



WI
TECH 2.0

CONFIGURATION REPORT

Vehicle

Odometer

4161.4 miles

Publication Date

ECU SUMMARY INFO

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

BPCM	Battery Pack Control Module	CAN			
	Hybrid Control Processor	CAN			
EAM	Emergency Assistance Module	CAN-I			
DSM	Display Screen Module	CAN-I			
A	Auxiliary Hybrid Control Processor	CAN-C			
ABSO	Anti Lock Brakes OBD	CAN-C			
SGW	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			
	Telematic Box Module 2	CAN-C			

ECU SUMMARY INFO (CONT...)

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

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HCP				
EAM				
DSM	/			T
AHCP				
ERSO				
SGW				
DPDM				
IDCM				
TBM2				

CONFIGURATION

TCM 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

Speed Transmission Equipped

Electronic Transmission () Equipped

Vehicle Speed Sensor #1 Calculated by ECU

V8 Engine

V8 Engine

V8 Engine

Sensorless FFV Enabled

Electronic Throttle Control Equipped

V6 Engine

Engine

Engine

V6 Engine

V6 Engine

V6 Engine

V6 Engine

V6 Engine

MTV Solenoid Equipped

MDS Equipped

Turbocharger Equipped

SRV Equipped

Secondary Air Equipped

Shift Indicator Lamp Equipped

Barometric Sensor Equipped

TIP Equipped

Battery Temp Sensor Equipped

Knock Sensor 1 Equipped

Knock Sensor 2 Equipped

W14 Variable Valve Timing Equipped

Clutch Interlock Switch Equipped

ESIM Equipped

Linear Purge Equipped

Linear EGR Equipped

Continuous Variable Transmission Equipped

Direct Injection Equipped

Secondary Fuel Pump Equipped

Electronic Coolant Pump Equipped

O2 Sensor Bank 1 Sensor 1 Equipped

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■ Sensor Bank 1 Sensor 2 Equipped

02 Sensor Bank 1 Sensor 3 Equipped

■ 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

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

Electric Thermostat Heater Equipped

Exhaust Cam 1 Equipped

Intake Cam 1 Equipped

■ W14 engine

■ W14 engine

■ W14 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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Is Learnable Indicator

Equipped Indicator

VIA 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_LEARNEDCOMP

TOOLCONFIG Oil Pressure ABS Equipped

Equipped

Equipped

Equipped

Cummins Equipped

Equipped

VMM Equipped

Powernet Equipped

CUSW () 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

H-Bridge Equipped

Active Exhaust Valve Equipped

Active Exhaust Pressure Sensor Equipped

Engine Idle Shutoff Equipped

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

ZF 9 Transmission Equipped

6 Transmission Equipped

Variable Fuel Pump Equipped

Operator Idle Request Equipped

PTO System Equipped

Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped

Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped

Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped

Dual Stage Oil Pump Equipped

Auxiliary Coolant Pump Equipped

Trans Skip Shift Equipped

Trans Reverse Lockout Equipped

Port Flap Valve Equipped

Brushless PWM Fan Equipped

V8 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

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

Auxiliary Coolant Pump Equipped

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

Trans Equipped	
HPT 6- Trans Equipped	
CUSW Cruise Equipped	
Power Steering Angle Sensor Mandatory	
Throttle Inlet Temp Sensor Equipped	
IN 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	
5 Button Cruise (LIN) Equipped	
Operator Idle Request Equipped	
INTAKE EQUIPPED	
Cylinder Pressure Sensor Equipped	
Make Up Air Sensor Equipped	
Active Exhaust Pressure Sensor Equipped	
Secondary Mass Airflow Sensor Equipped	
Engine	
Engine	
Variable Valve Lift Equipped	
Coolant On-Off Pump Equipped	
Primary Lin Alternator Equipped	
Electronic Parking Brake Equipped	
Active Exhaust Valve(s) Equipped	
Mechanical Coolant Pump Equipped	
Aux Coolant Pump Heater Equipped	
Heater Temp Control Valve Equipped	
High Side Port Tumble Valve Equipped	
Wastegate HBridge Equipped	
Remote Start Present	
Engine Oil Pressure Sensor	None

ICS CONFIGURATION

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

RFH CONFIGURATION

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

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

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Back Up ECU Configuration 8	[REDACTED]	
Back Up ECU Configuration 9	[REDACTED]	
Back Up ECU Configuration 10	[REDACTED]	
Back Up ECU Configuration 11	[REDACTED]	
Back Up ECU Configuration 12	[REDACTED]	
Back Up ECU Configuration 13	[REDACTED]	
Back Up ECU Configuration 14	[REDACTED]	
Back Up ECU Configuration 15	[REDACTED]	
Back Up ECU Configuration 16	[REDACTED]	
Back Up ECU Configuration 17	[REDACTED]	
Back Up Customer Settings Menu 1 ([REDACTED])	[REDACTED]	
Back Up Customer Settings Menu 2 ([REDACTED])	[REDACTED]	
Back Up Programmed ECUs: Cabin Network	[REDACTED]	
Back Up Programmed ECUs: P/T Chassis Network	[REDACTED]	
Secret Key Sent to Body Controller - Most recent attempt	[REDACTED]	
Secret Key Sent to Body Controller - Original attempt	[REDACTED]	
Base TPM Present	[REDACTED]	
Full Size Matching Spare Tire Present	[REDACTED]	
ECU Ship Status	[REDACTED]	
Tire Pressure System	[REDACTED]	
Selectable Tire Fill Alert	[REDACTED]	
TPM Auto-Locate Enabled	[REDACTED]	
TPMS Configuration	[REDACTED]	[REDACTED]

