



2.0

CONFIGURATION REPORT

Vehicle **[REDACTED]** DI TURBO PHEV ENGINE
VIN **[REDACTED]**

Odometer 2965.6 **[REDACTED]**
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	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ICS	Integrated Center Stack	CAN-I	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RFH	Radio Frequency Hub	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ESM	Electronic Shifter	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DTCM	Drive Train Control Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ORC	Occupant Restraint	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EPS	Electric Power Steering	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HVAC	Heat, Ventilation and A/C	CAN-I	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CSWM	Comfort Seat Wheel Module	CAN-I	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AMP	Amplifier	CAN-I	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IPC	Instrument Panel Cluster	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PTS	Parktronics	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCCM	Steering Column Control Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BCM	Body Controller	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RADIO	Radio	CAN-I	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
OCM	Occupant Classification	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
LBSS	Left Blind Spot Sensor	CAN-I	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RBSS	Right Blind Spot Sensor	CAN-I	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BPCM	Battery Pack Control Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

HCP	Hybrid Control Processor	CAN-C				
DSM	Display Screen Module	CAN-I				
CVPM	Central vision processing module	CAN-I				
AHCP	Auxiliary Hybrid Control Processor	CAN-C				
ABS	Anti Lock Brakes OBD	CAN-C				
	Security Gateway Module	CAN-C				
DPDM	Driver Presence Detection Module	CAN-C				
DASM	Driver Assistance System Module	CAN-C				
IDCM	Integrated Dual Charge Module	CAN-C				
TBM2	Telematic Box Module 2	CAN-C				

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION		SERIAL NUMBER	CVNS
TCM	/	13 05 0E	17 00 00			
PCM	US					
ICS						
RFH	/					
ESM			2A 00			
DTCM						
ORC						
EPS			DC			
HVAC	US					
CSWM						
AMP	US					
IPC		2C 00				
PTS						
SCCM			13 29 00			
BCM						
RADIO						
OCM	US					
LBSS					TJL	
RBSS					TJL	
BPCM	Rest of world / ROW					
HCP						
DSM	/				T	

AHCP			
ABSO			
SGW			
DPDM			
DASM			
IPM			
TBM2			

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		
4 Speed Automatic Transmission Equipped		

() Equipped

Vehicle Speed Sensor Calculated by ECU

V8 Engine

V8 Engine

Engine

Sensorless FFV Enabled

Electronic Throttle Control Equipped

V6 Engine

Engine

Engine

Engine

V6 Engine

V6 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

Sensor Bank 1 Sensor 1 Equipped

Sensor Bank 1 Sensor 2 Equipped

Sensor Bank 1 Sensor 3 Equipped

O2 Sensor Bank 2 Sensor 1 Equipped

Sensor Bank 2 Sensor 2 Equipped

Fixed displacement AC Equipped

W14 Intake Flow Control Valve Equipped

Electric Coolant Valve Equipped

Engine Oil Heater Cooler Equipped

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

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 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
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

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/ /

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VLP Is Learnable Indicator
VLP Equipped Indicator
VFS Actuators Available Indicator
ERS Equipped Indicator
Engine Software In Package
Transmission Software Included

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

Cruise Equipped
 ETC Cruise equipped
 Adaptive Cruise Control Equipped
 A/C Equipped
 Adaptive Cruise Control Hardware Equipped
 DUAL_ALTERNATOR_GEN1_LEARNEDCOPY
 PULCONFIG Oil Pressure ABS Equipped
 Equipped
 Equipped
 Equipped
 Cummins Equipped
 Equipped
 VMM Equipped
 Powernet Equipped
 () Equipped
 Equipped
 Next Gen Bus Equipped
 Constant Heater Temperature Control Valve Equipped
 High Side Port Tumble Valve Equipped
 CMCV H-Bridge Equipped
 Turbine Volute Valve Actuator Equipped
 Wastegate H-Bridge Equipped
 Active Exhaust Valve Equipped
 Active Exhaust Pressure Sensor Equipped
 Engine Idle Shutoff Equipped
 Aisin 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 Speed Fuel Pump Equipped
 Operator Idle Speed 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

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

Trans 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 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

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 SWITCH INPUTS

Mass Airflow System Equipped

Bi-Directional Crank Sensor Equipped

Cruise (LIN) Equipped

Operator Idle Speed Request Equipped

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

EQUIPPED		
Cylinder Pressure Sensor Equipped		
Make Up Air Sensor Equipped		
Active Exhaust Pressure Sensor Equipped		
Secondary Mass Airflow Sensor Equipped		
Engine		
Direct Injection Engine		
Variable Valve Lift Equipped		
Coolant On/Off Pump Equipped		
Primary Lin Alternator Equipped		
Electronic Parking Brake Equipped		
Active Exhaust Valves Equipped		
Mechanical Coolant Pump Equipped		
Aux Coolant Pump Heater Equipped		
Heater Temp Control Valve Equipped		
High Side Port Tumble Valve Equipped		
Wastegate HBridge Equipped		
Remote Start Present		
Engine Oil Pressure Sensor Type		None

