


WI
TECH 2.0

CONFIGURATION REPORT

Vehicle

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C				
PCM	Powertrain Control Module	CAN-C				
ICS	Integrated Center Stack	CAN I				
RFH	Radio Frequency Hub	CAN C				
ESM	Electronic Shifter	CAN-C				
DTCM	Drive Train Control Module	CAN C				
ORC	Occupant Restraint	CAN-C				
EPS	Electric Power Steering	CAN C				
HVAC	Heat, Ventilation and A/C	CAN-I				
CSWM	Comfort Seat Wheel Module	CAN-I				
IPC	Instrument Panel Cluster	CAN C				
SCCM	Steering Column Control Module	CAN-C				
BCM	Body Controller	CAN C				
RADIO	Radio	CAN-I				
OCM	Occupant Classification	CAN-C				
BPCM	Battery Pack Control Module	CAN C				
HCP	Hybrid Control Processor	CAN-C				
DSM	Display Screen Module	CAN I				
AHCP	Auxiliary Hybrid Control Processor	CAN-C				

SessionID #

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				
TBM2	Automatic Box Module 2	CAN-C				

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
TCM	USA / USA					
PCM	USA					
ICS	USA					
RFH	USA / USA					
ESM	USA					
DTCM	USA					
ORC	USA					
EPS	USA					
HVAC	USA / USA					
CSWM	USA					
IPC	USA					
SCCM	USA					
BCM	USA					
RADIO						
OCM	USA					
BPCM	Rest of world / ROW					
HCP	USA					
DSM	USA / USA					
AHCP	USA					
ABSO	USA					
SGW						
DPDM	USA					
DASM	USA					
IDCM	USA					
TBM2	USA					

CONFIGURATION

SessionID #

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		
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		
6.4 Liter V8 Engine		
4 Speed Automatic Transmission Equipped		
Electronic Automatic Transmission (EATX) Equipped		
Vehicle Speed Sensor #1 Calculated by ECU		
4.7 Liter V8 Engine		
5.7 Liter V8 Engine		
6.1 Liter V8 Engine		
Sensorless FFV Enabled		
Electronic Throttle Control Equipped		
3.6 Liter V6 Engine		

4.0 Liter I6 Engine
3.8 Liter V6 Engine
3.7 Liter V6 Engine
3.5 Liter V6 Engine
3.3 Liter V6 Engine
3.2 Liter V6 Engine
2.7 Liter V6 Engine
MTV Solenoid Equipped
MDS Equipped
Turbocharger Equipped
SRV Equipped
Secondary Air Equipped
Shift Indicator Lamp Equipped
Barometric Sensor Equipped
TIP Equipped
Battery Temp Sensor Equipped
Knock Sensor 1 Equipped
Knock Sensor 2 Equipped
W14 Variable Valve Timing Equipped
Clutch Interlock Switch Equipped
ESIM Equipped
Linear Purge Equipped
Linear EGR Equipped
Continuous Variable Transmission Equipped
Direct Injection Equipped
Secondary Fuel Pump Equipped
Electronic Coolant Pump Equipped
O2 Sensor Bank 1 Sensor 1 Equipped
O2 Sensor Bank 1 Sensor 2 Equipped
O2 Sensor Bank 1 Sensor 3 Equipped
O2 Sensor Bank 2 Sensor 1 Equipped
O2 Sensor Bank 2 Sensor 2 Equipped
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

