

ECU SUMMARY INFO

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[illegible]

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

AHCP	USA				
ABSO	USA				
SGW					
DPDM	USA				
DASM	USA				
IDCM	USA				

CONFIGURATION**TCM CONFIGURATION**

NAME	VALUE	UNITS
Sport Mode Switch or Virtual Switch (Non-Terrain) Equipped		
Overdrive Off or Tow Haul Mode Switch or Virtual Switch (Non-Terrain) Equipped		
Autostick/ERS On/Off Switch Equipped		
Polystable E-shift (Cableless without return-to-center) equipped		
Engine Start/Stop equipped		
ECO/Optimizer Switch Equipped		
RWD Equipped		
AWD Equipped		
Paddle-Shift Switches Equipped		
Short Learn Enabled		
ERS/Autostick/Tip Non-paddle on Shifter in A or M position equipped		
ERS/Autostick/Tip Non-paddle on Steering Wheel equipped		
Long Learn Enabled		
Shifter with Low Mode Position Equipped		
4WD with switchable Lo Range equipped		
Shifter with Sport Mode Position Equipped		
ERS/Autostick/Tip Non-paddle on Shifter in D position equipped		
FWD Equipped		

PCM CONFIGURATION

NAME	VALUE	UNITS
Secondary Mass Airflow Sensor Equipped		
Active Exhaust Pressure Sensor Equipped		
Active Exhaust Valve(s) Equipped		
Electronic Parking Brake Equipped		
High Side Port Tumble Valve Equipped		
Heater Temp Control Valve Equipped		
Aux Coolant Pump Heater Equipped		
Wastegate HBridge Equipped		
Mechanical Coolant Pump Equipped		
Remote Start Present		
		None
Hybrid MEC Shifter Equipped		
Engine Idle Shutoff Equipped		

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

Supercharger Equipped			
Cooled EGR Equipped			
HPT 6-Speed Trans Equipped			
PTO System Equipped			
Dual Fuel Tank Equipped			
Auxillary Coolant Pump Equipped			
66 Large Gas Tank Equipped			
A/C Relay Powered from Engine Switched Battery			
Low Temp Radiator Coolant Pump Equipped			
Dual Alternator Gen1 Capable			
ZF 9-Speed Trans Equipped			
1.8 Liter W14 engine			
Wastegate H-Bridge Equipped			
AC Equipped Over Bus			
1.0 Liter I3 Engine			
Mechanical Coolant Pump Heater Equipped			
Air Shutoff Valve Bank 1 Control Solenoid Equipped			
Port Flap Valve Equipped			
Active Exhaust Valve Equipped			
AC Equipped			
Transmission Software Included			
Operator Idle Speed Request Equipped			
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped			
1 Speed Fan Mechanical Relay System Equipped			
Unleaded Gasoline Fuel			
40TE / 41TE / 41TEA			
Throttle Inlet Temp Sensor Equipped			
Rear Heater Equipped			
Vehicle Speed Sensor #1 Calculated by ECU			
VLP Equipped Indicator			
Knock Sensor 1 Equipped			
Humidity, Temperature and Pressure Sensor (LIN) Equipped			
Continuous Variable Transmission Equipped			
Knock Sensor 2 Equipped			
Engine Stop Start Equipped			
Adaptive Cruise Control Equipped			
Wide Range O2 Sensor 1/1 Equipped			
Starter Relay 2 Equipped			
Linear EGR Equipped			
Hybrid Electric Vehicle Equipped			
66RFE / 68RFE			
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped			
3.2 Liter V6 Engine			
Electronic Throttle Control Equipped			

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

O2 Sensor Bank 2 Sensor 1 Equipped		
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3.0 Liter V6 Engine		
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Brake Pedal Sensor Equipped		
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Wide Range O2 Sensor 2/1 Equipped		
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3.8 Liter V6 Engine		
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O2 Sensor Bank 2 Sensor 2 Equipped		
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MPV Solenoid Equipped		
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Barometric Sensor Equipped		
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Unleaded diesel fuel		
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W14 Intake Flow Control Valve Equipped		
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CUSW PROXI Write Programming Support Enabled		
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ZF 9-Speed Transmission Equipped		
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Secondary Air Equipped		
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4.0 Liter I6 Engine		
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Auxiliary Heater Electric Water Pump Equipped		
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CUSW (11-Bit) Equipped		
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Shift Indicator Lamp Equipped		
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Sensorless FFV Enabled		
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Battery Temp Sensor Equipped		
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Dual Stage Oil Pump Equipped		
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TIP Equipped		
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Coolant On-Off Pump Equipped		
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Power Steering Switch Equipped		
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Active Grille Shutter Equipped		
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6.1 Liter V8 Engine		
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Adaptive Cruise Control Hardware Equipped		
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Powernet Equipped		
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6.4 Liter V8 Engine		
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O2 Sensor Bank 1 Sensor 3 Equipped		
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EMAT (Getrag DCT transmission) Equipped		
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3.7 Liter V6 Engine		
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Dual Fuel Pressure Sensor Equipped		
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Turbine Volute Valve Actuator Equipped		
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Exhaust Cam 1 Equipped		
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Secondary Fuel Pump Equipped		
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ETC Cruise equipped		
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4.7 Liter V8 Engine		
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Engine Idle Shutoff Equipped		
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Variable Speed Fuel Pump Equipped		
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Brushless PWM Fan Equipped		
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Variable Displacement AC Equipped		
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Police Package Equipped		
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2.0 Liter W14 engine		
Dual Speed Fuel Pump Equipped		
Coolant On-Off Valve Equipped		
Dual Fuel Tank Equipped		
Cummins Equipped		
Duty Cycle Purge Valve Equipped		
Active Exhaust Pressure Sensor Equipped		
O2 Sensor Bank 1 Sensor 1 Equipped		
Clutch Interlock Switch Equipped		
Inrush Current Reduction Relay Equipped		
PTO System Equipped		
HPT 6-Speed Transmission Equipped		
Cooled EGR Equipped		
Low Temperature Radiator Coolant Pump Equipped		
42RLE		
O2 Sensor Bank 1 Sensor 2 Equipped		
6.2 Liter V8 Engine		
SRV Equipped		
MDS Equipped		
5.7 Liter V8 Engine		
Electric Thermostat Heater Equipped		
Intake Cam 1 Equipped		
VMM Equipped		
VLP Is Learnable Indicator		
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped		
Fan Wake Up Relay System Equipped		
CUSW (29-Bit) Equipped		
A/C Equipped		
Supercharger Equipped		
2 Speed Fan 3 Driver 3 Relay System Equipped		
Auxiliary Coolant Pump Heater Equipped		
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY		
Fiat 940 Compact Equipped		
3.5 Liter V6 Engine		
Transmission Oil Heater Equipped		
Aisin 6-Speed RWD Transmission Equipped		
Trans Reverse Lockout Equipped		
Turbocharger Equipped		
ERS Equipped Indicator		
3.3 Liter V6 Engine		
2 Speed Fan Mechanical Relay System Equipped		
Electric Coolant Valve Equipped		

