft-Lbs
Motoring Torque Limit		Ft-Lbs
Regenerative Torque Limit		Ft-Lbs
eMotor A Torque command		Ft-Lbs
eMotor A Torque achieved		Ft-Lbs
eMotor A speed RPM		rpm
Torque command		Ft-Lbs
Torque achieved		Ft-Lbs
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
eMotor B 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		
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		A
eMotor A Key Cycle General Retry Events	0	
Lifetime Over Current w/o Over Voltage Events	0	
Lifetime Over Current Events	8	
Lifetime Over Voltage Events	0	
Lifetime Max Voltage		Volts

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

eMotor B Lifetime Max Phase Current	
eMotor B Lifetime General retry Events	0
eMotor B key Cycle max Voltage	
eMotor B key Cycle max Phase Current	
eMotor B key Cycle General Retry Events	0
eMotor A MTMR Fault Word	00
eMotor B MTMR Fault Word	00
GPS Date - Year	Year
GPS Date - Month	
GPS Date - Day	
UTC Time - Hours	
UTC Time - Minutes	
UTC Time - Seconds	
ECU Time	

HCP | | Stored | Drive Mode |

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 - Core 0		
Microcontroller reset reason - Core 1		
Real time clock		
RAM stamps keyOn		
RAM Stamps		
Accelerator Pedal Position		
Engine Coolant Temperature		°F
Engine Speed		
Vehicle Speed		
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	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		

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

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		Volts
eMotor A HV Input voltage Min		Volts
eMotor A speed max mrads		rad/s
eMotor A speed min mrads		rad/s
eMotor B Current Ia Max		
eMotor B Current Ia Min		

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

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

eMotor B Current Ib Max

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Volts

eMotor B speed Max mrads

rad/s

eMotor B speed Min mrads

[REDACTED]

[REDACTED]

eMotor A Current Ic Offset

[REDACTED]

[REDACTED]

[REDACTED]

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

eMotor B Torque command

eMotor B Torque achieved

[REDACTED]

[REDACTED]

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

[REDACTED]

°F

[REDACTED]

°F

eMotor A Temperature Rotor		
eMotor A OS Runtime Seconds		sec
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 1		°F
eMotor B Temperature Inverter 2		°F
eMotor B Temperature coolant Inlet		°F
eMotor B Temperature coolant outlet		°F
eMotor B Temperature PCB		
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	
eMotor B MTMR Fault Word	00	
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		
UTC Time - Hours		
UTC Time - Minutes		
UTC 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 - 0		
Microcontroller reset reason - 1		
Real time clock		
RAM stamps keyOn		
RAM Stamps		Min
Accelerator Pedal Position	0	%
Engine Coolant Temperature		°F
Engine Speed		rpm
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]		

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

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

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

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 mrads

eMotor A speed min mrads

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

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

eMotor B HV Input Voltage Min

eMotor B speed Max mrads

eMotor B speed Min mrads

eMotor A Current Ia Offset

eMotor A Current Ib Offset

eMotor A Current Ic Offset

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

eMotor B Current Ia Offset

eMotor B HV Battery Voltages

eMotor B HV input Voltages

Motoring Torque Limit

Regenerative Torque Limit

eMotor B Motoring Torque Limit

eMotor B Regenerative Torque Limit

Torque command

Torque achieved

speed RPM

rpm

eMotor B Torque command

0.00

eMotor B Torque achieved

0.00

eMotor B Speed RPM

rpm

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

OS Runtime

sec

eMotor B OS Runtime

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

Lifetime Over Current w/o Over Voltage Events

0

Lifetime Over Current Events

0

Lifetime Over Voltage Events

0

Lifetime Max Voltage

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

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	0
eMotor A MTMR Fault Word	00
eMotor B MTMR Fault Word	
GPS Date - Year	Year
GPS Date - Month	
GPS Date - Day	
UTC Time - Hours	
UTC Time - Minutes	
Time -	
ECU Time	

HCP | -00 | Stored | Battery Cooling System Failure-

NAME	VAL	UNITS
DTC		
Original Odometer Value		
Occurrence flag		
DTC Extended Data Record Number		
Warning Indicator Requested		
Test Not Completed This Operation Cycle		
Test Failed Since Last Clear		
Test Not Completed Since Last Clear		
Confirmed DTC		
Pending DTC		
Test Failed This Operation Cycle		
Test Failed		
Frequency Counter		
Ignition Cycle Counter	0	
Microcontroller reset reason -	0	
Microcontroller reset reason -		
Real time clock		sec