DTCM CONFIGURATION

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

ORC CONFIGURATION

NAME	VALUE	UNITS
Rollover Sensing	[REDACTED]	
EPPM	[REDACTED]	
[REDACTED] ([REDACTED])	[REDACTED]	
[REDACTED] Row Driver Seatbelt Buckle Switch	[REDACTED]	

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

Second Row Right Seat Side Airbag

Driver Frontal Squib 4

Passenger Frontal Squib 4

Left Up-Front Acceleration Sensor

Right Up-Front Acceleration Sensor

Right B-Pillar Impact Acceleration Sensor

Left B-Pillar Impact Acceleration Sensor

Left C-Pillar Impact Acceleration Sensor

Right C-Pillar Impact Acceleration Sensor

Right D-Pillar Impact Acceleration Sensor

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) (BB)		
ATC Control (BB)		
MTC Control (BB)		
Single Zone MTC Control (BB)		
MTC With EBL		
MTC Without EBL		
MTC heater only		

IPC CONFIGURATION

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

SessionID

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[REDACTED] M (Interior Bus)

HSM

HVAC

PTCM

Radio

OTM

AMP

EDM

HVAC_R

TBM

AHLM/AFLS

ASCM

[REDACTED] (PT)

DTCM

PCM

EPS

ESM

ABS

RFH

IPC

ORC

PTS

SCCM

ELSD

TCM

TPM

AFLS

ITBM

OCM

DPDM

SGW

ASBS

ANC

Number of Reprogramming Attempts - Counter #0

1

Vehicle Configuration Programmed Status

Last Programmed Status

Last Configuration Odometer

miles

Vehicle Configuration Auto Write Counter

1

Vehicle Configuration 1 - Write Counter

Vehicle Configuration 2 - Write Counter

Vehicle Configuration 3 - Write Counter

Vehicle Configuration 4 - Write Counter

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Vehicle Configuration 5 - Write Counter

Vehicle Configuration 6 - Write Counter

Programmed ECUs: Cabin Network

Programmed ECUs: P/T Chassis Network

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]

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Performance Pages Present

Special Packages

PTS Configuration

Hill Descent Feature Present

Select Speed Control Feature Present

Power Inverter Type

Tracham Present

Rain Sensor Present

System Present

Air Conditioning Present

Cruise Feature is Present

Flipper Glass Present

Full Size Spare

Off Road Capable

Special Packages

Max Load Inflation Pressure Rear Tire

Max Load Inflation Pressure Front Tire

Light Load Inflation Pressure Rear Tire

Police Lighting Feature

Power Lift Gate Present

Power Right Sliding Door Present

Power Left Sliding Door Present

System Present

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

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

ESCL system present		
High Intensity Discharge Head Lamps		
Secondary Lock Present		
Liftgate/Trunk Type		
Collision 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	0.0	No Unit
Steering Ratio at Positive Angle 1	0.0	No Unit
Steering Ratio at Positive Angle 2	0.0	No Unit
Steering Ratio at Positive Angle 3	0.0	No Unit
Steering Ratio at Positive Angle 4	0.0	No Unit
Steering Ratio at Positive Angle 5	0.0	No Unit
Analog Door Sensor Configuration		
Air Quality System Present		
Steering Ratio at Negative Angle 1	0.0	No Unit
Steering Ratio at Negative Angle 2	0.0	No Unit
Steering Ratio at Negative Angle 3	0.0	No Unit
Steering Ratio at Negative Angle 4	0.0	No Unit
Steering Ratio at Negative Angle 5	0.0	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 - Pin		
Hard Top Sense Present - Pin		

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

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

Present

B Present

Vehicle Theft Alarm Present

Heated Steering Wheel Present

VIN Check Digit Diabie

Surround Sound Feature Present

Power Door Locks Present

Antenna Type

CTP Max Am 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 Present

Split Shaft Present

Manual Headlamp Leveling

Gear Shift Indicator

Service Interval

Temperature Celsius for UK

Type of Gallons

Tip Start Present

5 Trunk Lock

Airport Scenario Trunk Set

1 Left Front

AP2 Right Front

Left Rear		
Right Rear		
Global Up		
Global Down		
Sun Shade		
Buddle Lamp Present		
Red Door Pre Short Drop		
Passenger Window Lockout		
Auto Power Folding Mirrors Present		
Folding mirrors present		
Heated Mirrors Present		
Mirror turn signals present		
Driver Memory Mirrors Present		
Passenger Memory Mirror Present		
Electro-chromatic driver mirror present		
Electro-chromatic passenger mirror present		
Tow Mirror Present		
Blindspot Mirror Present		
Window Motor Type		
Window Hall Sensors Present		
Frameless Window Present		
Memory Adjustable Pedals Present		
Tilt/Telescope Steering Present		
Memory Seat Present		
Rear Heated Seats Present		
Front Vented Seats Present		
Heated Steering Wheel Present		
Heated Seat Material Type		
Heated Wheel Material Type		
Rear Vented Seats Present		
Front Heated Seat Present		
Brake System ECU Configuration A		
Wheel overall ESC Maserati		
Brake System ECU Configuration B		
ECO Mode Configuration		
Dual Alternator Present		
ODS Present		
Driver Kneebag Present		
Passenger Kneebag Present		
Curtain Airbags Present		
Tow Hooks Present		
Passive Ped Pro Present		

