

INFORMATION

CONFIGURATION REPORT

Vehicle [REDACTED] DI TURBO PHEV ENGINE [REDACTED]

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	[REDACTED]	[REDACTED]
TCM	Transmission Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PCM	Powertrain Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ASBS	Automatic Sway Bar System	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ICS	Integrated Center Stack	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RFH	Radio Frequency Hub	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ESM	Electronic Shifter	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DTCM	Drive Train Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ORC	Occupant Restraint	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EPS	Electric Power Steering	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HVAC	Heat, Ventilation and A/C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CSWM	Comfort Seat Wheel Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PTCM	Power Top Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AMP	Amplifier	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IPC	Instrument Panel Cluster	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCCM	Steering Column Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BCM	Body Controller	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RADIO	Radio	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
OCM	Occupant Classification	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BPCM	Battery Pack Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HCP	Hybrid Control Processor	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

(B) (6)

		CAN-C				
	Anti Lock Brakes OBD	CAN-C				
	Security Gateway Module	CAN-C				
	Driver Presence Detection Module	CAN-C				
	Integrated Dual Charge Module	CAN-C				

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
PCM						
ASBS						
RFH						
ESM						
D						
ORC						
EPS						
HVAC						
CSWM						
P						
AMP						
IPC						
SCCM						
BCM						
RADIO						
OCM						
HCP						
AHCP						

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 Range equipped	---	
Engine Start/Stop equipped	---	
Polystable E-shift (Cableless without return-to-center) equipped	---	
Long Learn Enabled	---	
Short Learn Enabled	---	

PCM CONFIGURATION

NAME	VALUE	UNITS
AC Equipped	---	
AC Equipped Over Bus	---	
Power Steering Switch Equipped	---	
4 Button Integrated Cruise Control	---	
EMAT (Getrag DCT transmission) Equipped	---	
Vehicle Speed Sensor #1 Calculated from CAN	---	
Police Package Equipped	---	
Unleaded Gasoline Fuel	---	
Unleaded diesel fuel	---	
V8 Engine	---	
4 Speed Automatic Transmission Equipped	---	
Electronic Automatic Transmission (EATX) Equipped	---	
Vehicle Speed Sensor #1 Calculated by ECU	---	
V8 Engine	---	
V8 Engine	---	
V8 Engine	---	
Sensorless FFV Enabled	---	
Electronic Throttle Control Equipped	---	
V6 Engine	---	

Engine	---	
Engine	---	
Engine	---	
V6 Engine	---	
V6 Engine	---	

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V6 Engine	---	
Solenoid Equipped	---	
Equipped	---	
Turbocharger Equipped	---	
SRV Equipped	---	
Secondary Air Equipped	---	
SMF Indicator Lamp Equipped	---	
Barometric Sensor Equipped	---	
TIP Equipped	---	
Battery Temp Sensor Equipped	---	
Knock Sensor 1 Equipped	---	
Knock Sensor 2 Equipped	---	
WI4 Variable Valve Timing Equipped	---	
Clutch Interlock Switch Equipped	---	
ESIM Equipped	---	
Linear Purge Equipped	---	
Linear EGR Equipped	---	
Continuous Variable Transmission Equipped	---	
Direct Injection Equipped	---	
Secondary Fuel Pump Equipped	---	
Electronic Coolant Pump Equipped	---	
Sensor Bank 1 Sensor 1 Equipped	---	
Sensor Bank 1 Sensor 2 Equipped	---	
Sensor Bank 1 Sensor 3 Equipped	---	
Sensor Bank 2 Sensor 1 Equipped	---	
Sensor Bank 2 Sensor 2 Equipped	---	
Variable Displacement AC Equipped	---	
Fixed displacement AC Equipped	---	
4 Intake Flow Control Valve Equipped	---	
Electric Coolant Valve Equipped	---	
Engine Oil Heater Cooler Equipped	---	
Transmission Oil Heater Equipped	---	
Electric Water Pump Equipped	---	
Rear Heater Equipped	---	
Starter Relay 2 Equipped	---	
Inrush Current Reduction Relay Equipped	---	
Active Grille Shutter Equipped	---	
Electronic Vacuum Pump Equipped	---	
Wide Range O2 Sensor 1/1 Equipped	---	
Wide Range O2 Sensor 2/1 Equipped	---	
MultiAir Equipped	---	
Engine Stop Start Equipped	---	
Viscosity Sensor Equipped	---	
Duty Cycle Purge Valve Equipped	---	

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Electric Thermostat Heater Equipped

Exhaust Cam 1 Equipped

Intake Cam 1 Equipped

engine

engine

engine

Engine

Turbo 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

Transmission Software Included

ICC 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

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VMM Equipped	---	
Powernet Equipped	---	
() Equipped	---	
() Equipped	---	
Equipped	---	
Bus Equipped	---	
Constant Heater Temperature Control Valve Equipped	---	
High Side Port Tumble Valve Equipped	---	
CMCV H-Bridge Equipped	---	
Turbine Volume 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	---	
Write Programming Support Enabled	---	
Active Engine Mount Equipped	---	
Transmission Equipped	---	
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	---	
Trans Skip Shift Equipped	---	
Trans Reverse Lockout Equipped	---	
Port Flap Valve Equipped	---	
Brushless PWM Fan Equipped	---	
Engine	---	
Primary Lin Alternator Equipped	---	
Coolant On-Off Pump Equipped	---	
Oil Pressure Sensor Enabled	---	
Learning Strategy Equipped	---	
Dual Fuel Tank Equipped	---	
Yaw Rate Sensor ESC Equipped	---	