Direct Cycle Purge Valve Equipped

Electric Thermostat Heater Equipped

Exhaust Cam 1 Equipped

Intake Cam 1 Equipped

1.8 Liter WI4 engine

2.0 Liter WI4 engine

2.4 Liter WI4 engine

3.0 Liter V6 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

40TE / 41TE / 41TEA

42RLE

45RFE / 545RFE / 65RFE

62TE

66RFE / 68RFE

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 Pressure ABS Equipped
GPEC2 Equipped
GPEC2A Equipped
GPEC3 Equipped
Cummins Equipped
GPEC4 Equipped
VMM Equipped
Powernet Equipped
CUSW (11 Bit) Equipped
Fiat 940 Compact Equipped
Next Gen Bus Equipped
Constant Heater Temperature Control Valve Equipped
High Side Port Tumble Valve Equipped
CMCV H Bridge Equipped
Turbine Volute Valve Actuator Equipped
Wastegate H-Bridge Equipped
Active Exhaust Valve Equipped
Active Exhaust Pressure Sensor Equipped
Engine Idle Shutoff Equipped
Aisin 6 Speed 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
CUSW PROXI Write Programming Support Enabled
Active Engine Mount Equipped
ZF 9 Speed Transmission Equipped
HPT 6-Speed 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
6.2 Liter V8 Engine
Primary Lin Alternator Equipped
Coolant On-Off Pump Equipped
Oil Pressure Sensor Enabled
Flex VIN Learning Strategy Equipped
Dual Fuel Tank Equipped
Yaw Rate Sensor ESC Equipped
1.0 Liter I3 Engine
Coolant On Off Valve Equipped
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped
Buffered Crank Output for P40V 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 Gen1 Capable
Auxillary Coolant Pump Equipped
ZF 9 Speed Trans Equipped
HPT 6-Speed Trans Equipped
CUSW 4 Button 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
5 Button Cruise (LIN) Equipped
Operator Idle Speed Request Equipped

INTAKE O2 SENSOR EQUIPPED

Cylinder Pressure Sensor Equipped

Make Up Air Sensor Equipped

Active Exhaust Pressure Sensor Equipped

Secondary Mass Airflow Sensor Equipped

2.0 Liter I3 Engine

2.0 Liter I4 Direct Injection Engine

Variable Valve Lift Equipped

Coolant On/Off Pump Equipped

Primary Lin Alternator Equipped

Electronic Parking Brake Equipped

Active Exhaust Valve(s) Equipped

Mechanical Coolant Pump Equipped

Aux Coolant Pump Heater Equipped

Heater Temp Control Valve Equipped

High Side Port 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		
\$0214 Programmed by		
Hardware Configuration: Remote Start Antenna		

Hardware Configuration: Front Left Door Handle H/W
Hardware Configuration: Front Right Door Handle H/W
Hardware Configuration: Rear Left Door Handle H/W
Hardware Configuration: Rear Right Door Handle H/W
Hardware Configuration: Trunk Door Handle H/W

RFHub Locked

Fob Location #1 Successfully Programmed
Fob Location #2 Successfully Programmed
Fob Location #3 Successfully Programmed
Fob Location #4 Successfully Programmed
Fob Location #5 Successfully Programmed
Fob Location #6 Successfully Programmed
Fob Location #7 Successfully Programmed
Fob Location #8 Successfully Programmed

Back Up Vehicle Config 1
Back Up Vehicle Config 2
Back Up Vehicle Config 3
Back Up Vehicle Config 4
Back Up Vehicle Config 5
Back Up Vehicle Config 6
Back Up Vehicle Config 7

Back Up ECU Configuration 1
Back Up ECU Configuration 2
Back Up ECU Configuration 3
Back Up ECU Configuration 4
Back Up ECU Configuration 5
Back Up ECU Configuration 6
Back Up ECU Configuration 7
Back Up ECU Configuration 8
Back Up ECU Configuration 9
Back Up ECU Configuration 10
Back Up ECU Configuration 11
Back Up ECU Configuration 12
Back Up ECU Configuration 13
Back Up ECU Configuration 14
Back Up ECU Configuration 15
Back Up ECU Configuration 16
Back Up ECU Configuration 17

Back Up Customer Settings Menu 1 (CSM1)
Back Up Customer Settings Menu 2 (CSM2)

Back Up Programmed ECUs: Cabin Network
Back Up Programmed ECUs: P/T Chassis Network