RAM stamps keyOn		sec
RAM Stamps		Min
Accelerator Pedal Position		%
Barometric Pressure		
Engine Coolant Temperature		°F
Engine Speed		rpm
Vehicle Speed	2	MPH
HV Battery State of Charge		%
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		
Actual Torque - Motor A		
Actual Torque - Motor B		
Available Motor Torque - Motor A		
Available Motor Torque - Motor B		
Available Regen Torque - Motor A		
Available Regen Torque - Motor B		
Commanded Torque - Motor A		
Commanded Torque - Motor B		
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase C		AMP
Motor A Resolver Angle		Degree
Motor B Resolver Angle		Degree
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Outside Air Temperature		°F
Ignition State		
HCP ePT Wake-Up Output	ff	
CBC Wake-Up Input	ff	
EPT LOC Diag Enable		
Propulsion System Active		
HV Contactor Status		
BCH Allowed Power Consumption		W
BCH Desired Water Temperature	2	°F

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

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

Enable	[REDACTED]	
Response Error	[REDACTED]	
Internal communication Fault	[REDACTED]	
High voltage out of range warning	[REDACTED]	
Low voltage out of range	[REDACTED]	
Coolant temperature out of range error	[REDACTED]	
Hardware self protection (HW defective)	[REDACTED]	
Overheating self protection active	[REDACTED]	
Outlet coolant temperature sensor fault	[REDACTED]	
Service required driver circuit short or open	[REDACTED]	
Service required current consumption out of range	[REDACTED]	
Service required memory error	[REDACTED]	
Service required	[REDACTED]	
Status	[REDACTED]	
BCP Post run request	[REDACTED]	
BCP Air present request	[REDACTED]	
Outlet coolant temperature	[REDACTED]	°F
High voltage current consumption	[REDACTED]	
High voltage measured voltage	[REDACTED]	V
Actual heater power consumption	[REDACTED]	
BCP speed request	[REDACTED]	
BCP Fail safe active request	[REDACTED]	
BCP Supply voltage error	[REDACTED]	
BCP Response error	[REDACTED]	
BCP Post run status	[REDACTED]	
BCP Over temperature error	[REDACTED]	
BCP Over current error	[REDACTED]	
BCP internal error status	[REDACTED]	
BCP Limp home analog signal	[REDACTED]	
BCP Monitoring RPM active	[REDACTED]	
BCP Fail safe active feedback	[REDACTED]	
BCP Dry run error	[REDACTED]	
BCP Deblocking active	[REDACTED]	
BCP Voltage	[REDACTED]	
BCP Temp	[REDACTED]	
BCP Actual speed	[REDACTED]	
BCP Target speed	[REDACTED]	
BCP Current consumption	[REDACTED]	
EAC Enable	[REDACTED]	
EAC Speed request	[REDACTED]	
EAC Board Temperature	[REDACTED]	°F
EAC Current consumption	[REDACTED]	

EAC Power consumption	
EAC Fault status	
EAC Status	
EAC Input high voltage	
EAC IGBT Temperature	°F
EAC Actual speed	
Battery inlet coolant temperature	°F
Battery outlet coolant temperature	°F
Battery maximum module temperature	°F
Battery minimum module temperature	°F
Battery average module temperature	°F
EAC Speed increase request	
Battery inlet coolant temperature validity	
Battery outlet coolant temperature validity	
Battery maximum module temperature validity	
Battery minimum module temperature validity	
Battery average module temperature validity	
Chiller Shut-Off Valve Command	
Chiller Shut-Off Valve Status	
Front Refrigerant Shut-Off Valve Command	
Front Refrigerant Shut-Off Valve Status	
Thermal System Enable State	
A/C Request	
Evaporator Temperature	°F
Evaporator Target Temperature Signal	°F
Refrigerant pressure Signal	
Ambient Temperature	°F
Radiator Fan Actual PWM Feedback	
Battery SOC	
Battery Voltage	
Battery Thermal State	
Battery Contactor Status	
Battery Charging Status	
ePT Wake-Up Output	
EPT LOC Diag Enable	
System Shutdown Command	
Battery Coolant Level Low	
GPS Date - Year	
GPS Date - Month	
GPS Date - Day	Days
UTC Time - Hours	
UTC Time - Minutes	