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

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	---		
Capable	---		
Auxiliary Coolant Pump Equipped	---		
Equipped	---		
6- Trans Equipped	---		
Cruise Equipped	---		
Power Steering Angle Sensor Mandatory	---		
Throttle Inlet Temp Sensor Equipped	---		
LIN Humidity, Temp, and Pressure Sensor Equipped	---		
Dual Fuel Pressure Sensor Equipped	---		
Brake Pedal Sensor Equipped	---		
Clutch Sensor Equipped	---		
SWAP HARDWIRED BRAKE SWITCH INPUTS	---		
Mass Airflow System Equipped	---		
Bi-Directional Crank Sensor Equipped	---		
Cruise (LIN) Equipped	---		
Operator Idle Request Equipped	---		
O2 SENSOR 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	---		

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

Active Exhaust Valve(s) 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	UNITS
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		
RKE		
Module Configuration Status		
Remote Start Present		
Programmed by		
Hardware Configuration: Remote Start Antenna		
Hardware Configuration: Front Left Door Handle H/W		
Hardware Configuration: Front Right Door Handle H/W		
Hardware Configuration: Rear Left Door Handle H/W		
Hardware Configuration: Rear Right Door Handle H/W		
Hardware Configuration: Trunk Door Handle H/W		
RFHub Locked		
Fob Location #1 Successfully Programmed		
Fob Location #2 Successfully Programmed		
Fob Location #3 Successfully Programmed		
Fob Location #4 Successfully Programmed		
Fob Location #5 Successfully Programmed		
Fob Location #6 Successfully Programmed		
Fob Location #7 Successfully Programmed		

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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

ECU Ship Status

Tire Pressure System

Selectable Tire Fill Alert

TPM Auto-Locate Enabled

TPMS Configuration

DTCM CONFIGURATION

NAME	VALUE	UNITS
Full-Time T-Case	—	
Front Locker Present	—	
Rear Locker Present	—	

INFORMATION REDACTED PURSUANT TO THE FREEDOM

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

FAD Present	—
Mode Switch Present	—
Left/Right Hand Drive	—
Axle Ratio	—
T-Case Type	—
SRT Present	—

ORC CONFIGURATION

NAME	VALUE	UNITS
Rollover Sensor	---	
EPPM	---	
Occupant Classification ()	---	
Driver Seatbelt Buckle Switch	---	
Passenger Seatbelt Buckle Switch	---	
1st Row Left seat belt Switch	---	
Center seat belt Switch	---	
Second Row Right seat belt Switch	---	
Driver Seat Track Position Sensor	---	
Passenger Seat Track Position Sensor	---	
Passenger Occupant Detection Sensor	---	
Passenger Airbag Disable Switch	---	
Passenger Airbag Disable Indicator	---	
Driver Frontal Squib 1	---	
Driver Frontal Squib 2	---	
Driver Frontal Squib 3	---	
Passenger Frontal Squib 1	---	
Passenger Frontal Squib 2	---	
Passenger Frontal Squib 3	---	
Driver Knee Bolster Squib	---	
Passenger Knee Bolster Squib	---	
Driver Seatbelt Retractor Pretensioner	---	
Passenger Seatbelt Retractor Pretensioner	---	
Driver Seatbelt Load Limiter	---	
Passenger Seatbelt Load Limiter	---	
Driver Seatbelt Anchor Pretensioner	---	
Passenger Seatbelt Anchor Pretensioner	---	
Driver Seatbelt Buckle Pretensioner	---	
Passenger Seatbelt Buckle Pretensioner	---	
Left Curtain Squib 1	---	
Right Curtain Squib 1	---	
Left Side Seat Squib 1	---	
Right Side Seat Squib 1	---	
Left Seat Side Airbag	---	
Second Row Right Seat Side Airbag	---	

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

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

SCCM CONFIGURATION

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

BCM CONFIGURATION

NAME	VALUE	UNITS
RBSM		
LBSM		
BCM (Interior Bus)		
HSM		
HVAC		
PTCM		
Radio		
ITM		
AMP		
EDM		
HVAC_R		
TBM		
AHLM/AFLS		
ASCM		
BCM (PT)		
DTCM		
PCM		
EPS		
ESM		
ABS		
RFH		
IPC		
ORC		
PTS		
SCCM		

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

ELSD		
TCM		
TPM		
AFLS		
ITBM		
OCM		
RAM		
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		
ECU Configuration 4		
ECU Configuration 5 (Wireless)		
ECU Configuration 5 (Doors)		
ECU Configuration 5 (Memory)		
ECU Configuration 6 (Brake)		
ECU Configuration 6 (Suspension)		
ECU Configuration 6 (Powertrain)		
ECU Configuration 6 (Safety)		
ECU Configuration 7 (CBC Exterior Lighting Calibrations)		
ECU Configuration 8 (LIN and Miscellaneous)		
ECU Configuration 9A		
ECU Configuration 9 (ITM)		
ECU Configuration 10		
ECU Configuration 11		
ECU Configuration 12		
ECU Configuration 13		

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

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ECU Configuration 14	[REDACTED]	[REDACTED]	[REDACTED]
ECU Configuration 15 (CBC Features)	[REDACTED]	[REDACTED]	[REDACTED]
ECU Configuration 15 (Suspension)	[REDACTED]	[REDACTED]	[REDACTED]
Vehicle Configuration 7 - Write Counter	[REDACTED]	[REDACTED]	[REDACTED]
Vehicle Config CSM1	[REDACTED]	[REDACTED]	[REDACTED]
Vehicle Config CSM2	[REDACTED]	[REDACTED]	[REDACTED]
Model Year	[REDACTED]	[REDACTED]	[REDACTED]
Vehicle Line	[REDACTED]	[REDACTED]	[REDACTED]
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 Pages 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]