Secret Key Sent to Body Controller - Most recent attempt

Secret Key Sent to Body Controller Original attempt

Base TPM Present

Full Size Matching Spare Tire Present

ECU Ship Status

Tire Pressure System

Selectable Tire Fill Alert

TPM Auto-Locate Enabled

TPMS Configuration

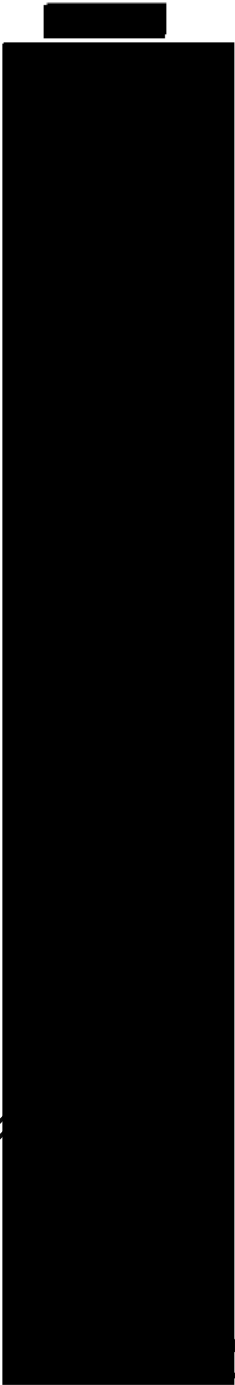
DTCM CONFIGURATION

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

ORC CONFIGURATION

NAME	VALUE	UNITS
Rollover Sensing		
EPPM		
Occupant Classification (OCM)		
First Row Driver Seatbelt Buckle Switch		
First Row Passenger Seatbelt Buckle Switch		
Second Row Left seat belt Switch		
Second Row Center seat belt Switch		
Second Row Right seat belt Switch		
Driver Seat Track Position Sensor		
Passenger Seat Track Position Sensor		
Passenger Occupant Detection Sensor		
Passenger Airbag Disable Switch		
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
Second Row 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
DualZone ATC Control (Factory) (BB)		
DualZone ATC Control (BB)		
Dual Zone MTC Control (BB)		
Single Zone MTC Control (BB)		
MTC With EBL (3Knob)		
MTC Without EBL (3Knob)		
MTC heater only (3Knob)		

IPC CONFIGURATION

NAME	VALUE	UNITS
Main Fuel Tank Gauge - Empty Stop Calibration	0.000	Volts
Main Fuel Tank Gauge 1/4th Datum Calibration	0.000	Volts
Main Fuel Tank Gauge - 1/2 Datum Calibration	0.000	Volts
Main Fuel Tank Gauge 3/4 Datum Calibration	0.000	Volts
Main Fuel Tank Gauge Full Stop Calibration	0.000	Volts
Sub Fuel Tank Gauge - Empty Stop Calibration	0.000	Volts
Sub Fuel Tank Gauge 1/4 Datum Calibration	0.000	Volts
Sub Fuel Tank Gauge - 1/2 Datum Calibration	0.000	Volts
Sub Fuel Tank Gauge 3/4 Datum Calibration	0.000	Volts
Sub Fuel Tank Gauge Full Stop Calibration	0.000	Volts

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

ELSD

TCM

TTP

AFLS

ITBM

OCM

DPDM

SGW

ASBS

ANC

Number of Reprogramming Attempts Counter #0

Vehicle Configuration Programmed Status

Last Programmed Status

Last Configuration Odometer

miles

Vehicle Configuration Auto Write Counter

Vehicle Configuration 1 - Write Counter

Vehicle Configuration 2 - Write Counter

Vehicle Configuration 3 - Write Counter

Vehicle Configuration 4 - Write Counter

Vehicle Configuration 5 - Write Counter

Vehicle Configuration 6 - Write Counter

Programmed ECUs: Cabin Network

Programmed ECUs: P/T Chassis Network

Programmed Network Configuration - Audio / Telematics Network

Programmed ECUs: Hybrid LAN Network

ECU Configuration 1 (CBC Configurable Inputs and Outputs)

ECU Configuration 2 (CBC Features)

ECU Configuration 3

ECU Configuration 4

ECU Configuration 5 (Wireless)

ECU Configuration 5 (Doors)

ECU Configuration 5 (Memory)

ECU Configuration 6 (Brake)

ECU Configuration 6 (Suspension)

ECU Configuration 6 (Powertrain)

ECU Configuration 6 (Safety)

ECU Configuration 7 (CBC Exterior Lighting Calibrations)

ECU Configuration 8 (LIN and Miscellaneous)