2nd Row Seat Airbags Present		
Reserved		
Reserved		
Integrated EPP Present		
BUX vehicle		
Signature Light Present		
Dual Filament Headlamp		
Front Lamp 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 F41		
Backup Reverse Lamp Right Present - Pin E1		
Stop/Turn Lamp or Stop Lamp Present Pin &		
Left High Beam Present - Pin D1		
Right High Beam Present - Pin A2		

Left Front Lamp Diagnostics Present - Pin [REDACTED]

Right Front Lamp Diagnostics Present - Pin [REDACTED]

Left Rear Turn Lamp Diagnostics Present - Pin [REDACTED]

Right Rear Turn Lamp Diagnostics Present - Pin [REDACTED]

Brake Fluid Level Switch Signal Present - Pin [REDACTED]

Siren

Ultrasonics

Tilt

Swing Gate Lock Present - Pin [REDACTED]

Swing Gate Unlock Present - Pin [REDACTED]

Front Fog Voltage

Rear Fog Voltage

CHMSL Lamp Output Disable

Secondary Door Ajar Present - Pin [REDACTED]

Manual Door Locks Present

Rain Sensor Module #2 Present

Auto High Beam Module Location

Average Last Longitudinal Acceleration Values

Average Last Lateral Acceleration Values

Excess Longitudinal Acceleration Factor

Excess Lateral Acceleration Factor

Brake Smoothing Duration

Brake Smoothing Factor

Steering Smoothing Duration

Steering Smoothing Factor

Steering Smoothing Threshold

Brake Smoothing Threshold

Maximum Longitudinal Change

Maximum Lateral Change

Acceleration Threshold

Acceleration Factor

Nose Dive Threshold

Nose Dive Factor

RKE Auto-Relock Feature Enable

PE Auto-Relock Feature Enable

VTA Hood Ajar Monitoring

Horn Chirp Duration

Pitch and Roll Present

Parking Light Enable

[REDACTED] Minimum Voltage Time

[REDACTED] 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	
IR 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	

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Headlamp drop customer settings menu
 Headlamp off delay customer settings menu
 Headlamps on with wiper customer settings menu
 Passive entry customer settings menu
 Illuminated approach customer settings menu
 Lane departure torque customer settings menu
 Lane departure warning customer settings menu
 Rear camera customer settings menu
 Rain sensitive wipers customer settings menu
 Power take off customer settings menu
 Pressure unit customer settings menu
 Power unit customer settings menu
 Power liftgate chime customer settings menu
 Performance shift enable customer settings menu
 Rear view camera delay customer settings menu
 RKE unlock customer settings menu
 Speed unit customer settings menu
 Tilt mirror in reverse customer settings menu
 Torque unit customer settings menu
 Teen Key Fuel Pop-up Customer Settings Menu
 Teen Key Automatic High Beam Customer Settings Menu
 Passenger Airbag On/Off Customer Settings Menu
 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

ms

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Speedometer Tolerance	Tolerance
Increasing speed constant	
Tachometer Type	
Present	
Tri-State Comfort Climate Softkey Function Present	

RADIO CONFIGURATION

NAME	VALUE	UNITS
Satellite Subscription Status	Not Subscribed	
Reason Code	00	
Suspend Day	00	
Suspend Month	00	
Suspend Year	00	
Distortion Limiting	On	
Clock Defeat	On	
Stereo Blend	Off	
High Cut	Off	
Automated Loudness	On	
Anti-Theft Enable Status	On	
Time Selection	Time	
Front Seat Video Playback		
Cabin EQ Curve Number Currently Used by Radio		
Splash Screen		
USB Hubs Detected		
SD Card Readers Detected		
Enumerated USB Devices		
Aux Jack		
CAN Architecture		

LBSS CONFIGURATION

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

RBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)		
Teen Key		

ABS0 CONFIGURATION

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

Vehicle Line Identification	JL	
Displacement	[REDACTED]	No Unit
Hybrid Type	[REDACTED]	
Trans	[REDACTED]	
Drive Configuration	[REDACTED]	
Chassis	[REDACTED]	
[REDACTED] Ratio	[REDACTED]	No Unit
Tire Circumference	[REDACTED]	

DASM CONFIGURATION

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

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



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ECU DETAILS REPORT

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

Odometer 4161.4 miles

Publication Date **[REDACTED]**

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	#
TCM	Transmission Control Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PCM	Powertrain Control Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ASBS	Automatic Sway Bar System	CAN-C	[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]
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]

SessionID # **[REDACTED]**

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

BPCM	Battery Pack Control Module	CAN			
HCP	Hybrid Control Processor	CAN			
EAM	Emergency Assistance Module	CAN-I			
DSM	Display Screen Module	CAN-I			
AHCP	Auxiliary Hybrid Control Processor	CAN-C			
ABSO	Anti Lock Brakes OBD	CAN			
SGW	Security Gateway Module	CAN			
DPDM	Driver Presence Detection Module	CAN-C			
DASM	Driver Assistance System Module	CAN			
IDCM	Integrated Dual Charge Module	CAN-C			
	Telematic Box Module 2	CAN-C			

ECU SUMMARY INFO (CONT...)