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ELV Present		
Fuel Capacity		gallons
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 system present		
Premium system present		
Paddle Shift Feature Present		
Sport Mode Present		
Auto Park Present		
Passive Entry Present		
Keyless Go Present		
Transfer Case High Ratio		No Unit
Axle Ratio		
Transfer Case Low Range Reduction Ratio		
Dynamic Tire Circumference (All or Rear)		
Dual Rear Wheel (DRW) Vehicle Present		
Non-Regulated () Present		
Steering Ratio at		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

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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		
Low Beam Output Present - Pin A3, D2		
Rear Wiper Motor Park Present - Pin		
Left Rear Door Ajar Input Present - Pin		
Front Driver Analog Door Ajar Input Present - Pin		
Reserved - Pin		
Horn Switch Input Present - Pin		
Reserved - Pin		
Hood Ajar Switch Input Present - Pin		
Hard Top Sense Present - Pin		
Reserved -		
Reserved - Pin		
Passenger Door Ajar Signal Present - Pin		
Reserved - Pin		
Reserved - Pin		
Starter Relay Lowside Coil Drive - Pin D7		
Diesel Cabin Heater #2 Output Present - Pin D9		
Diesel Cabin Heater #3 Output Present - Pin 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 G24		
Front Fog Lamps Output Present - Pin A1 &		
Inverter Enable Relay Output Present - Pin		
Reserved -		
Gated Park ZFlt Output Present - Pin		
Reserved - Pin		
Rear Fog Lamps Output Present - Pin &		
Rear Park Lamps Output Present - Pin &		
Rear Turn Lamps Output Present - Pin &		
Run-ACC Y Relay #2 Output Present - Pin		
Side Markers Output Present - Pin &		
Trailer Backup Lamps Output Present - Pin		
Reserved - Pin F4		
UGDO Feed Output Present - Pin		
Warning LED Output Present - Pin		
Park Brake Input Present - Pin		
Ambient Temperature Sensor Present - Pin		
Tip Start Enabled		
Dual Start Relay System Present		

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Wiper Service Position Enabled

Trailer Tow Present

Quad Headlamps Enable

Horn Chirp Allowed

Bi Xenon Headlamps Enable

Hazard Lamp Configuration

Park Lamp Loadshed Enable

Front Fog Lamp Dropout Enable

Combined Rear Lighting Enable

Side Repeaters Enable

██████████ Lane 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

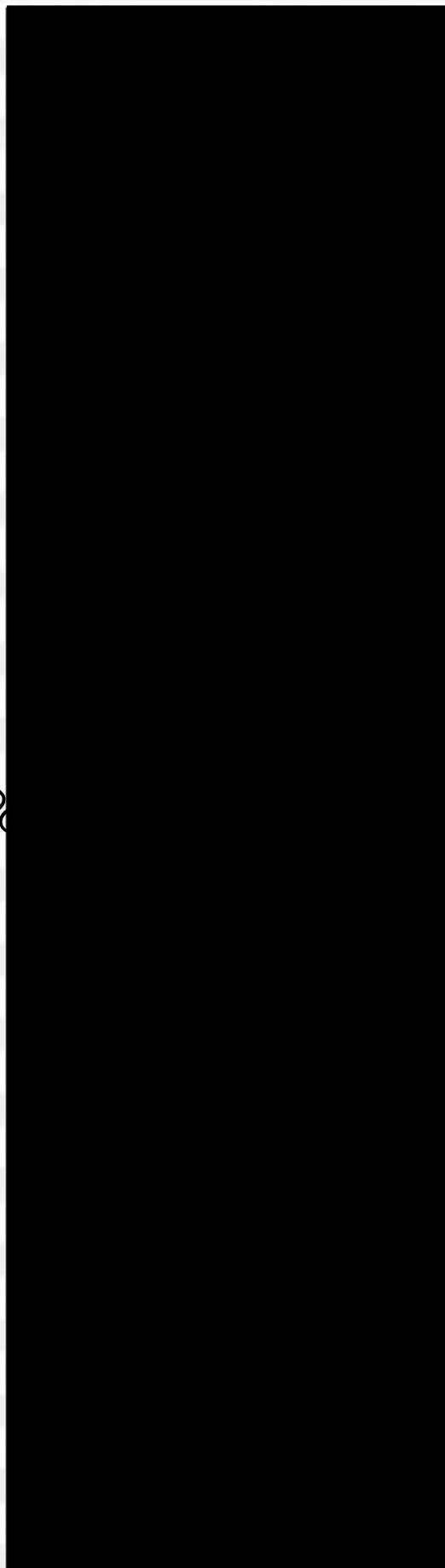
Power Inverter Present

Front Park Assist Present

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Front Heated Seats Present
 Front Ventilated Seats Present
 Destination
 Cabin Equilization Curve Number
 Hill Start Assist Customer Setting Option Present
 Radio Apps Present
 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
 Gear Shift Indicator
 Service Interval



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

Temperature Celsius for UK

Type of Gallons

Tip Start Present

5 Trunk Lock

Airport Scenario Trunk Set

1 Left Front

2 Right Front

Left Rear

Right Rear

Global Up

Global Down

Sun Shade

Puddle Lamp Present

Rear Door Pre Short Drop

Passenger Window Lockout

Auto Power Folding Mirrors Present

Folding mirrors present

Heated Mirrors Present

Mirror turn signals present

Driver Memory Mirrors Present

Passenger Memory Mirror Present

Electro-chromatic driver mirror present

Electro-chromatic passenger mirror present

Tow Mirror Present

Blindspot Mirror Present

Window Motor Type

Window Hall Sensors Present

Frameless Window Present

Memory Adjustable Pedals Present

Tilt/Telescope Steering Present

Memory Seat Present

Rear Heated Seats Present

Front Vented Seats Present

Heated Steering Wheel Present

Heated Seat Material Type

Heated Wheel Material Type

Rear Vented Seats Present

Front Heated Seat Present

Brake System ECU Configuration A

Wheel overall ESC Maserati

Brake System ECU Configuration B

ECO Mode Configuration

Dual Alternator Present

ODS Present

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

Driver Kneebag Present

Passenger Kneebag Present

Curtain Airbags Present

Tow Hooks Present

Passive Ped Present

Airbags Present

Reserved

Reserved

Integrated ESP Present

BUX vehicle

Signature Light Present

Dual Filament Headlamps

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

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

Degree

Backup Reverse Lamp Left Present - Pin

Backup Reverse Lamp Right Present - Pin

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[REDACTED]