ECU Configuration 9A
ECU Configuration 9 (ITM)
ECU Configuration 10
ECU Configuration 11
ECU Configuration 12
ECU Configuration 13
ECU Configuration 14
ECU Configuration 15 (CBC Features)
ECU Configuration 15 (Suspension)
Vehicle Configuration 7 - Write Counter
Vehicle Config CSM1
Vehicle Config CSM2
Model Year
Vehicle Line
Country Code
Left/Right Hand Drive
Remote Start Present
Drive Configuration
Emode Present
Auto Highbeam
Body Style
Maximum Vehicle Speed
Shifter Type
Performance Pages Present
Special Packages
PTS Configuration
Hill Descent Feature Present
Select Speed Control Feature Present
Power Inverter Type
Thatcham Present
Rain Sensor Present
SKIM 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

MPH

PSI
PSI
PSI

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

Power Lift Gate Present

Power Right Sliding Door Present

Power Left Sliding Door Present

RKE System Present

Sunshade Present

Case Type

Wheel Base

FOB/Kill Switch Enable

ELV Present

Fuel Capacity

gallons

Window Express Feature Configuration

Adjustable Pedal Feature Present (non Memory)

Auto Headlamp Feature Present

Door Alert Feature Present

Two Fuel Sending Units Present

Vehicle is an SRT

Disable Display of Radio Clock

Chassis Type

Display Outside Temperature Present

HVAC Configuration

Vehicle Brand

Display Compass Heading Present

Interior EC Mirror Present

ESCL system present

High Intensity Discharge Head Lamps

Secondary Lock Present

Liftgate/Trunk Type

Collision Mitigation System present

Forward Collision Warning present

Base TPM system present

Premium TPM system present

Paddle Shift Feature Present

Sport Mode Present

Auto Park Present

Passive Entry Present

Keyless Go Present

Transfer Case High Ratio

Axle Ratio

Transfer Case Low Range Reduction Ratio

Dynamic Tire Circumference (All or Rear)

inch

Dual Rear Wheel (DRW) Vehicle Present

Non-Regulated Tire Pressure Information System (TPIS) Present

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Steering Ratio at zero	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	[REDACTED]	
Air Quality System Present	[REDACTED]	
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	[REDACTED]	
Low Beam Output Present - Pin A3, G5		
Rear Wiper Motor Park Present Pin E29		
Left Rear Door Ajar Input Present Pin F23		
Front Driver Analog Door Ajar Input Present - Pin E9		
Reserved Pin G12		
Horn Switch Input Present - Pin F29		
Reserved Pin E15		
Hood Ajar Switch Input Present Pin A11		
Hard Top Sense Present - Pin E14		
Reserved F21		
Reserved - Pin D20		
Passenger Door Ajar Signal Present Pin G18		
Reserved - Pin E47		
Reserved - Pin E35		
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 A22		
Left Dedicated DRL Lamps Output Present Pin D15		
Flipper Glass #2 Output Present		
Foot Well Lamps Output Present Pin G24		
Front Fog Lamps Output Present - Pin A1 & D13		
Inverter Enable Relay Output Present - Pin F35		
Reserved E20		
Gated Park ZFII Output Present - Pin D-24		
Reserved Pin E21		
Rear Fog Lamps Output Present - Pin E39 & F5		

Rear Park Lamps Output Present - Pin E4 & F32
Rear Turn Lamps Output Present Pin E3 & F42
Run-ACC Y Relay #2 Output Present - Pin E9
Side Markers Output Present Pin A10 & D5
Trailer Backup Lamps Output Present - Pin E23
Reserved - Pin F4
UVO Feed Output Present Pin G15
VTA Warning LED Output Present - Pin G22
Park Brake Input Present Pin E11
Ambient Temperature Sensor Present - Pin D22
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
One Touch Lane Change
Exterior Light Loadshed Enable
Front Wiper Park Enable
Rear Wiper Park Enable
Reversible Washer Pump Enable
Single Element 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
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