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

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

HCP								
EAM								
DSM								
AHCP								
ORSO	US							
SGW								
DPDM								
DASM								
IDCM								
TBM2								

ECU DETAILS

TCM DETAILS

NAME	
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Part Number	
HW - Year	
HW - Week	
HW - Patch Level	
VIN Original	
VIN Current	
Hardware Part Number	

PCM DETAILS

NAME	
Model Year	
ECU Part Number	
Body Style	
Vehicle Line	
VIN - Original	
VIN Current	

ASBS DETAILS

NAME	VALUE
ECU Software Mode	
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Part Number	
Hardware Part Number	
Hardware - Year	
Hardware - Week	
Hardware - Patch Level	
Hardware Supplier Identification	
Software Part Number	
Software - Year	
Software - Week	
Software - Patch Level	
Software Logical Block Supplier Identification	
Model Year	
Vehicle Line	
Body Style	
Country Code	

ICS DETAILS

NAME	VALUE
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Part Number	
Model Year	
Vehicle Line	
Body Style	
Country Code	
ECU Serial Number	
VIN Original	
VIN Current	
HW - Year	
HW - Week	
HW - Patch Level	
SW - year	
SW - week	
SW - Patch Level	
Hardware Supplier Identification	
Software Supplier Identification	

RFH DETAILS

NAME	VALUE
VIN Original	
Model Year	
Vehicle Line	
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Software Mode	
ECU Part Number	
Hardware Part Number	
Body Style	
Country Code	
Data	
ECU Serial Number	
Hardware Supplier	
Software Supplier	
Hardware Version - Year	
Hardware Version - Week	
Hardware Version - Patch Level	
Software Version - Year	
Software Version - Week	
Software Version - Patch Level	
Active Diagnostic Session	
Software Logical Block #0 Part Number	

ESM DETAILS

NAME	VALUE
Active Diagnostic Variant	
Active Diagnostic Version	

DTCM DETAILS

NAME	VALUE
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Part Number	
ECU Serial Number	
ECU Software Mode	
Hardware Part Number	
HW - Year	
HW - Week	
HW - Patch Level	
Hardware Supplier Identification	

Hardware Variant
 Software Part Number
 SW - year
 SW - week
 SW - Patch Level
 Software Supplier Identification
 Model Year
 Vehicle Line
 Body Style
 Country Code
 VIN Current

ORC DETAILS

NAME
 Model Year
 Vehicle Line
 Body Style
 Country Code
 ECU Serial Number
 Active Diagnostic Variant
 Active Diagnostic Version

EPS DETAILS

NAME
 Active Diagnostic Variant
 Active Diagnostic Version
 ECU Part Number
 HW - Year
 HW - Week
 HW - Patch Level
 SW - year
 SW - week
 SW - Patch Level
 Hardware Supplier Identification
 ECU Serial Number
 VIN Current
 Model Year
 Vehicle Line
 Body Style
 Country Code
 Boot SW - Year
 Boot SW - Week

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Boot SW - Patch Level

Software Logical Supplier Identification

HVAC DETAILS

NAME	VALUE
VIN Original	
VIN Current	
Model Year	
Body Style	
Country Code	
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Part Number	

CSWM DETAILS

NAME	VALUE
ECU Software Mode	
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Part Number	
VIN Original	
VIN Current	

IPC DETAILS

NAME	VALUE
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Part Number	
ECU Serial Number	
Hardware Part Number	
HW - Year	
HW - Week	
HW - Patch Level	
Hardware Supplier Identification	
Software Logical #1 Part Number	
SW - year - 1	
SW - week - 1	
SW - patch level - 1	1
Software Supplier Identification	
Model Year	
Body Style	
Vehicle Line	

Country Code

VIN Original

VIN Current

PTS DETAILS

NAME	VALUE
ECU Software Mode	
Active Diagnostic Variant	
Active Diagnostic Version	
Active Diagnostic Session	
VIN Original	
VIN Current	

SCCM DETAILS

NAME	VALUE
ECU Software Mode	
Active Diagnostic Variant	
Active Diagnostic Version	1
ECU Part Number	
ECU Serial Number	
Hardware Supplier Identification	
Hardware Part Number	
HW - Year	
HW -	
HW - Patch Level	
Software Logical Block Supplier Identification	
Software Logical Block #0 Part Number	
SW - year	
SW -	
SW - Patch Level	
Model Year	
Vehicle Line	
Body Style	
Country Code	
VIN Original	
VIN Current	

BCM DETAILS

NAME	VALUE
Hardware Part Number	
Software Logical Block #0 Part Number	
ECU Part Number	