ICS CONFIGURATION

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

RFH 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		
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

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

Ship Status

Tire Pressure System

Selectable Tire Fill Alert

TPM Auto-Locate Enabled

TPMS Configuration

TPM CONFIGURATION

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

ORC CONFIGURATION

NAME	VALUE	UNITS
Rollover Sensing		
EPPM		
Occupant Classification (OCM)		
Driver Seatbelt Buckle Switch		
Passenger Seatbelt Buckle Switch		
Left seat belt Switch		
Center seat belt Switch		
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		
Right Seat Side Airbag		
Driver Frontal Squib 1		
Passenger Frontal Squib 1		
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		UNITS
ATC Control (Factory) (BB)		
ATC Control (BB)		
MTC Control (BB)		
Single Zone MTC Control (BB)		
MTC With ()		
MTC Without ()		
MTC heater only ()		

AMP CONFIGURATION

NAME		UNITS
ANC Calibration Date - Year		
ANC Calibration Date - Week		
ANC Calibration Date - Patch Level	0	
Current ANC Calibration ID - Service		
ANC Status		
Surround Sound Activated		
Door Module - Left Front		

Door Module - Right Front

Premuim - 1

Premuim - 2

Premuim - 3

Non -ANC

No Rear Doors

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		
Tilt Telescope		
Paddle Shifter		
Cruise Control / ACC		

BCM CONFIGURATION

NAME	VALUE	UNITS
RBSM		
LBMS		
BCM (Interior Bus)		
HSM		
HVAC		
PTCM		
Radio		
ITM		
AMP		

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

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

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 (CM)		
ECU Configuration 10		
ECU Configuration 11		
ECU Configuration 12		
ECU Configuration 13		
ECU Configuration 14		
ECU Configuration 15 (CBC Features)		
ECU Configuration 15 (Suspension)		
Vehicle Configuration 7 - Write Counter		
Vehicle Config CSM1		
Vehicle Config CSM2		
Model Year		
Vehicle Line		
Country Code		
Left/Right Hand Drive		
Remote Start Present		
Drive Configuration		
Emode Present		
Auto Highbeam		
Body Style		
Maximum Vehicle Speed		
Shifter Type		
Performance Pages Present		
Special Packages		
PTS Configuration		
Hill Descent Feature Present		
Select Speed Control Feature Present		
Power Inverter Type		
Thatcham Present		
Rain Sensor Present		
System Present		
Air Conditioning Present		
Cruise Feature is Present		

Glass Present

Full Size Spare

Off Road Capable

Special Packages

Max Load Inflation Pressure Rear Tire

Max Load Inflation Pressure Front Tire

Max Load Inflation Pressure Rear Tire

Police Lighting Feature

Power Lift Gate Present

Power Right Sliding Door Present

Power Left Sliding Door Present

RKE System Present

Sunshade Present

T-Case Type

Wheel Base

FOBIK Safe Enable

ELV Present

Fuel Capacity

Window Express Feature Configuration

Adjustable Pedal Feature Present (non-Memory)

Auto Headlamp Feature Present

Door Alert Feature Present

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
Ratio		
Transfer Case Low Range Reduction Ratio		
Dynamic Tire Circumference (All or Rear)		inch
Wheel (DRW) Vehicle Present		
Non-Regulated () Present		
Steering Ratio at		No Unit
Steering Ratio at Positive Angle 1		No Unit
Steering Ratio at Positive Angle		No Unit
Steering Ratio at Positive Angle		No Unit
Steering Ratio at Positive Angle		No Unit
Steering Ratio at Positive Angle 5		No Unit
Analog Door Sensor Configuration		
Air Quality System Present		
Steering Ratio at Negative Angle		No Unit
Steering Ratio at Negative Angle		No Unit
Steering Ratio at Negative Angle		No Unit
Steering Ratio at Negative Angle		No Unit
Steering 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 E29		
Left Rear Door Ajar Input Present - Pin		
Front Driver Analog Door Ajar Input Present - Pin F9		
Reserved - Pin G12		
Horn Switch Input Present - Pin		
Reserved - Pin E15		
Hood Ajar Switch Input Present - Pin A11		
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 D7		
Diesel Cabin Heater #2 Output Present - Pin D9		
Diesel Cabin Heater #3 Output Present - Pin D10		
Diesel Cabin Heater #1 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 A1 &		
Inverter Enable Relay Output Present - Pin		