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

Time - Seconds		seconds
ECU Time - Milliseconds		ms

HCP | 0 | Stored | Hybrid/EV Electronics Coolant Pump "B" Overspeed - Dry Run-

NAME	VALUE	UNITS
DTC		
Original Odometer Value		miles
Occurrence flag		
DTC Extended Data Record Number		
Warning Indicator Requested		
Test Not Completed This Operation Cycle		
Test Failed Since Last Clear		
Test Not Completed Since Last Clear		
Confirmed DTC		
Pending DTC		
Test Failed This Operation Cycle		
Test Failed		
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		%
Barometric Pressure		
Engine Coolant Temperature		°F
Engine Speed		
Vehicle Speed		MPH
HV Battery State of Charge		%
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		
Actual Torque - Motor A		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs

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

Available Regen Torque - Motor B	-	
Commanded Torque - Motor A		
Commanded Torque - Motor B	-	
Motor A - Inverter Current - phase A		
Motor A - Inverter Current - phase B		
Motor A - Inverter Current - phase C		
Motor B - Inverter Current - phase A		
Motor B - Inverter Current - phase B	-	
Motor B - Inverter Current - phase C	-	
Motor A Resolver Angle		
Motor B Resolver Angle		Degree
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Outside Air Temperature		°F
Ignition State		
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
Propulsion System Active		
HV Contactor Status		
BCH Allowed Power Consumption	0	W
BCH Desired Water Temperature		°F
BCH Enable		
Response Error BCH		
BCH Internal communication Fault		
BCH High voltage out of range warning		
BCH Low voltage out of range		
BCH Coolant temperature out of range error		
BCH Hardware self protection (HW defective)		
BCH Overheating self protection active		
BCH Outlet coolant temperature sensor fault		
BCH Service required driver circuit short or open		
BCH Service required current consumption out of range		
BCH Service required memory error		
BCH Service required		
BCH Status		
BCP Post run request		
BCP Air present request		
BCH Outlet coolant temperature		°F
BCH High voltage current consumption		
BCH High voltage measured voltage		
BCH Actual heater power consumption		

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

Speed request		%
Fail safe active request		
Supply voltage error		
Response error		
Post run status		
Over temperature error		
Over current error		
Internal error status		
Limp home analog signal		
Monitoring RPM active		
Fail safe active feedback		
Dry run error		
Deblocking active		
Voltage		
Temp		°F
Actual speed		%
Target speed		%
Current consumption		AMP
EAC Enable		
EAC Speed request		rpm
EAC Board Temperature		°F
EAC Current consumption	0.0	
EAC Power consumption	0.00	KW
EAC Fault status		
EAC Status		
EAC Input high voltage		Volts
EAC IGBT Temperature		°F
EAC Actual speed		rpm
Battery inlet coolant temperature		°F
Battery outlet coolant temperature		°F
Battery maximum module temperature		°F
Battery minimum module temperature		°F
Battery average module temperature		°F
EAC Speed increase request		
Battery inlet coolant temperature validity		
Battery outlet coolant temperature validity		
Battery maximum module temperature validity		
Battery minimum module temperature validity		
Battery average module temperature validity		
Chiller Shut-Off Valve Command		
Chiller Shut-Off Valve Status		
Front Refrigerant Shut-Off Valve Command		

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

Front Refrigerant Shut-Off Valve Status	[REDACTED]	
Thermal System Enable State	[REDACTED]	
A/C Request	[REDACTED]	
Evaporator Temperature	[REDACTED]	°F
Evaporator Target Temperature Signal	[REDACTED]	°F
Refrigerant pressure Signal	[REDACTED]	[REDACTED]
Ambient Temperature	[REDACTED]	°F
Radiator Fan Actual PWM Feedback	[REDACTED]	%
Battery SOC	[REDACTED]	%
Battery Voltage	[REDACTED]	Volts
Battery Thermal State	[REDACTED]	
Battery Contactor Status	[REDACTED]	
Battery Charging Status	[REDACTED]	
HCP ePT Wake-Up Output	[REDACTED]	
EPT LOC Diag Enable	[REDACTED]	
HCP System Shutdown Command	[REDACTED]	
Battery Coolant Level Low	[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	[REDACTED]	seconds
ECU Time - Milliseconds	[REDACTED]	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]