Active Diagnostic Variant
 Active Diagnostic Version
 Hardware Supplier Identification
 Software Logical Block Supplier Identification
 Model Year
 Vehicle Line
 Body Style
 Country Code
 ECU Serial Number
 VIN Current
 VIN Original

RADIO DETAILS

NAME
 VIN Original
 Sales Code
 Diagnostic Variant
 Diagnostic Version
 Flash Definition Number (FDN)
 Supplier ID
 SW- Year
 SW - week
 SW - Patch Level
 SW - Identification
 Supplier Manufacturer ECU Software Part Number

OCM DETAILS

NAME
 Active Diagnostic Variant
 Active Diagnostic Version
 Hardware Part Number
 Software Logical Block #0 Part Number
 ECU Part Number
 Model Year
 Vehicle Line
 Body Style
 Country Code
 ECU Serial Number
 VIN Original
 VIN Current

LBSS DETAILS

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

NAME	VALUE
ECU Software Mode	
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Part Number	
Serial Number	
Hardware Supplier Identification	
Hardware Part Number	
HW - Year	
HW - Week	
HW - Patch Level	
Software Logical Block Supplier Identification	
Software Logical Block #1 Part Number	
Software Logical Block # Number	
Software Logical Block # Number	
SW - year - Logical Block #1	
SW - week - Logical Block #1	
SW - patch level - Logical Block #1	
Model Year	
Vehicle Line	
Body Style	
Country Code	
VIN Original	
VIN Current	

RBSS DETAILS

NAME	VALUE
ECU Software Mode	
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Part Number	
Serial Number	
Hardware Part Number	
Hardware Supplier Identification	
HW - Year	
HW - Week	
HW - Patch Level	
Software Logical Block Supplier Identification	
Software Logical Block #1 Part Number	
Software Logical Block # Number	
Software Logical Block # Number	
SW - year - Logical Block #1	

SW - Logical Block
 SW - patch level - Logical Block
 Model Year
 Vehicle Line
 Body Style
 Country Code
 VIN Original
 VIN Current

BPCM DETAIL

NAME	VALUE
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Part Number	
VIN Original	
VIN Current	
SW - year	
SW -	
SW - Patch Level	
ECU Serial Number	
Boot SW - Year	
Boot SW -	
Boot SW - Patch Level	

HCP DETAILS

NAME	VALUE
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Part Number	
Model Year	
Vehicle Line	
Body Style	
VIN Original	
VIN Current	

DSM DETAILS

NAME	VALUE
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Part Number	
Hardware Supplier Identification	
Hardware - Year	

Hardware - Week	
Hardware - Patch Level	
Software Supplier Identification	
Software - Year	
Software - Week	
Software - Patch Level	
Model Year	
Vehicle Line	
Body Style	
Country Code	/
VIN Current	

AHCP DETAILS

NAME	VALUE
AHCP SW Version	
MCPA SW Version	
Active Diagnostic Variant	
Active Diagnostic Version	00
Hardware Part Number	
ECU Part Number	
Model Year	
Vehicle Line	
Body Style	
VIN Original	
VIN Current	

ABS0 DETAILS

NAME	VALUE
Active Diagnostic Variant	
Active Diagnostic Version	00
Hardware Part Number	
Software Part Number	
ECU Part Number	
VIN Original	
VIN Current	

SGW DETAILS

NAME	VALUE
VIN Original	
Diagnostic Variant ID	
Diagnostic Version	
Supplier ID	

ECU Part Number
 System Supplier ECU Hardware Number
 System Supplier ECU Hardware Version Number
 System Supplier ECU Software Number
 System Supplier ECU Software Version Number
 ECU Serial Number
 Active Diagnostic Session Data Identifier

DPDM DETAILS

NAME	VALUE
Active Diagnostic Variant	
Active Diagnostic Version	
Hardware Part Number	
Software Logical Block #0 Part Number	
ECU Part Number	
Model Year	
Vehicle Line	
Body Style	
Country Code	
ECU Serial Number	
VIN Original	
VIN Current	

DASM DETAILS

NAME	VALUE
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Part Number	
Model Year	
Vehicle Line	
Body Style	
Country Code	
VIN Original	
VIN Current	

IDCM DETAILS

NAME	VALUE
Model Year	
Vehicle Line	
Body Style	
VIN Original	
Data Identifier	

Supplier Option	[REDACTED]
Component Code	[REDACTED]
Day of Year	[REDACTED]
Calendar Year	[REDACTED]
Sequence number	[REDACTED]
Diagnostic Variant	[REDACTED]
Diagnostic Version	[REDACTED]
Supplier ID	[REDACTED]
Supplier Manufacturer ECU Hardware Version Number	[REDACTED]
Supplier Manufacturer ECU Software Version Number	[REDACTED]
EBOM ECU Part Number	[REDACTED]
[REDACTED] ECU Software Number	[REDACTED]
([REDACTED]) Codep ECU Part Number	
([REDACTED]) EBOM ECU Part Number	[REDACTED]
([REDACTED]) [REDACTED] ECU Hardware Number	[REDACTED]
([REDACTED]) [REDACTED] ECU Software Number	[REDACTED]
([REDACTED]) [REDACTED] ECU Software Application Number	
([REDACTED]) [REDACTED] ECU Software Calibration Number	