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Reserved - [REDACTED]	[REDACTED]	[REDACTED]
Gated Park ZFI Output Present - Pin D-[REDACTED]	[REDACTED]	[REDACTED]
Reserved - [REDACTED]	[REDACTED]	[REDACTED]
Rear Fog Lamps Output Present - [REDACTED] & [REDACTED]	[REDACTED]	[REDACTED]
Rear Park Lamps Output Present - Pin [REDACTED] & [REDACTED]	[REDACTED]	[REDACTED]
Rear Turn Lamps Output Present - [REDACTED] & [REDACTED]	[REDACTED]	[REDACTED]
ACC Y Relay #2 Output Present - Pin [REDACTED]	[REDACTED]	[REDACTED]
Side Markers Output Present - Pin [REDACTED] & [REDACTED]	[REDACTED]	[REDACTED]
Trailer Backup Lamps Output Present - Pin [REDACTED]	[REDACTED]	[REDACTED]
Reserved - Pin F4	[REDACTED]	[REDACTED]
UGDO Feed Output Present - Pin [REDACTED]	[REDACTED]	[REDACTED]
VTA Warning LED Output Present - Pin [REDACTED]	[REDACTED]	[REDACTED]
Park Brake Input Present - Pin [REDACTED]	[REDACTED]	[REDACTED]
Ambient Temperature Sensor Present - Pin [REDACTED]	[REDACTED]	[REDACTED]
Tip Start Enabled	[REDACTED]	[REDACTED]
Dual Start Relay System Present	[REDACTED]	[REDACTED]
Wiper Service Position Enabled	[REDACTED]	[REDACTED]
Trailer Tow Present	[REDACTED]	[REDACTED]
Quad Headlamps Enable	[REDACTED]	[REDACTED]
Horn Chirp Allowed	[REDACTED]	[REDACTED]
Bi Xenon Headlamps Enable	[REDACTED]	[REDACTED]
Hazard Lamp Configuration	[REDACTED]	[REDACTED]
Park Lamp Loadshed Enable	[REDACTED]	[REDACTED]
Front Fog Lamp Dropout Enable	[REDACTED]	[REDACTED]
Combined Rear Lighting Enable	[REDACTED]	[REDACTED]
Side Repeaters Enable	[REDACTED]	[REDACTED]
[REDACTED] Lane Change	[REDACTED]	[REDACTED]
Exterior Light Loadshed Enable	[REDACTED]	[REDACTED]
Front Wiper Park Enable	[REDACTED]	[REDACTED]
Rear Wiper Park Enable	[REDACTED]	[REDACTED]
Reversible Washer Pump Enable	[REDACTED]	[REDACTED]
[REDACTED] Element Tail Lamp	[REDACTED]	[REDACTED]
DRL Configuration	[REDACTED]	[REDACTED]
DRL Lamp Location	[REDACTED]	[REDACTED]
DRL Dropout Enable	[REDACTED]	[REDACTED]
Tunnel Detection	[REDACTED]	[REDACTED]
Military Vehicle Present	[REDACTED]	[REDACTED]
LED Reverse Lamps Present	[REDACTED]	[REDACTED]
LED Stop Lamps Present	[REDACTED]	[REDACTED]
LED Rear Turn Lamps Present	[REDACTED]	[REDACTED]
LED Tail Lamps Present	[REDACTED]	[REDACTED]
LED Rear Fog Lamps Present	[REDACTED]	[REDACTED]
LED License Lamps Present	[REDACTED]	[REDACTED]
LED Front Turn Lamps Present	[REDACTED]	[REDACTED]

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 Status
 LED CHMSL Lamp Present
 Rear Camera Present
 Power Inverter Present
 Front Park Assist Present
 Front Heated Seats Present
 Front Ventilated Seats Present
 Destination
 Cabin Equilization Curve Number
 Hill Start Assist Customer Setting Option Present
 Radio Apps Present
 CTP Easy Entry Enable
 CTP Passive Entry Present
 CTP Auto Lock Disable
 SDAR Travel Link Present
 DAB Present
 Vehicle Theft Alarm Present
 Heated Steering Wheel Present
 VIN Check Digit Diable
 Surround Sound Feature Present
 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

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)

Microphone Type	[REDACTED]	[REDACTED]
External Port Type	[REDACTED]	[REDACTED]
Splashscreen Type	[REDACTED]	[REDACTED]
ERS Available	[REDACTED]	[REDACTED]
Rear Wheel Dually	[REDACTED]	[REDACTED]
Max Gear	[REDACTED]	[REDACTED]
Manual Speedometer Units	[REDACTED]	[REDACTED]
Speedometer Range Max Scale	[REDACTED]	[REDACTED]
IC Configuration	[REDACTED]	[REDACTED]
PTO Present	[REDACTED]	[REDACTED]
AMB Dimmer	[REDACTED]	[REDACTED]
Heated Seat Present	[REDACTED]	[REDACTED]
Split Shaft Present	[REDACTED]	[REDACTED]
Manual Headlamp Leveling	[REDACTED]	[REDACTED]
Gear Shift Indicator	[REDACTED]	[REDACTED]
Service Interval	[REDACTED]	[REDACTED]
Temperature Celsius for UK	[REDACTED]	[REDACTED]
Type of [REDACTED]	[REDACTED]	[REDACTED]
Tip Start Present	[REDACTED]	[REDACTED]
AP5 Trunk Lock	[REDACTED]	[REDACTED]
Airport Scenario Trunk Set	[REDACTED]	[REDACTED]
AP1 Left Front	[REDACTED]	[REDACTED]
AP2 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

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 Pro 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

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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