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		
Steering Smoothing Threshold		
Brake Smoothing Threshold		
Maximum Longitudinal Change		
Maximum Lateral Change		
Acceleration Threshold		
Acceleration Factor		
Nose Dive Threshold		
Nose Dive Factor		
RKE Auto-Relock Feature Enable		
PE Auto-Relock Feature Enable		
VTA Hood Ajar Monitoring		
Horn Chirp Duration		
Pitch and Roll Present		
Parking Light Enable		
ASBM Minimum Voltage Time		
ASBM Battery Minimum Voltage		

Interior Lighting Night Threshold

Interior Lighting Day Threshold

Axle Locker Configuration

Transmission Equipped

Park Brake Type

TPMS Configuration

Grid Type

Module Present

ADR 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

Tire jack mode customer settings menu

Air suspension warning customer settings menu

Automatic aero mode customer settings menu

Auto high beam customer settings menu

Auto park customer settings menu

Blind spot alert customer settings menu

Clock display customer settings menu

Compass calibration customer settings menu

Compass variance customer settings menu

Consumption unit customer settings menu

Distance unit customer settings menu

Auto door lock customer settings menu

Easy exit seat customer settings menu

Auto entry exit mode customer settings menu

EPB service mode customer settings menu

Headlamp drop customer settings menu

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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
 Forward Collision Warning and Brake Customer Settings Menu
 Doors and Engine Off Power Delay Customer Settings Menu
 Radio Speaker Open Circuit Disable (LF)
 Radio Speaker Open Circuit Disable (RF)
 Radio Speaker Open Circuit Disable (LR)
 Radio Speaker Open Circuit Disable (RR)
 Calibration Parameter Data Set
 Surround View Camera On/Off Softkey Present
 Drive Mode Version
 Rear Defrost and Heated Mirrors Present
 Show Phone Information in Cluster
 Auto Dimming Mirror Hard Button Present
 Clari-Fi Present
 Automatic Crash Notification Feature Present
 Trailer Hitch Camera Present
 Park Assist Tuning Set
 Rear Defrost Presence
 Heated Mirrors Present
 Engine Displacement
 Steering C Factor
 Speedometer Tolerance
 Increasing speed constant
 Tachometer Type

ms

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Present

Tri Comfort Climate Softkey Function Present

RADIO CONFIGURATION

NAME	VALUE	UNITS
Satellite Subscription ID	---	
Satellite Subscription Status	---	
Satellite Subscription Reason Code	---	
Satellite Subscription Suspend Day	---	
Satellite Subscription Suspend Month	---	
Satellite Subscription Suspend Year	---	
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	---	
GPS on the Bus messaging Authorization	---	
USB Hubs Detected	---	No Unit
SD Card Readers Detected	---	No Unit
Enumerated USB Devices	---	No Unit
Aux Jack	---	
Short Term Configuration	---	

ABSO CONFIGURATION

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

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Tire Circumference

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VEHICLE SCAN REPORT

Vehicle [REDACTED] DI TURBO PHEV ENGINE [REDACTED]

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	[REDACTED]	[REDACTED]
TCM	Transmission Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PCM	Powertrain Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ASBS	Automatic Sway Bar System	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ICS	Integrated Center Stack	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RFH	Radio Frequency Hub	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ESM	Electronic Shifter	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DTCM	Drive Train Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ORC	Occupant Restraint	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EPS	Electric Power Steering	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HVAC	Heat, Ventilation and A/C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CSWM	Comfort Seat Wheel Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PTCM	Power Top Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AMP	Amplifier	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IPC	Instrument Panel Cluster	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCCM	Steering Column Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BCM	Body Controller	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RADIO	Radio	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
OCM	Occupant Classification	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BPCM	Battery Pack Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HCP	Hybrid Control Processor	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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██████████

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Charge Module

ECO SUMMARY

[illegible]

STATUS

Stored

Stored

Stored

	U0594-00		Stored
	U0411-00		Stored
PCM	U0594		Stored
PCM	U145D		Stored
PCM	U0402		Stored
D			Stored
	U0594-00		Stored
BCM			Stored
BCM			Stored
HCP			Stored
HCP	P064A-00		Stored
HCP	P0A45-00		Stored
HCP	P0AF3-00		Stored
HCP	P0C04-00		Stored
HCP	P0C1A-00		Stored
HCP	P1B04-00		Stored
ABSO			Stored
ABSO	U0594-00		Stored

ENVIRONMENTAL DATA SUMMARY

| 0 | Stored | Engine Disconnect Clutch Excessive Slippage-

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		
Ignition Cycle Counter	0	

| 0 | Stored | Park-By-Wire - Unintended Out of Park Position-

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
 Ignition Cycle Counter

TCM | [REDACTED] | Stored | Incompatible Limp In Action Requested-

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

TCM | [REDACTED] | Stored | Implausible Data Received From Hybrid [REDACTED]