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

INFORMATION



FREEZE FRAME REPORT

Vehicle	[REDACTED]	DI TURBO PHEV ENGINE	Odometer	[REDACTED]
VIN	[REDACTED]		Publication Date	[REDACTED]

FREEZE FRAME DATA

- No Carb data available
- No Freeze Frame #1 data available
- No Freeze Frame #2 data available
- No Freeze Frame #3 data available
- No MisFire data available
- No Most Recent DTC data available

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VEHICLE HEALTH REPORT

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

Odometer 4161.4 **[REDACTED]**

Publication Date **[REDACTED]**

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	#
TCM	Transmission Control Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PCM	Powertrain Control Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ASBS	Automatic Sway Bar System	CAN-C	[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]
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]

SessionID # **[REDACTED]**

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

BPCM	Battery Pack Control Module	CAN			
	Hybrid Control Processor	CAN			
EAM	Emergency Assistance Module	CAN-I			
DSM	Display Screen Module	CAN-I			
A	Auxiliary Hybrid Control Processor	CAN-C			
ABSO	Anti Lock Brakes OBD	CAN-C			
SGW	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			
	Telematic Box Module 2	CAN-C			

ECU SUMMARY INFO (CONT...)

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

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

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EAM

DSM US

T

A

RSO

SGM

DPDM U

DASM

IDCM

TBM2

FLASHES

BPCM JL PHEV

Applicable Bulletins

NUMBER	TYPE	RSU #	DESCRIPTION

RSUS

RSU #	DESCRIPTION	STATUS
		Incomplete

RECALLS

RECALL #	DESCRIPTION	STATUS
----------	-------------	--------

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
RADIO			Stored
RADIO			Stored
			Stored
			Stored
			Stored

ENVIRONMENTAL DATA SUMMARY

RADIO | Stored | Rear Right Audio Speaker Output-Circuit Resistance Below Threshold

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

SessionID

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Confirmed [REDACTED]

True

RADIO | [REDACTED] | Stored | Rear Right Audio Speaker Output-Circuit Open

NAME	VALUE	UNITS
[REDACTED]	[REDACTED]	
Test Failed	[REDACTED]	
Test Failed This Operation Cycle	[REDACTED]	
Pending [REDACTED]	[REDACTED]	
Confirmed [REDACTED]	[REDACTED]	

HCP | [REDACTED] | Stored | Power Inverter Module - Incorrect Control Mode-

NAME	VALUE	UNITS
[REDACTED]	[REDACTED]	
Test Failed	[REDACTED]	
Test Failed This Operation Cycle	[REDACTED]	
Pending [REDACTED]	[REDACTED]	
Confirmed [REDACTED]	[REDACTED]	
Test Not Completed Since Last Clear	[REDACTED]	
Test Failed Since Last Clear	[REDACTED]	
Test Not Completed This Operation Cycle	[REDACTED]	
Warning Indicator Requested	[REDACTED]	
[REDACTED] Extended Data Record Number	[REDACTED]	
Occurrence flag	[REDACTED]	
Original Odometer Value	[REDACTED]	
Most Recent Odometer Value	[REDACTED]	
Frequency Counter	[REDACTED]	
Ignition Cycle Counter	1	
Microcontroller reset reason - [REDACTED]	[REDACTED]	
Microcontroller reset reason - [REDACTED]	[REDACTED]	
Real time clock	[REDACTED]	
RAM stamps keyOn	[REDACTED]	
RAM Stamps	[REDACTED]	
Accelerator Pedal Position	[REDACTED]	
Barometric Pressure	[REDACTED]	
Engine Coolant Temperature	[REDACTED]	
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		
Internal EPS Voltage Sense B		
Hybrid System State		
Actual Torque - Motor A	0.000	
Actual Torque - Motor B	0.000	
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		
Motor B Resolver Angle		
Motor A Temp Sensor		
Motor B Temp Sensor		
Outside Air Temperature		
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		

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)

System Shutdown Command

PHEV Charging Status

Distance Travelled with Light ON

OBCM Operating Mode

Detected State

HV Battery Sleep Time

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 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

Running	Not Detected
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	
Output Torque Monitor Failed - Max Lim Violated	
Output Torque Monitor Failed - Min Lim Violated	
Regen Monitor Fault	
Reduced Performance Mode	
GPS Date -	
GPS Date - Month	
GPS Date - Day	
UTC Time - Hours	
UTC Time - Minutes	
Time -	
ECU Time -	

P | 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		
Microcontroller reset reason -		
Microcontroller reset reason - Core 1		
Real time clock		
RAM stamps keyOn		
RAM Stamps		Min
Accelerator Pedal Position		
Barometric Pressure		