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

Siren

Ultrasonics

Tilt

Swing Gate Lock Present - Pin

Swing Gate Unlock Present - Pin

Front Fog Voltage

Rear Fog Voltage

CHMSL 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

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Steering Smoothing Threshold 150 Degrees

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

Pitch 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

Module Present

R feature Present

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

Surround View Camera On/Off Softkey Present		
Drive Mode Version		on 1
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 Factor		
Speedometer Tolerance		
Increasing speed constant		
Tachometer Type		
DTV Present		
Tri-State Comfort Climate Softkey Function Present		

RADIO CONFIGURATION

NAME	VALUE	UNITS
Satellite Subscription Status		
Reason Code		
Suspend Day		
Suspend Month		
Suspend Year		
Distortion Limiting		
Clock Defeat		
Stereo Blend		
High Cut		
Automated Loudness		
Anti-Theft Enable Status		
Time Selection		
Front Seat Video Playback		
Cabin EQ Curve Number Currently Used by Radio		events
Splash Screen		
USB Hubs Detected		No Unit
SD Card Readers Detected		No Unit
Enumerated USB Devices		No Unit
Aux Jack		

LBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)		

Teen Key No

CFG FEATURE

RBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)		
Teen Key		

ABSO CONFIGURATION

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

DASM CONFIGURATION

NAME	VALUE	UNITS
ACC Present		
ACC STOP Present		
Present		
FCW Present		
Present		
Auto High Beam Present		
Present		

CONFIGURATION

NAME	VALUE	UNITS
Enable Auto Answer		



WI
TECH 2.0

VEHICLE SCAN REPORT

Vehicle [REDACTED] DI TURBO PHEV ENGINE

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

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

HCP	Hybrid [REDACTED] Processor	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DSM	Display Screen Module	CAN-I	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CVPM	Central vision processing module	CAN-I	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	Auxiliary Hybrid [REDACTED] Processor	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ABS	Anti Lock Brakes OBD	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SGW	Security Gateway Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DPDM	Driver Presence Detection Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DASM	Driver Assistance System Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IDCM	Integrated Dual Charge Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	Telematic Box Module 2	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	[REDACTED]	[REDACTED]	[REDACTED]	CVNS
TCM	[REDACTED] / [REDACTED]	13 05 0E	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PCM	[REDACTED]	20 47	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ICS	[REDACTED]	10 1E 00	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RFH	[REDACTED] / [REDACTED]	10 17 00	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ESM	[REDACTED]	15 18 00	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DTCM	[REDACTED]	11 22 00	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ORC	[REDACTED]	16 14 00	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EPS	[REDACTED]	10 13 00	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HVAC	[REDACTED] / [REDACTED]	15 2B 01	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CSWM	[REDACTED]	11 2A 00	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AMP	[REDACTED]	21 01 01	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IPC	[REDACTED]	21 2C 00	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PTS	[REDACTED]	10 32 01	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCCM	[REDACTED]	13 28 00	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BCM	[REDACTED]	0D 11 [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RADIO		65	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
OCM	[REDACTED]	15 17 01	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
LBSS	[REDACTED]	11 23 01	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RBSS	[REDACTED]	11 23 01	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BPCM	Rest of world / ROW	13 0C 04	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HCP	[REDACTED]	16 2D 08	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DSM	[REDACTED] / [REDACTED]	16 2B 00	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CVPM	[REDACTED]	11 27 01	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

ABSO				
SGW				
DPDM				
DASM				

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
RADIO			Active
HCP			Active
HCP			Active
			Active
			Stored
			Active

DATA SUMMARY

No Environmental Data available for

HCP | Active | Drive Motor

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		
RAM Stamps		
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	█
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	

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

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

Volts

Volts

rad/s

rad/s

10

■■■■■

100

—

—

Volts

Volts

rad/s

rad/s

11

11

Volts

Volts

Volts

Volts

114

114

114

rpm

114

11

rpm

1

sec

[illegible]

eMotor B Temperature Stator		°F
eMotor B Temperature Inverter Model		
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	0	
eMotor B Lifetime Over Voltage Events	0	
eMotor B Lifetime Max Voltage		
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 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		
Time -		
ECU Time		

HCP | 0 | Active | Proximity Detection Circuit

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		

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

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 -

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

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

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

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

Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Outside Air Temperature		°F
Ignition State		
ePT Wake-Up Output		
CBC Wake-Up Input		
PT LOC Diag Enable		
Propulsion System Active		
HV Contactor Status		
HV Battery Voltage from BPCM		
Electric Motor A Speed		
Electric Motor B Speed		
PIM DC Link Voltage - A		
PIM DC Link Voltage - B		
Inverter A IGBT Temperature for phase A		°F
Inverter A IGBT Temperature for phase B		°F
Inverter A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase C		°F
APM Status		
Impact Event		
PRND Position Display		
System Shutdown Command		
PHEV Charging Status		
Distance Travelled with Light ON		miles
OBCM Operating Mode		
Prox Detected State		
HV Battery Sleep Time		Days
SW Build Release Version		
SW Version		
HVIL Sense Input State		
No Charging Reasons		
CAN Overrun Counter		Number
Maximum Charge Current Allowed		
Charge Current Available		
OBCM Derating Reason		
Commanded OBCM Mode		
Pilot Detected State		
OBCM Status		
Close Command		
OBCM Ready to Charge		
Command to Enable Charging		
Charging Level		