NAME	VALUE	UNITS
DTC	[REDACTED] 00	
Test Failed	[REDACTED]	
Test Failed This Operation Cycle	[REDACTED]	
Pending DTC	[REDACTED]	
Confirmed DTC	[REDACTED]	
Test Not Completed Since Last Clear	[REDACTED]	
Test Failed Since Last Clear	[REDACTED]	
Test Not Completed This Operation Cycle	[REDACTED]	
Warning Indicator Requested	[REDACTED]	
DTC Extended Data Record Number - All	[REDACTED]	
Occurrence flag	[REDACTED]	

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Original Odometer Value	
Most Recent Odometer Value	
Frequency Counter	
Ignition Cycle Counter	0

TCM | | Stored | Invalid Data Received From Drive Motor

NAME	VALUE	UNITS
Test Failed		
Test Failed This Operation Cycle		
Pending		
Confirmed		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Extended Data Record Number - All		
Occurrence flag		
Original Odometer Value		
Most Recent Odometer Value		
Frequency Counter		
Ignition Cycle Counter		

PCM | 4 | Stored | Implausible Data Received From Hybrid Control Module

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

PCM | D | Stored | Implausible Data Received From TCM On D-PT

NAME	VALUE	UNITS
Number of		
Readiness Flag		
Storage State		

Warning Indicator Request State

Odometer

Accumulation Timer

Ignition Key Cycles

Starts Since Set Counter

Key Cycles Since Last Set Counter

Warm Up Cycles

Good Trip Counter

PCM | Stored | Implausible Data Received From TCM

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

M | Stored | Implausible Data Received From TCM-

NAME	VALUE	UNITS
Test Failed		
Test Failed This Operation Cycle		
Pending		
Confirmed		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Extended Data Record Number - All		
Occurrence flag		
Original Odometer Value		
Most Recent Odometer Value		
Frequency Counter		
Ignition Cycle Counter		
System Battery Voltage		
Module Battery Voltage		
Transferrase motor position sensor supply voltage		

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Transfercase Motor Current		Amps
Transfercase Position Sensor		Volts
Temperature		°F
Transfercase Motor Duty Cycle		%
Transfercase Motor Direction State		
Front Axle Locker Sensor Feedback		
Rear Axle Locker Sensor Feedback		
Front Axle Locker Low side Driver		
Rear Axle Locker Low side Driver		
FAD Supply Power Voltage		Volts
FAD Feedback Status		
FAD Feedback Voltage		Volts
FAD Lock request		
Transfercase Mode Switch		
Time Since Last Ignition On		minutes
Vehicle Speed		MPH
Left Front Wheel Speed		rpm
Right Front Wheel Speed		rpm
Left Rear Wheel Speed		rpm
Right Rear Wheel Speed		rpm
Brake Pedal		
ESP Requested Center (Transfercase) Differential State		
ESP Requested Center Differential Torque		
Steering Wheel Angle		degrees
Delta Steering Wheel Angle		degrees
Ambient Air Temperature		°F
PRNDL Display		
Transmission Current Gear		
Throttle Pedal Position		%
Static Engine/Electric Motor Torque		
Engine RPM		rpm
Actual Mode of Transfercase Clutch		
Actual Transfercase Clutch Lock Torque		
Desired Transfercase Clutch Lock Torque		
T-Case Motor Incremental Position Sensor (IPS)		degrees
T-Case Clutch Wear IPS Position		degrees
Internal DTC Reason		
Transfer Case Shift Inhibited		
Transfercase Status		
Axle Locker Status (Bus)		
Clutch Calibration Not Learned reason		
Electric Motor RPM		rpm
T-Case Clutch Wear Position (Initial)		degrees

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M | D | Stored | Implausible Data Received From Hybrid

NAME	VALUE	UNITS
Test Failed		
Test Failed This Operation Cycle		
Pending		
Confirmed		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Extended Data Record Number - All		
Occurrence flag		
Original Odometer Value		
Most Recent Odometer Value		
Frequency Counter		
Ignition Cycle Counter		
System Battery Voltage		
Module Battery Voltage		
Transercase motor position sensor supply voltage		
Transercase Motor Current		
Transercase Position Sensor		
M Temperature		°F
Transercase Motor Duty Cycle		
Transercase Motor Direction State		
Front Axle Locker Sensor Feedback		
Rear Axle Locker Sensor Feedback		
Front Axle Locker Low side Driver		
Rear Axle Locker Low side Driver		
FAD Supply Power Voltage		
FAD Feedback Status		
FAD Feedback Voltage		
FAD Lock request		
Transercase Mode Switch		
Time Since Last Ignition On		
Vehicle Speed		
Left Front Wheel Speed		
Right Front Wheel Speed		
Left Rear Wheel Speed		
Right Rear Wheel Speed		
Brake Pedal		
ESP Requested Center (Transercase) Differential State		
ESP Requested Center Differential Torque		
Steering Wheel Angle		

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Steering Wheel Angle		degrees
Ambient Air Temperature		°F
PRNDL Display		
Transmission Current Gear		
Throttle Pedal Position		%
Static Engine/Electric Motor Torque		Ft-Lbs
Engine RPM		rpm
Actual Mode of Transference Clutch		
Actual Transference Clutch Lock Torque		Ft-Lbs
Desired Transference Clutch Lock Torque		Ft-Lbs
T-Case Motor Incremental Position Sensor (IPS)		degrees
T-Case Clutch Wear Position		degrees
DTCM Internal DTC Reason		
Transfer Case Shift Inhibited		
Transference Status		
Axle Locker Status (Bus)		
Clutch Calibration Not Learned reason		
Electric Motor RPM		rpm
T-Case Clutch Wear Position (Initial)		degrees

BCM | | Stored | Vehicle Pedestrian Alert Module-System Internal Failures

NAME	VALUE	UNITS
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		
Ignition Cycle Counter		

BCM | | Stored | Pedestrian Alert Control Module received implausible data from the BCM-