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Microphone Type
External Port Type
Splashscreen Type
ERS Available
Rear Wheel Dually
Max Gear
Virtual Speedometer Units
Speedometer Range Max Scale
IC Configuration
PTO Present
AMB Dimmer
Heated Seat Present
Split Shaft Present
Manual Headlamp Leveling
Gear Shift Indicator
Service Interval
Temperature Celsius for UK
Type of Gallons
Tip Start Present
AP5 Trunk Lock
Airport Scenario Trunk Set
AP1 Left Front
AP2 Right Front
AP3 Left Rear
AP4 Right Rear
Global Up
Global Down
Sun Shade
Puddle Lamp Present
Rear Door Pre Short Drop
Passenger Window Lockout
Auto Power Folding Mirrors Present
Folding mirrors present
Heated Mirrors Present
Mirror turn signals present
Driver Memory Mirrors Present
Passenger Memory Mirror Present
Electro-chromatic driver mirror present
Electro chromatic passenger mirror present
Tow Mirror Present
Blindspot Mirror Present
Window Motor Type

Window Hall Sensors Present

Frameless Window Present

Memory Adjustable Pedals Present

Tilt/Telescope Steering Present

Memory Seat Present

Rear Heated Seats Present

Front Vented Seats Present

Heated Steering Wheel Present

Heated Seat Material Type

Heated Wheel Material Type

Rear Vented Seats Present

Front Heated Seat Present

Brake System ECU Configuration A

Wheel 18 inch 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 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

ASBMM Present

Humidity Sensor Present

Manual Trans Present

DC to DC Converter Present

ASBMM Present

Auto Relock Time

seconds

VTA System Present

DC to DC Converter #2 Present

Illuminated Approach Interior Lighting Target Percentage

Illuminated Approach Headlamp Target Percentage

Illuminated Approach Taillamp Target Percentage

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 E2 & F40

Left High Beam Present - Pin D1

Right High Beam Present - Pin A2

Left Front Lamp Diagnostics Present - Pin F25

Right Front Lamp Diagnostics Present - Pin F28

Left Rear Turn Lamp Diagnostics Present - Pin F27

Right Rear Turn Lamp Diagnostics Present - Pin F31

Brake Fluid Level Switch Signal Present - Pin D21

Siren

Ultrasonics

Tilt

Swing Gate Lock Present - Pin F30

Swing Gate Unlock Present - Pin F33

Front Fog Voltage

Volts

Rear Fog Voltage

Volts

CHMSL Lamp Output Disable

Secondary Door Ajar Present - Pin E28

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

Volt

Interior Lighting Day Threshold

Volt

Axle Locker Configuration

Transmission Equipped

Park Brake Type

TPMS Configuration

Hybrid Type

TSBM Module Present

ADR feature Present

AGS Feature Present

Temperature Display Resolution

PTC Present

Glovebox Control

Glare Free Present

Brake Type

Suspension Type

Park assist customer settings menu

Park assist brake customer settings menu

Park assist front volume customer settings menu

Park assist rear volume customer settings menu

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

Electric power steering customer settings menu
Forward collision warning customer settings menu
Auto on driver comfort customer settings menu
Auxiliary switches customer settings menu
Rear view camera gridlines customer settings menu
Unit set customer settings menu
Power accessory delay customer settings menu
Ambient dimmer customer settings menu
Tire jack mode customer settings menu
Air suspension warning customer settings menu
Automatic aero mode customer settings menu
Auto high beam customer settings menu
Auto park customer settings menu
Blind spot alert customer settings menu
Clock display customer settings menu
Compass calibration customer settings menu
Compass variance customer settings menu
Consumption unit customer settings menu
Distance unit customer settings menu
Auto door lock customer settings menu
Easy exit seat customer settings menu
Auto entry exit mode customer settings menu
EPB service mode customer settings menu
Headlamp drop customer settings menu
Headlamp off delay customer settings menu
Headlamps on with wiper customer settings menu
Passive entry customer settings menu
Illuminated approach customer settings menu
Lane departure torque customer settings menu
Lane departure warning customer settings menu
Rear camera customer settings menu
Rain sensitive wipers customer settings menu
Power take off customer settings menu
Pressure unit customer settings menu
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