[REDACTED] Charging System Fault	[REDACTED]	
DC Voltage Not Detected	[REDACTED]	
AC Voltage Detected	[REDACTED]	
HV Battery Actual Current	[REDACTED]	AMP
AC Voltage for Charging	[REDACTED]	Volts
AC Current During Charging	[REDACTED]	Amps
Maximum EVSE Current Available	[REDACTED]	AMP
[REDACTED] Charging Current Command	[REDACTED]	AMP
[REDACTED] Charging Voltage Command	[REDACTED]	Volts
DC Charging Current	[REDACTED]	Amps
OBCM Charging Voltage	[REDACTED]	Volts
OBCM Module A Max Temperature	[REDACTED]	°F
OBCM Module A PCB Temperature	[REDACTED]	°F
OBCM Module B Max Temperature	[REDACTED]	°F
OBCM Module B PCB Temperature	[REDACTED]	°F
OBCM Accumulated Charging Time	[REDACTED]	hrs
OBCM Charging Power	[REDACTED]	KW-Hrs
HV Battery Pump Current	[REDACTED]	AMP
Radiator Fan Command	[REDACTED]	%
HV Battery Inlet Temperature	[REDACTED]	°F
HV Battery Outlet Temperature	[REDACTED]	°F
HV Battery Min Cell Voltage	[REDACTED]	Volts
Max Cell Voltage	[REDACTED]	Volts
Min Cell Temperature	[REDACTED]	°F
Max Cell Temperature	[REDACTED]	°F
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

[REDACTED] | [REDACTED] | Active | SPI Comm Hardware Fault-

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]	

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

Extended Data Record Number		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Microcontroller reset reason -		
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		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		
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
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
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		Degree
Motor B Resolver Angle		Degree
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Outside Air Temperature		°F
Ignition State		

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

█ ePT Wake-Up Output	█	
CBC Wake-Up Input	█	
EPT LOC Diag Enable	████████████████████	
Propulsion System Active	█	
HV Contactor Status	█	
HV Battery Voltage from BPCM	██	
Electric Motor A Speed	██	
Electric Motor B Speed	██	
PIM DC Link Voltage - A	██	
PIM DC Link Voltage - B	██	
Inverter A IGBT Temperature for phase A	█	°F
Inverter A IGBT Temperature for phase B	█	°F
Inverter A IGBT Temperature for phase C	█	°F
Inverter B IGBT Temperature for phase A	█	°F
Inverter B IGBT Temperature for phase B	█	°F
Inverter B IGBT Temperature for phase C	█	°F
APM Status	█	
Impact Event	█	
PRND Position Display	█	
█ System Shutdown Command	█	
PHEV Charging Status	█	
Distance Travelled with Light ON	██	
OBCM Operating Mode	█	
█ Detected State	█	
HV Battery Sleep Time	██	
Main Processor Reset Source - Core 0	█	
Main Processor Reset Source - Core 1	█	
Static NVM CRC Status	█	
Cumulative NVM CRC Status	█	
Adaptable NVM CRC Status	█	
Preserved NVM CRC Status	█	
Expendable NVM CRC Status	█	
MCPUnit EEPROM CRC Status	█	
MCPInit EEPROM CRC Status	█	
BSW EEPROM CRC Status	█	
Non Volatile RAM CRC Status	█	
█ - MCPA SPI █ Count	00	
█ - MCPA SPI █ Count	00	
MCPB - MCPA SPI █ Count	00	
MCPB - MCPA SPI █ Count	00	
█ Count- Core 0	00	
█ Count- Core 0	00	
█ Count- Core 1	02	
█ Count- Core 1	03	

Main Stack Fault		
Main Analog-to-Digital Converter Fault		
External Watchdog Fault		
MainTPU_Flt		
Main Clock Fault		
MAIN ALU Fault		
MAIN Detected SPI Fault		
Main Detected Seed Received In Wrong Order		
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
UTC Time - Seconds	1	seconds
ECU Time - Milliseconds		ms

HCP | [REDACTED] | Stored | Secret Key Not Stored in ECU-

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 - Core 0		
Microcontroller reset reason - [REDACTED]		
Real time clock		
RAM stamps keyOn		sec
RAM Stamps		Min
Accelerator Pedal Position		%
Barometric Pressure		
Engine Coolant Temperature		°F
Engine Speed		rpm
Vehicle Speed		MPH
HV Battery SOC		%

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

Brake Switch Status Not Applied

Battery Feed Voltage 1	
Battery Feed Voltage 2	
Battery Feed Voltage	
Internal EPS Voltage Sense A	
Internal EPS Voltage Sense B	
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	
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	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	
CBC Wake-Up Input	
EPT LOC Diag Enable	
Propulsion System Active	
HV Contactor Status	
HV Battery Voltage from BPCM	
Electric Motor A Speed	
Electric Motor B Speed	
PIM DC Link Voltage - A	
PIM DC Link Voltage - B	
Inverter A IGBT Temperature for phase A	°F
Inverter A IGBT Temperature for phase B	°F
Inverter A IGBT Temperature for phase C	°F
Inverter B IGBT Temperature for phase A	°F
Inverter B IGBT Temperature for phase B	°F
Inverter B IGBT Temperature for phase C	°F
APM Status	