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

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Test Failed Since Last Clear
 Test Not Completed This Operation Cycle
 Warning Indicator Requested
 Extended Data Record Number - All
 Occurrence flag
 Original Odometer Value
 Most Recent Odometer Value
 Frequency Counter
 Ignition Cycle Counter

HCP | Stored | Power Inverter Module - Incorrect Control Mode-

NAME	VALUE	UNITS
Test Failed		
Test Failed This Operation Cycle		
Pending		
Confirmed		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Extended Data Record Number		
Occurrence flag		
Original Odometer Value		
Most Recent Odometer Value		
Frequency Counter		
Ignition Cycle Counter		
Microcontroller reset reason -		
Microcontroller reset reason -		
Real time clock		
RAM stamps keyOn		
RAM Stamps		
Accelerator Pedal Position		
Barometric Pressure		
Engine Coolant Temperature	201	°F
Engine Speed		
Vehicle Speed		
HV Battery SOC		%
Brake Switch Status		
Battery Feed Voltage 1		
Battery Feed Voltage 2		
Battery Feed Voltage 3 Sense		
Internal EPS Voltage Sense A		
Internal EPS Voltage Sense B		

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

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		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		
ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
Propulsion System Active		
HV Contactor Status		
HV Battery Voltage from BPCM		Volts
Electric Motor A Speed	0.0	
Electric Motor B Speed	0.0	
PIM DC Link Voltage - A		Volts
PIM DC Link Voltage - B		Volts
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	0	miles
OBCM Operating Mode		

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

Detected State

HV Battery Sleep Time

SW Build Release Version

SW Version

High Voltage bus voltage fault status

Lv1 Engine Speed

Lv1 Vehicle Speed

Lv1 Ignition State

Commanded Ignition State

Ignition Switch

HV Battery Contractor Fault Active

eMotor A Mode Command

HV Battery Contractor State

Lv2 Vehicle Speed

Lv1 In Field Mode

Lv1 Resolver Offset Learn

Lv2 CAN-C BusOff

Lv2 CAN-ePT BusOff

Lv1 Post Code Clear Diag Disabled

CAN Key Status Fault Active

Lv2 Test Device Present

Lv2 Output Torque Max Limit Fail

Lv2 Output Torque Min Limit Fail

Lv1 Diagnostic System Disabled

Lv1 Disabled Diagnostic Fail Safe

CAN Hybrid Feedback ECM

eMotor B Mode Command

Motor A Inverter SW Command

Motor B Inverter SW Command

Lv2 Output Torque Command Fault

Lv1 Retarded Shutdown

Lv1 System Shutdown

Lv2 Motor Mode Failure

Lv2 Key Run Crank Active

Lv2 CAN Key In Run

Lv2 Motor Mode Monitor Not Allowed

Lv2 Motor Mode Falling

Lv2 Motor Mode Monitor Set

Lv2 Prime Running

Lv2 Motor Mode Fault Count

Commanded Reduced Performance Torque

Flag to trigger Reduced Performance Mode

Output Torque Monitor Failing - Max Lim Violated

Output Torque Monitor Failing - Min Lim Violated

Ft-Lbs

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

Output Torque Monitor Failed - Max Violated

Output Torque Monitor Failed - Min Violated

Regen Monitor Fault

Reduced Performance Mode

GPS Date - Year

Year

GPS Date - Month

GPS Date - Day

UTC Time - Hours

UTC Time - Minutes

Time

ECU Time -

0 | Stored Internal Control Module Torque Calculation Performance-

NAME	VALUE	UNITS
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		
Accelerator Pedal Position	0	%
Barometric Pressure		
Engine Coolant Temperature		
Engine Speed		
Vehicle Speed		
Battery SOC		
Brake Switch Status		
Battery Feed Voltage 1 Sense		
Battery Feed Voltage 2 Sense		
Battery Feed Voltage 3 Sense		

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

Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		
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	0.000	
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	programmed	
		°F
Ignition State	ved	
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
Propulsion System Active		
HV Contactor Status		
HV Battery Voltage from BPCM		Volts
Electric Motor A Speed		
Electric Motor B Speed	0.0	
PIM DC Link Voltage - A		Volts
PIM DC Link Voltage - B		Volts
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		

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

Distance Travelled with Light ON

OBCM Operating Mode

[REDACTED] Detected State

HV Battery Sleep Time

SW Build Release Version

[REDACTED] SW Version

High Voltage bus voltage fault status

Lv1 Engine Speed

Lv1 Vehicle Speed

Lv1 Ignition State

Commanded Ignition State

Ignition Switch

HV Battery Contactor Fault Active

eMotor A Mode Command

HV Battery Contractor State

Lv2 Vehicle Speed

Lv1 In Field Mode

Lv1 Resolver Offset Learn

Lv2 CAN-C BusOff

Lv2 CAN-ePT BusOff

Lv1 Post Code Clear Diag Disabled

CAN Key Status Fault Active

Lv2 Test Device Present

Lv2 Output Torque Max Limit Fail

Lv2 Output Torque Min Limit Fail

Lv1 Diagnostic System Disabled

Lv1 Disabled Diagnostic Fail Safe

CAN Hybrid Feedback ECM

eMotor B Mode Command

Motor A Inverter SW Command

Motor B Inverter SW Command

Lv2 Output Torque Command Fault

Lv1 Retarded Shutdown

Lv1 System Shutdown

Lv2 Motor Mode Failure

Lv2 Key Run Crank Active

Lv2 CAN Key In Run

Lv2 Motor Mode Monitor Not Allowed

Lv2 Motor Mode Falling

Lv2 Motor Mode Monitor Set

Lv2 Prime Running

Lv2 Motor Mode Fault Count

0

[REDACTED] P Level 2 Commanded Reduced Performance Torque

0

Ft-Lbs

[REDACTED] Flag to trigger Reduced Performance Mode

[REDACTED]