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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)
ANC 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
DTV Present
Tri-State Comfort Climate Softkey Function Present

ms

RADIO CONFIGURATION

NAME	VALUE	UNITS
Satellite Subscription Status		
Reason Code	00	
Suspend Day	00	
Suspend Month	00	
Suspend Year	00	
Distortion Limiting		
Clock Defeat		
Stereo Blend		
High Cut		
Automated Loudness		
Anti Theft Enable Status		

12/24 Time Selection

Front Seat Video Playback

Cabin EQ Curve Number Currently Used by Radio

events

Splash Screen

USB Hubs Detected

No Unit

SD Card Readers Detected

No Unit

Enumerated USB Devices

No Unit

Aux Jack

CAN Architecture

VIN LOCK State

VIN Original

ABSO CONFIGURATION

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

DASM CONFIGURATION

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

TBM2 CONFIGURATION

NAME	VALUE	UNITS
Enable Auto Answer		
VIN Original		
VIN Odometer Counter		
VIN Locked		
VIN Current		


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TECH 2.0

VEHICLE SCAN REPORT

 Vehicle [REDACTED]

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PCM	Powertrain Control Module	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ICS	Integrated Center Stack	CAN I	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RFH	Radio Frequency Hub	CAN C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ESM	Electronic Shifter	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DTCM	Drive Train Control Module	CAN C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ORC	Occupant Restraint	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EPS	Electric Power Steering	CAN C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HVAC	Heat, Ventilation and A/C	CAN-I	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CSWM	Comfort Seat Wheel Module	CAN-I	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IPC	Instrument Panel Cluster	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]
BPCM	Battery Pack Control Module	CAN C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HCP	Hybrid Control Processor	CAN-C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DSM	Display Screen Module	CAN I	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AHCP	Auxiliary Hybrid Control Processor	CAN	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

 SessionID # [REDACTED]

ABSO	Anti Lock Brakes OBD	CAN				
SGW	Security Gateway Module	CAN C				
DPDM	Driver Presence Detection Module	CAN				
DASM	Driver Assistance System Module	CAN C				
IDCM	Integrated Dual Charge Module	CAN-C				
TBM2	Automatic Box Module 2	CAN-C				

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
TCM	USA / USA					
PCM	USA					
ICS	USA					
ESM	USA					
DTCM	USA					
ORC	USA					
EPS	USA					
HVAC	USA / USA					
IPC	USA					
BCM	USA					
RADIO						
OCM	USA					
BPCM	Rest of world / ROW					
HCP	USA					
DSM	USA / USA					
AHCP	USA					
SGW						
DPDM	USA					
DASM	USA					
IDCM	USA					
TBM2	USA					

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	[REDACTED]	[REDACTED]	Stored
BCM	U1514 87	[REDACTED]	Stored
RADIO	B1408-13	[REDACTED]	Stored
RADIO	B1498 13	[REDACTED]	Stored
RADIO	B1408 1A	[REDACTED]	Stored
HCP	P1444-00	[REDACTED]	Stored
HCP	P0513 00	[REDACTED]	Stored
HCP	P061B-00	[REDACTED]	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | [REDACTED] | Stored | Lost Communication With Vehicle Security Control Module

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

BCM | [REDACTED] | Stored | Engine Controller Secret Code-Missing Message

NAME	VALUE	UNITS
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]	miles
Most Recent Odometer Value	[REDACTED]	miles
Frequency Counter	[REDACTED]	

Ignition Cycle Counter

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

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

RADIO | [REDACTED] | Stored | USB Hub-Circuit Open

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

RADIO | [REDACTED] | Stored | Rear Left Audio Speaker Output-Circuit Resistance Below Threshold

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

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

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]	miles
Most Recent Odometer Value	[REDACTED]	miles
Frequency Counter	[REDACTED]	

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0

Ignition Cycle Counter	
Microcontroller reset reason Core 0	
Microcontroller reset reason - Core 1	
Real time clock	sec
RAM stamps keyOn	sec
RAM Stamps	Min
Accelerator Pedal Position	%
Barometric Pressure	PSI
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	