Impact Event	
PRND Position Display	
HCP System Shutdown Command	
PHEV Charging Status	
Distance Travelled with Light ON	
OBCM Operating Mode	
Detected State	
HV Battery Sleep Time	
SW Build Release Version	
High Voltage Bus Voltage fault status	
HV Battery Voltage	
HV Battery Voltage fault status	
APM HV Voltage	
APM HV Voltage fault status	
ECH HV Voltage	
ECH HV Voltage fault status	
EAC HV Voltage	
EAC HV Voltage fault status	
HV Battery Contactor Status FA	
DAP Contactor Open	
Air PTC Heater HV Voltage	
Air PTC Heater HV Voltage Fault Status	
DBK Heater HV Voltage	
DBK Heater HV Voltage Fault Status	
High Voltage Interlock Status	
Engine WarmUp Cycle Complete	
Charging System Status	
Charging Level	
High Voltage Contactor Control	
GPS Date -	
GPS Date - Month	
GPS Date - Day	
Time - Hours	
Time - Minutes	
Time - Seconds	
ECU Time -	

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 - All		
Occurrence flag		
Original Odometer Value		
Most Recent Odometer Value		
Frequency Counter	1	
Ignition Cycle Counter		
APM High Voltage DC Current Set Point		
APM Low Voltage DC Current Set Point		
HCP Commanded APM Operating Mode		
APM High Voltage DC Voltage Set Point		
Low voltage battery voltage from HCP		
APM Low Voltage DC Voltage Set Point		
APM Internal Mode		
APM Wake Up Status		
APM Wake Up Reason		
HV Contactor Status		
HV Battery Voltage from BPCM		
APM Estimated Power		
APM HV side Current Feedback		
APM LV side Current Feedback		
APM Operation Mode Status Reported from APM		
APM HV Side Voltage Feedback		
APM LV Side Voltage Feedback		
APM Current Limit Mode		
APM Power Limit Mode		
APM HV Over V Status		
APM LV High I Status		
APM LV High V Status		
APM LV Low V Status		
CurrentFailSts_APM		
GenericFailSts_APM		
APM Derating Mode Status		
APM Derating Reason		
APM Failure Mode Status		
APM Failure Reason		
APM Temp		°F
APM Temp Cold Plate		°F
APM Temp		°F
APM Util Pct of DC/DC		%

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APM Derating Power	0	Watt
APM Batt Feed Volt		Volt
APM I DC HV Set P Feedback		AMP
APM LV I Set P Feedback		AMP
APM HV V Set P Feedback		Volt
APM V DC LV Set P Feedback		Volt
APM Input Power		Watt
APM Output Power		Watt
APM_CurrentOperTime		sec
APM_TotalOperTime		Hours
DTC Extended Data Record Number - Record #2		
OBCM Status AC Present		
AC Line Low		
AC Line High		
AC Side Current		Amps
AC Side Volt		Volts
HCP (EVCU) AC Current Max Cal		Amps
HCP (EVCU) Voltage Request		Volts
HCP (EVCU) Current Request		AMP
Battery Not Detected		
Battery Voltage Under Min		
Battery Voltage Over Max		
Battery Side Current		Amps
Battery Side Voltage		Volts
OBCM Charge Current Available		AMP
BPCM HV Battery Contactor Open		
HV OC		
HV OV		
SBC Bus Off		
CANSIP Bus Off		
HCP (EVCU) HV Current Max Cal		Amps
HCP (EVCU) HV Volt Max Cal		Volt
HCP (EVCU) HV Volt Min Cal		Volt
OBCM Temperature 1		°F
OBCM Temperature 2		°F
OBCM Temperature 3		°F
OBCM Temperature 4		°F
NTC1 OT		
NTC2 OT		
NTC3 OT		
NTC4 OT		
External OBCM Inlet Temperature (CAN)		°F
ICA		AMP
Close		