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

(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] Output Torque Monitor Failing - Max Lim Violated
[REDACTED] Output Torque Monitor Failing - Min Lim Violated
[REDACTED] Output Torque Monitor Failed - Max Lim Violated
[REDACTED] Output Torque Monitor Failed - Min Lim Violated
[REDACTED] Regen Monitor Fault
[REDACTED] Reduced Performance Mode

[REDACTED] Count
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

[REDACTED] 0 | Stored [REDACTED]

NAME	VALUE	UNITS
DTC	[REDACTED]	
Test Failed	[REDACTED]	
Test Failed This Operation Cycle	[REDACTED]	
Pending DTC	[REDACTED]	
Confirmed DTC	[REDACTED]	
Test Not Completed Since Last Clear	[REDACTED]	
Test Failed Since Last Clear	[REDACTED]	
Test Not Completed This Operation Cycle	[REDACTED]	
Warning Indicator Requested	[REDACTED]	
DTC Extended Data Record Number	[REDACTED]	
Occurrence flag	[REDACTED]	
Original Odometer Value	[REDACTED]	[REDACTED]
Most Recent Odometer Value	[REDACTED]	[REDACTED]
Frequency Counter	[REDACTED]	
Ignition Cycle Counter	[REDACTED]	
Microcontroller reset reason - [REDACTED] 0	[REDACTED]	
Microcontroller reset reason - [REDACTED]	[REDACTED]	
Real time clock	[REDACTED]	[REDACTED]
RAM stamps keyOn	[REDACTED]	[REDACTED]
RAM Stamps	[REDACTED]	[REDACTED]
Accelerator Pedal Position	[REDACTED]	[REDACTED]
Engine Coolant Temperature	[REDACTED]	[REDACTED]
Engine Speed	[REDACTED]	[REDACTED]
Vehicle Speed	[REDACTED]	[REDACTED]
HV Battery SOC	[REDACTED]	[REDACTED]
Brake Switch Status	[REDACTED]	[REDACTED]
Battery Feed Voltage 1 Sense	[REDACTED]	[REDACTED]
Battery Feed Voltage 2 Sense	[REDACTED]	[REDACTED]

Battery Feed Voltage 3 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Hybrid System State		
Outside Air Temperature		°F
Ignition State		
Propulsion System Active		
HV Contactor Status		
APM Status		
Impact Event		
PRND Position Display		
Distance Travelled With Light ON		miles
HV Battery Sleep Time		Days
eMotor A Shutdown History [0]		
eMotor A Shutdown History [1]		
eMotor A Shutdown History [2]		
eMotor A Fault History [0]		
eMotor A Fault History [1]		
eMotor A Fault History [2]		
eMotor A Fault History [3]		
eMotor A Fault History [4]		
eMotor A Fault History [5]		
eMotor B Shutdown History [0]		
eMotor B Shutdown History [1]		
eMotor B Shutdown History [2]		
eMotor B Fault History [0]		
eMotor B Fault History [1]		
eMotor B Fault History [2]		
eMotor B Fault History [3]		
eMotor B Fault History [4]		
eMotor B Fault History [5]		
eMotor A FA Speed or Position Fault Active		
eMotor A FA Motor Temperature Fault Active		
eMotor A FA inverter Temperature A Fault Active		
eMotor A FA inverter Temperature B Fault Active		
eMotor A FA inverter Temperature C Fault Active		
eMotor A FA DC Current Fault Active		
eMotor A FA DC Voltage Fault Active		
eMotor A FA Acceleration Fault Active		
eMotor A FA Rotor Temperature Fault Active		
eMotor A FA Capacitor Temperature Fault active		
eMotor A FA Current Sensor A Fault Active		
eMotor A FA Current Sensor B Fault Active		
eMotor A FA Current Sensor C Fault Active		

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

eMotor A FA Postion Sensor Fault Active

eMotor A FA DC Voltage Out of Range Fault Active

eMotor A FA Reserved

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 Rotor Temperature Fault Active

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

eMotor B FA DC Voltage Out of Range Fault Active

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

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

rad/s

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eMotor B Current Iq Min		A
eMotor B current Sum Max		A
eMotor B current sum Min		A
eMotor B HV Input Voltage Max		Volts
eMotor B HV Input Voltage Min		Volts
eMotor B speed Max mrads		rad/s
eMotor B speed Min mrads	-	rad/s
eMotor A Current Ia Offset	-	A
eMotor A Current Ib Offset	-	A
eMotor A Current Ic Offset		A
eMotor B Current Ia Offset	-	A
eMotor B Current Ib Offset	-	A
eMotor B Current Ic Offset		A
eMotor A HV Battery Voltages		Volts
eMotor A HV input Voltages		Volts
eMotor B HV Battery Voltages		Volts
eMotor B HV input Voltages		Volts
eMotor A Motoring Torque Limit		
eMotor A Regenerative Torque Limit	-	
eMotor B Motoring Torque Limit		
eMotor B Regenerative Torque Limit	-	
eMotor A Torque command	0.00	
eMotor A Torque achieved	0.00	
eMotor A speed RPM	0	rpm
eMotor B Torque command	0.00	
eMotor B Torque achieved	0.00	
eMotor B Speed RPM		rpm
eMotor A Temperature Stator		°F
eMotor A Temperature Inverter Model		°F
eMotor A Temperature Inverter 0		°F
eMotor A Temperature Inverter 1		°F
eMotor A Temperature Inverter 2		°F
eMotor A Temperature Coolant Inlet		°F
eMotor A Temperature Coolant Outlet		°F
eMotor A Temperature PCB		°F
eMotor A Temperature Rotor		°F
eMotor A OS Runtime Seconds		sec
eMotor B OS Runtime Seconds		sec
eMotor B Temperature Stator		°F
eMotor B Temperature Inverter Model		°F
eMotor B Temperature Inverter 0		°F
eMotor B Temperature Inverter 1		°F
eMotor B Temperature Inverter 2		°F
eMotor B Temperature coolant Inlet		°F