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Propulsion System Active	
HV Contactor Status	
HV Battery Voltage from BPCM	Volts
Electric Motor A Speed	rpm
Electric Motor B Speed	rpm
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	
Distance Travelled with Light ON	miles
OBCM Operating Mode	
J1772 Prox Detected State	
HV Battery Sleep Time	Days
SW Build Release Version	
HCP SW Version	
High Voltage bus voltage fault status	
Lv1 Engine Speed	rpm
Lv1 Vehicle Speed	MPH
Lv1 Ignition State	
Commanded Ignition State	
Ignition Switch	
HV Battery Contactor Fault Active	
eMotor A Mode Command	
HV Battery Contractor State	
Lv2 Vehicle Speed	MPH
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 Retard 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	
HCP Level 2 Commanded Reduced Performance Torque	Ft Lbs
HCP Level 2 Flag to trigger Reduced Performance Mode	
HCP Level 2 Output Torque Monitor Failing Max Lim Violated	
HCP Level 2 Output Torque Monitor Failing Min Lim Violated	
HCP Level 2 Output Torque Monitor Failed - Max Lim Violated	
HCP Level 2 Output Torque Monitor Failed Min Lim Violated	
HCP Level 2 Regen Monitor Fault	
HCP Level 2 Reduced Performance Mode	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

HCP | [REDACTED] | Stored | Invalid SKIM Key-

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	
Test Not Completed This Operation Cycle	
Warning Indicator Requested	
DTC Extended Data Record Number	
Occurrence flag	
Original Odometer Value	miles
Most Recent Odometer Value	miles
Frequency Counter	
Ignition Cycle Counter	
Microcontroller reset reason - Core 0	
Microcontroller reset reason - Core 1	
Real time clock	sec
RAM stamps keyOn	sec
RAM Stamps	Min
Accelerator Pedal Position	%
Barometric Pressure	PSI
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

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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		
MC Wake Up Input		
EPTMC Diag Enable		
Propulsion System Active		
HV Contactor Status		
HV Battery Voltage from BPCM		Volts
Electric Motor A Speed		rpm
Electric Motor B Speed		rpm
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		
Distance Travelled with Light ON		miles
OBCM Operating Mode		
J1772 Prox 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		

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DAP Contactor Open		
Air PTC Heater HV Voltage		Volts
Air PTC Heater HV Voltage Fault Status		
DBK Heater HV Voltage		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

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

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

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	
Propulsion System Active	
HV Contactor Status	
HV Battery Voltage from BPCM	Volts
Electric Motor A Speed	rpm
Electric Motor B Speed	rpm
PIM DC Link Voltage - A	Volts
PIM DC Link Voltage - B	Volts
Inverter A IGBT Temperature for phase A	°F

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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

J1772 Prox Detected State

HV Battery Sleep Time

Days

SW Build Release Version

HCP SW Version

High Voltage bus voltage fault status

Lv1 Engine Speed

rpm

Lv1 Vehicle Speed

MPH

Lv1 Ignition State

Commanded Ignition State

Ignition Switch

HV Battery Contactor Fault Active

eMotor A Mode Command

HV Battery Contractor State

Lv2 Vehicle Speed

MPH

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

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

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		
HCP Level 2 Commanded Reduced Performance Torque		Ft Lbs
HCP Level 2 Flag to trigger Reduced Performance Mode		
HCP Level 2 Output Torque Monitor Failing - Max Lim Violated		
HCP Level 2 Output Torque Monitor Failing - Min Lim Violated		
HCP Level 2 Output Torque Monitor Failed - Max Lim Violated		
HCP Level 2 Output Torque Monitor Failed - Min Lim Violated		
HCP Level 2 Regen Monitor Fault		
HCP Level 2 Reduced Performance Mode		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

SNAPSHOT DATA SUMMARY

No Snapshot Data available for [REDACTED]

No Snapshot Data available for [REDACTED]

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

Record 0

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

Record 1

NAME	VALUE	UNITS
DTC	[REDACTED]	
Test Failed	[REDACTED]	

SessionID # [REDACTED]

Test Failed This Operation Cycle

Pending DTC

Confirmed DTC



RADIO |  Stored | USB Hub-Circuit Open

Record 0

NAME	VALUE	UNITS
DTC		
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		

RADIO |  Stored | Rear Left Audio Speaker Output Circuit Resistance Below Threshold

Record 0

NAME	VALUE	UNITS
DTC		
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 

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