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[REDACTED] Status

Control Pilot Amplitude

Control Pilot Duty Cycle

Control Pilot Frequency

Hz

EVSE Pilot Stat

Prox Stat

Pre-Voltage

[REDACTED] Charge Time

[REDACTED] Charge Tml

[REDACTED] Idle Time

[REDACTED] Idle Tml

hrs

Watt [REDACTED] of AC Power

Watt [REDACTED] of Charge the HV Bus

[REDACTED] M Mode

[REDACTED] M Charger Ready

[REDACTED] M WU Status

Charge Enable Status

[REDACTED] ([REDACTED]) Shutdown Command

[REDACTED] ([REDACTED]) Enable Charge Command

[REDACTED] ([REDACTED]) [REDACTED] Mode Request

Generic Fail Sts

Chrg Fail Sts

[REDACTED] M Wake Up Reason

[REDACTED] Control Mth

[REDACTED] CM Deraing Reason

Close Chrgr Cntctr

Chrgr Cntctr Stat

Chrg Mode

[REDACTED] M Fault Reason

EPT LOC Diag Enable

[REDACTED] Shutdown Command

HV Battey Contactor Open

BPCM Request for HV Contactor

HV Contactor Status

Ignition on Time for DTC

Module A Primary - PFC Temperature

Module A Primary - LLC Temperature

Module A Secondary - Buck Temperature

Module A Secondary - Ambient Temperature

Module A Primary - AC Side Volt

Module A Primary - AC Side Current

Module A Secondary - Battery Side Voltage

Module A Secondary - Battery Side Current

sec

°F

°F

°F

°F

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

INFORMATION

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

A	Buck Output Voltage	
	Primary - PFC Temperature	
	Primary - Temperature	°F
	Buck Temperature	°F
	Ambient Temperature	°F
	Primary - AC Side Volt	
	Primary - AC Side Current	
	Battery Side Voltage	
	Battery Side Current	
	Buck Output Voltage	
	Over Voltage Protect	
	Aux Over Voltage Protect	
	Aux Under Voltage Protect	
	Over Voltage Protect	
	Under Voltage Protect	
	PFC Over Voltage Protect	
	PFC Under Voltage Protect	
	Battery Under Voltage Protect	
	Battery Over Voltage Protect	
	AC Under Voltage Protect	
	AC Over Voltage Protect	
	AC Over Current Protect	
	Voltage Over MaxCal Protect	
	Over Current Protect	
	Power Stage Over Voltage Protect	
	Internal Memory Fault	
M	Over Temperature Protect	
	HCP Loss of Communication Protect	
	CAN Bus Off	
	Pilot Duty Fault	
	Loss BPCM Communication Protect	
	Prox Range To Low	
M	Prox Range To High	
	Voltage Under MinCal Protect	
	SPI Communication Fault	
	WakeUp Output Stuck Low	
M	Pilot Short To Battery	
	WakeUp Output Stuck High	
	ORC Loss of Communication	
	HV Battery Not Contact	
	Loss Communication Protect	
	Receive HV Battery Contact Open From BPCM	
	Aux Over Voltage Protect	
	Aux Under Voltage Protect	

OBCM - Primary Aux Over Voltage Protect

OBCM - Primary Aux Under Voltage Protect

OBCM - Stuck Shutdown

OBCM - Cycle Shutdown

OBCM - HV Under Voltage Protect

OBCM - Vehicle Impact

OBCM - ARC/CRC Fault

OBCM - AC Contact Welded Fault

Control Pilot Open fault

Prox open fault

OBCM - Internal S1 Switch Low Fault

OBCM - Internal S2 Switch High Fault

OBCM - Pilot Range Fault

OBCM - Prox Range Fault

force shutdown fault

pilot signal wake up issue because of

HCP stuck low fault

HCP stuck High fault

Plant mode flag

Retry fault flag

Loss SBC communication (SPI)