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

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

HCP |

NAME	VALUE	UNITS
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		

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

Original Odometer Value		
Most Recent Odometer Value		
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		%
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	0	
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]		

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

eMotor B Fault History [2]
 eMotor B Fault History [3]
 eMotor B Fault History [4]
 eMotor B Fault History [5]
 eMotor A FA Speed or Position Fault Active
 eMotor A FA Motor Temperature Fault Active
 eMotor A FA inverter Temperature A Fault Active
 eMotor A FA inverter Temperature B Fault Active
 eMotor A FA inverter Temperature C Fault Active
 eMotor A FA DC Current Fault Active
 eMotor A FA DC Voltage Fault Active
 eMotor A FA Acceleration Fault Active
 eMotor A FA Rotor Temperature Fault Active
 eMotor A FA Capacitor Temperature Fault active
 eMotor A FA Current Sensor A Fault Active
 eMotor A FA Current Sensor B Fault Active
 eMotor A FA Current Sensor C Fault Active
 eMotor A FA Position Sensor Fault Active
 eMotor A FA DC Voltage Out of Range Fault Active
 eMotor A FA Reserved
 eMotor B FA Speed or Position Fault Active
 eMotor B FA Motor Temperature Fault Active
 eMotor B FA Inverter Temperature A Fault Active
 eMotor B FA Inverter Temperature B Fault Active
 eMotor B FA Inverter Temperature C Fault Active
 eMotor B FA HV input Current Fault Active
 eMotor B FA HV Input Voltage Fault Active
 eMotor B FA Acceleration Fault Active
 eMotor B FA Rotor Temperature Fault Active
 eMotor B FA Capacitor Temperature Fault Active
 eMotor B FA Current Sensor A Fault Active
 eMotor B FA Current Sensor B Fault Active
 eMotor B FA Current Sensor C Fault Active
 eMotor B FA Position Sensor Fault Active
 eMotor B FA DC Voltage Out of Range Fault Active
 eMotor B FA Reserved
 eMotor A Current Ia Max
 eMotor A Current Ia Min
 eMotor A Current Ib Max
 eMotor A Current Ib Min
 eMotor A Current Ic Max
 eMotor A Current Ic Min
 eMotor A Current Id Max
 eMotor A Current Id Min



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

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

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

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		
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		Volts
eMotor B HV Input Voltage Min		Volts
eMotor B speed Max mrads		rad/s
eMotor B speed Min mrads		rad/s
eMotor A Current Ia Offset	-	
eMotor A Current Ib Offset		
eMotor A Current Ic Offset		
eMotor B Current Ia Offset	-	
eMotor B Current Ib Offset	-	
eMotor B Current Ic Offset		
eMotor A HV Battery Voltages		Volts
eMotor A HV input Voltages		Volts
eMotor B HV Battery Voltages		Volts
eMotor B HV input Voltages		Volts
eMotor A Motoring Torque Limit		Ft-lb
eMotor A Regenerative Torque Limit		Ft-lb
eMotor B Motoring Torque Limit		Ft-lb
eMotor B Regenerative Torque Limit	0.00	Ft-lb
eMotor A Torque command		
		Ft-lb
eMotor B Torque achieved	8	Ft-lb
eMotor B Speed RPM	0	rpm

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

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

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

UTC Time - [REDACTED]

[REDACTED] Time - [REDACTED]

ECU Time - [REDACTED]

HCP | [REDACTED] | Stored | Drive Motor [REDACTED]

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

NAME	VALUE	UNITS
DTC	[REDACTED]	
Test Failed	[REDACTED]	
Test Failed This Operation Cycle	[REDACTED]	
Pending DTC	[REDACTED]	
Confirmed DTC	[REDACTED]	
Test Not Completed Since Last Clear	[REDACTED]	
Test Failed Since Last Clear	[REDACTED]	
Test Not Completed This Operation Cycle	[REDACTED]	
Warning Indicator Requested	[REDACTED]	
DTC Extended Data Record Number	[REDACTED]	
Occurrence flag	[REDACTED]	
Original Odometer Value	[REDACTED]	
Most Recent Odometer Value	[REDACTED]	
Frequency Counter	[REDACTED]	
Ignition Cycle Counter	[REDACTED]	
Microcontroller reset reason - [REDACTED]	[REDACTED]	
Microcontroller reset reason - Core 1	[REDACTED]	
Real time clock	[REDACTED]	
RAM stamps keyOn	[REDACTED]	
RAM Stamps	[REDACTED]	
Accelerator Pedal Position	[REDACTED]	
Engine Coolant Temperature	[REDACTED]	°F
Engine Speed	[REDACTED]	
Vehicle Speed	[REDACTED]	
HV Battery SOC	[REDACTED]	
Brake Switch Status	[REDACTED]	
Battery Feed Voltage 1	[REDACTED]	
Battery Feed Voltage 2	[REDACTED]	
Battery Feed Voltage 3	[REDACTED]	
Internal EPS Voltage Sense A	[REDACTED]	
Internal EPS Voltage Sense B	[REDACTED]	
Hybrid System State	[REDACTED]	
Outside Air Temperature	[REDACTED]	°F
Ignition State	[REDACTED]	
Propulsion System Active	[REDACTED]	
HV Contactor Status	[REDACTED]	
APM Status	[REDACTED]	
Impact Event	[REDACTED]	