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

Inverter A IGBT Temperature for phase B	[REDACTED]	°F
Inverter A IGBT Temperature for phase C	[REDACTED]	°F
Inverter B IGBT Temperature for phase A	[REDACTED]	°F
Inverter B IGBT Temperature for phase B	[REDACTED]	°F
Inverter B IGBT Temperature for phase C	[REDACTED]	°F
APM Status	[REDACTED]	
Impact Event	[REDACTED]	
PRM Position Display	[REDACTED]	
HCP System Shutdown Command	[REDACTED]	
PHEV Charging Status	[REDACTED]	
Distance Travelled with Light ON	[REDACTED]	miles
OBCM Operating Mode	[REDACTED]	
[REDACTED] Prox Detected State	[REDACTED]	
HV Battery Sleep Time	[REDACTED]	Days
SW Build Release Version	[REDACTED]	
HCP SW Version	[REDACTED]	
High Voltage bus voltage fault status	[REDACTED]	
Lv1 Engine Speed	[REDACTED]	rpm
Lv1 Vehicle Speed	[REDACTED]	[REDACTED]
Lv1 Ignition State	[REDACTED]	
Commanded Ignition State	[REDACTED]	
Ignition Switch	[REDACTED]	
HV Battery Contactor Fault Active	[REDACTED]	
eMotor A Mode Command	[REDACTED]	
HV Battery Contractor State	[REDACTED]	
Lv2 Vehicle Speed	[REDACTED]	[REDACTED]
Lv1 In Field Mode	[REDACTED]	
Lv1 Resolver Offset Learn	[REDACTED]	
Lv2 CAN-C BusOff	[REDACTED]	
Lv2 CAN-ePT BusOff	[REDACTED]	
Lv1 Post Code Clear Diag Disabled	[REDACTED]	
CAN Key Status Fault Active	[REDACTED]	
Lv2 Test Device Present	[REDACTED]	
Lv2 Output Torque Max Limit Fail	[REDACTED]	
Lv2 Output Torque Min Limit Fail	[REDACTED]	
Lv1 Diagnostic System Disabled	[REDACTED]	
Lv1 Disabled Diagnostic Fail Safe	[REDACTED]	
CAN Hybrid Feedback ECM	[REDACTED]	
eMotor B Mode Command	[REDACTED]	
Motor A Inverter SW Command	[REDACTED]	
Motor B Inverter SW Command	[REDACTED]	
Lv2 Output Torque Command Fault	[REDACTED]	

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

Retarded Shutdown	
System Shutdown	
Motor Mode Failure	
Key Run Crank Active	
CAN Key In Run	
Motor Mode Monitor Not Allowed	
Motor Mode Failing	
Motor Mode Monitor Set	
Prime Running	
Motor Mode Fault	0
Commanded Reduced Performance Torque	
Flag to trigger Reduced Performance Mode	
Output Torque Monitor Failing - Max Lim Violated	
Output Torque Monitor Failing - Min Lim Violated	
Output Torque Monitor Failed - Max Lim Violated	
Output Torque Monitor Failed - Min Lim 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 - Milliseconds	

0 | Stored | Charge Status Indicator Module Internal-

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		er

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		AMP
Motor A - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase C		AMP
Motor A Resolver Angle		Degree
Motor B Resolver Angle		Degree
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Outside Air Temperature		°F
Ignition State		
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		

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

Propulsion System Active		
HV Contactor Status		
HV Battery Voltage from BPCM		Volts
Electric Motor A Speed		
Electric Motor B Speed		
PIM DC Link Voltage - A	1	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		
Distance Travelled with Light ON		miles
OBCM Operating Mode		
Detected State		
HV Battery Sleep Time		Days
SW Build Release Version		
HCP SW Version		
High Voltage bus voltage fault status		
HV Battery Voltage		Volts
HV Battery Voltage fault status		
APM HV Voltage		Volts
APM HV Voltage fault status		
ECH HV Voltage		Volts
ECH HV Voltage fault status		
EAC HV Voltage		Volts
EAC HV Voltage fault status		
HV Battery Contactor Status FA		
DAP Contactor Open		
Air PTC Heater HV Voltage		Volts
Air PTC Heater HV Voltage Fault Status		
DBK Heater HV Voltage	1	Volts
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 - Year

ms

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VEHICLE SCAN REPORT

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

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]
ASBS	Automatic Sway Bar System	CAN-C	[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]
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			
	Hybrid Control Processor	CAN			
EAM	Emergency Assistance Module	CAN-I			
DSM	Display Screen Module	CAN-I			
A	Auxiliary Hybrid Control Processor	CAN-C			
ABSO	Anti Lock Brakes OBD	CAN-C			
SGW	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			
	Telematic Box Module 2	CAN-C			

ECU SUMMARY INFO (CONT...)

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

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

HCP				
EAM				
DSM	/			T
AHCP				
ORSO				
SGW				
DPDM				
IDCM				
TBM2				

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
RADIO			Stored
RADIO			Stored
			Stored
			Stored
			Stored

ENVIRONMENTAL DATA SUMMARY

RADIO | | Stored | Rear Right Audio Speaker Output-Circuit Resistance Below Threshold

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

RADIO | | Stored | Rear Right Audio Speaker Output-Circuit Open

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

| Stored | Power Inverter Module - Incorrect Control Mode-

NAME	VALUE	UNITS
	00	
Test Failed	False	

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 -	
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-lb
Actual Torque - Motor B	Ft-lb
Available Motor Torque - Motor A	Ft-lb
Available Motor Torque - Motor B	Ft-lb
Available Regen Torque - Motor A	Ft-lb
Available Regen Torque - Motor B	Ft-lb
Commanded Torque - Motor A	Ft-lb
Commanded Torque - Motor B	Ft-lb
Motor A - Inverter Current - phase A	AMP
Motor A - Inverter Current - phase B	AMP
Motor A - Inverter Current - phase C	AMP