pilot input short to battery fault in Driver mode detecting

pilot input short to ground fault

pilot short to ground fault in driver mode detecting

Charging ready line open fault

Pilot frequency range fault

OBCM - Internal S2 Switch High Fault in Driver mode detecting

Module A Primary - AC Under Voltage Protect

Module A Primary - PFC Power Limit

Module A Primary - PFC Enable States

Module A Primary - LLC Enable States

Module A Primary - PFC Under Voltage Protect

Module A Primary - PFC Over Voltage Protect

Module A Primary - Over Temperature Protect

Module A Primary - Hot Warning

Module A Primary - AC Present

Module A Primary - PFC Over Temperature Protect

Module A Primary - LLC Over Temperature Protect

Module A Primary - PFC Hot Warning

Module A Primary - LLC Hot Warning

Module A Primary - AC Over Voltage Protect

Module A Primary - Relay Enable States

Module A Primary - Aux Over Voltage Protect

Module A Primary - Aux Under Voltage Protect

Module A Primary - Micro Enable Command

Module A Primary - AC Vin Lost

Module A Primary - Loss Communication Protect

Module A Primary - Standby Mode

Module A Primary - Operate Mode

Module A Primary - Shutdown Mode

Module A - Aux Enable States

Module A - HV Enable States

Module A - LLC Under Voltage Protect

Module A - LLC Over Voltage Protect

Module A - HV Over Voltage Protect

Module A - HV Over Current Protect

Module A - Over Temperature Protect

Module A - Hot Warning

Module A - HV Over Temperature Protect

Module A - Ambient Over Temperature Protect

Module A - HV Hot Warning

Module A - Ambient Hot Warning

Module A - Aux Over Voltage Protect

Module A - Aux Under Voltage Protect

Module A - Loss Primary Communication Protect

Module A - LV Micro Enable Command

Module A - Loss LV Communication Protect

Module A - Primary Turn On States

Module A - Primary Shutdown States

Module A - HV Under Voltage Protect

Module A - Standby Mode

Module A - Operate Mode

Module A - Shutdown Mode

Module A - LV Micro Disable Command

Module A - PFC High Temperature Derating

Module A - PFC Low Temperature Derating

Module A - LLC High Temperature Derating

Module A - LLC Low Temperature Derating

Module A - HV High Temperature Derating

Module A - HV Low Temperature Derating

Module A - Ambient High Temperature Derating

Module A - Ambient Low Temperature Derating

Module A - AC Input Voltage Derating

Module A - HV Output Voltage Derating

Module B Primary - AC Under Voltage Protect

Module B Primary - PFC Power Limit

Module B Primary - PFC Enable States

Module B Primary - LLC Enable States

Primary - PFC Under Voltage Protect
 Primary - PFC Over Voltage Protect
 Primary - Over Temperature Protect
 Primary - Hot Warning
 Primary - AC Present
 Primary - PFC Over Temperature Protect
 Primary - LLC Over Temperature Protect
 Primary - PFC Hot Warning
 Primary - AC Over Voltage Protect
 Primary - LLC Hot Warning
 Primary - Relay Enable States
 Primary - HV Over Voltage Protect
 Primary - Aux Under Voltage Protect
 Primary - Micro Enable Command
 Primary - AC Vin Loss
 Primary - Loss Communication Protect
 Primary - Standby Mode
 Primary - Operate Mode
 Primary - Shutdown Mode
 - Aux Enable States
 - HV Enable States
 - LLC Under Voltage Protect
 - LLC Over Voltage Protect
 - HV Over Voltage Protect
 - HV Over Current Protect
 - Over Temperature Protect
 - Hot Warning
 - HV Over Temperature Protect
 - Ambient Over Temperature Protect
 - HV Hot Warning
 - Ambient Hot Warning
 - Aux Over Voltage Protect
 - Aux Under Voltage Protect
 - Loss Primary Communication Protect
 - LV Micro Enable Command
 - Loss LV Communication Protect
 - Primary Turn On States
 - Primary Shutdown States
 - HV Under Voltage Protect
 - Standby Mode
 - Operate Mode
 - Shutdown Mode
 - LV Micro Disable Command
 - PFC High Temperature Derating

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

[REDACTED]	[REDACTED] Low Temperature Derating	[REDACTED]	
[REDACTED]	[REDACTED] High Temperature Derating	[REDACTED]	
[REDACTED]	[REDACTED] Low Temperature Derating	[REDACTED]	
[REDACTED]	[REDACTED] HV High Temperature Derating	[REDACTED]	
[REDACTED]	[REDACTED] HV Low Temperature Derating	[REDACTED]	
[REDACTED]	[REDACTED] Ambient High Temperature Derating	[REDACTED]	
[REDACTED]	[REDACTED] Ambient Low Temperature Derating	[REDACTED]	
[REDACTED]	[REDACTED] AC Input Voltage Derating	[REDACTED]	
[REDACTED]	[REDACTED] HV Output Voltage Derating	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	
GPS Date - Year			Year
GPS Date - Month			
GPS Date - Day			Days
UTC Time - Hours			Hours
UTC Time - Minutes			
UTC Time - Seconds			seconds
ECU Time - Milliseconds			ms

SNAPSHOT DATA SUMMARY

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



WI
TECH 2.0

VEHICLE SCAN REPORT

Vehicle [REDACTED] DI TURBO PHEV ENGINE

Odometer 2965.6 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	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ICS	Integrated Center Stack	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RFH	Radio Frequency Hub	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ESM	Electronic Shifter	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DTCM	Drive Train Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ORC	Occupant Restraint	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EPS	Electric Power Steering	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HVAC	Heat, Ventilation and A/C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CSWM	Comfort Seat Wheel Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AMP	Amplifier	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IPC	Instrument Panel Cluster	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PTS	Parktronics	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCCM	Steering Column Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BCM	Body Controller	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RADIO	Radio	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
OCM	Occupant Classification	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
LBSS	Left Blind Spot Sensor	CAN-I	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RBSS	Right Blind Spot Sensor	CAN-I	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BPCM	Battery Pack Control Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

SessionID # [REDACTED]

HCP	Hybrid Control Processor	CAN-C			
DSM	Display Screen Module	CAN-I			
CVPM	Central vision processing module	CAN-I			
AHCP	Auxiliary Hybrid Control Processor	CAN-C			
ABS	Anti Lock Brakes OBD	CAN-C			
	Security Gateway Module	CAN-C			
DPDM	Driver Presence Detection Module	CAN-C			
DASM	Driver Assistance System Module	CAN-C			
IDCM	Integrated Dual Charge Module	CAN-C			
TBM2	Telematic Box Module 2	CAN-C			

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION			CVNS
TCM	/				
PCM	US				
ICS					
RFH	/				
ESM					
DTCM					
ORC					
EPS					
HVAC	US				
CSWM					
AMP	US				
IPC					
PTS					
SCCM					
BCM					
RADIO					
OCM	US				
LBSS					
RBSS					
BPCM	Rest of world / ROW				
HCP					
DSM	/				

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