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

Motor B - Inverter Current - phase A		
Motor B - Inverter Current - phase B		
Motor B - Inverter Current - phase C		
Motor A Resolver Angle		
Motor B Resolver Angle		
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		
HCP SW Version		
High Voltage bus voltage fault status		
Lv1 Engine Speed		
Lv1 Vehicle Speed		
Lv1 Ignition State		
Commanded Ignition State		
Ignition Switch		

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

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 Mode 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 Failing		
Lv2 Motor Mode Monitor Set		
Lv2 Prime Running		
Lv2 Motor Mode Fault Count		
Commanded Reduced Performance Torque		Ft-Lbs
Flag to trigger Reduced Performance Mode		
Output Torque Monitor Failing - Max Lim Violated		
Output Torque Monitor Failing - Min Lim Violated		
Output Torque Monitor Failed - Max Lim Violated		
Output Torque Monitor Failed - Min Lim Violated		
Regen Monitor Fault		
Reduced Performance Mode		Count
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		

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

UTC Time - [REDACTED]

[REDACTED] Time - [REDACTED]

ECU Time [REDACTED]

HCP | [REDACTED] | Stored | Internal Control Module Torque Calculation Performance-

NAME	VALUE	UNITS
[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]	
Barometric Pressure	[REDACTED]	
Engine Coolant Temperature	[REDACTED]	°F
Engine Speed	[REDACTED]	
Vehicle Speed	[REDACTED]	
[REDACTED] Battery SOC	[REDACTED]	%
Brake Switch Status	[REDACTED]	
Battery Feed Voltage 1	[REDACTED]	V
Battery Feed Voltage 2	[REDACTED]	V
Battery Feed Voltage 3	[REDACTED]	V
Internal EPS Voltage Sense A	[REDACTED]	V
Internal EPS Voltage Sense B	[REDACTED]	V
Hybrid System State	[REDACTED]	
Actual Torque - Motor A	[REDACTED]	
Actual Torque - Motor B	[REDACTED]	
Available Motor Torque - Motor A	[REDACTED]	

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	
Motor B Resolver Angle	
Motor A Temp Sensor	
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	
Prox Detected State	
HV Battery Sleep Time	

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

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 Contactor Fault Active

eMotor A Mode Command

HV Battery Contactor State

Vehicle Speed

Lv1 In Field Mode

Lv1 Resolver Offset Learn

CAN-C BusOff

CAN-ePT BusOff

Lv1 Post Code Clear Diag Disabled

CAN Key Status Fault Active

Test Device Present

Output Torque Max Limit Fail

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

Output Torque Command Fault

Lv1 Retarded Shutdown

Lv1 System Shutdown

Motor Mode Failure

Key Run Crank Active

CAN Key In Run

Motor Mode Monitor Not Allowed

Motor Mode Falling

Motor Mode Monitor Set

Prime Running

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

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

Output Torque Monitor Failed - Violated

Reduced Performance Mode

GPS Date -

GPS Date - Month

GPS Date - Day

UTC Time - Hours

UTC Time - Minutes

Time -

ECU Time -

0 | Stored Charge Status Indicator Module Internal-

NAME	VALUE	UNITS
Test Failed		
Original Odometer Value		
Most Recent Odometer Value		
Frequency Counter		
Real time clock		
RAM stamps keyOn		
RAM Stamps		
Accelerator Pedal Position		
Barometric Pressure		
Engine Coolant Temperature		°F
Battery Feed Voltage		

Battery Feed Voltage 2	
Battery Feed Voltage	
Internal EPS Voltage A	
Internal EPS Voltage 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	0
Motor A - Inverter Current - phase C	0
Motor B - Inverter Current - phase A	0
Motor B - Inverter Current - phase B	
Motor B - Inverter Current - phase C	0
Motor A Resolver Angle	
Motor B Resolver Angle	
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	

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

Impact Event		
PRND Position Display		
System Shutdown Command		
PHEV Charging Status		
Distance Travelled with Light ON		miles
OBCM Operating Mode		
Detected State		
HV Battery Sleep Time		Days
SW Build/Release Version		
SW Version		
High Voltage bus voltage fault status		
HV Battery Voltage		Volts
HV Battery Voltage fault status		
APM HV Voltage		Volts
APM HV Voltage fault status		
ECH HV Voltage		Volts
ECH HV Voltage fault status		
EAC HV Voltage		Volts
EAC HV Voltage fault status		
HV Battery Contactor Status FA		
DAP Contactor Open		
Air PTC Heater HV Voltage		Volts
Air PTC Heater HV Voltage Fault Status		
DBK Heater HV Voltage	1	Volts
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 - 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

RADIO | | Stored | Rear Right Audio Speaker Output-Circuit Resistance Below Threshold

Record 0

NAME	VALUE	UNITS
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Test Failed

Test Failed This Operation Cycle

Pending DTC

Confirmed DTC

Record 1

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

RADIO | | Stored | Right Audio Speaker Output-Circuit Open

Record 0

NAME	VALUE	UNITS
DTC	13	
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		

Record 1

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

No Snapshot Data available for

No Snapshot Data available for

No Snapshot Data available for