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MultiAir Equipped		
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED		
Linear PWM Fan Relay System Equipped		
Fixed displacement AC Equipped		
GPEC3 Equipped		
4 Speed Automatic Transmission Equipped		
Linear Purge Equipped		
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped		
Trans Skip Shift Equipped		
Electronic Vacuum Pump Equipped		
VFS Actuators Available Indicator		
Electronic Automatic Transmission (EATX) Equipped		
GPEC2A Equipped		
Active Engine Mount Equipped		
3.6 Liter V6 Engine		
45RFE / 545RFE / 65RFE		
CMCV H-Bridge Equipped		
Electronic Coolant Pump Equipped		
Direct Injection Equipped		
Tumble Generator Valve Equipped		
Auxiliary Coolant Pump Equipped		
WI4 Variable Valve Timing Equipped		
GPEC4 Equipped		
Next Gen Bus Equipped		
Fiat VIN Learning Strategy Equipped		
PWM Fan Motor System Equipped		
Primary Lin Alternator Equipped		
Compressed Natural Gas Equipped		
ESIM Equipped		
ICC Cruise Equipped		
Electric Water Pump Equipped		
GPEC2 Equipped		
Intake Cam 2 Equipped		
4 Button Integrated Cruise Control		
High Side Port Tumble Valve Equipped		
2.7 Liter V6 Engine		
Viscosity Sensor Equipped		
3 Speed Fan Mechanical Relay System Equipped		
2 Speed Fan PWM Relay System Equipped		
2.4 Liter WI4 engine		
Exhaust Cam 2 Equipped		
Engine Oil Heater Cooler Equipped		
Engine Software In Package		
Oil Pressure Sensor Enabled		

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Primary Lin Alternator Equipped		
Coolant On-Off Pump Equipped		
2.0 Liter I4 Direct Injection Engine		
1.0 Liter I3 Engine		
Variable Valve Lift Equipped		
INTAKE O2 SENSOR EQUIPPED		
Throttle Inlet Temp Sensor Equipped		
Cylinder Pressure Sensor Equipped		
Dual Fuel Pressure Sensor Equipped		
SWAP HARDWIRED BRAKE SWITCH INPUTS		
Brake Pedal Sensor Equipped		
Make Up Air Sensor Equipped		
Power Steering Angle Sensor Mandatory		
5 Button Cruise (LIN) Equipped		
CUSW 4-Button Cruise Equipped		
Bi-Directional Crank Sensor Equipped		
Clutch Sensor Equipped		
Operator Idle Speed Request Equipped		
LIN Humidity, Temp, and Pressure Sensor Equipped		
Mass Airflow System Equipped		

ICS CONFIGURATION

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

TPM CONFIGURATION

NAME	VALUE	UNITS
RSSI Margin 4 Wheel Constant B		No Unit
RSSI Margin 4 Wheel Constant C		No Unit
RSSI Margin 4 Wheel Constant D		No Unit
RSSI Margin 4 Wheel Constant A		No Unit
RSSI Margin Constant Override Setting		
High Gain Mode Setting		
WAL Gain Mode Setting		
Gain Mode Override Status		
Premium TPM Present		
Base TPM Present		
Run Flat Tire Present		
SRT Vehicle Present		
TPM Legislation		
Current Gain Mode		
BUX Deactivation Flag		

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TPM System Type		
4/5 Tire System		

RFH CONFIGURATION

NAME	VALUE	UNITS
Back Up Vehicle Config 4		
Back Up ECU Configuration 6		
Back Up ECU Configuration 5		
Back Up ECU Configuration 8		
Back Up Vehicle Config 1		
Back Up ECU Configuration 4		
Back Up ECU Configuration 9		
Back Up Customer Settings Menu 2 (CSM2)		
Back Up Vehicle Config 7		
Back Up ECU Configuration 3		
Back Up Customer Settings Menu 1 (CSM1)		
Back Up ECU Configuration 13		
Back Up Programmed ECUs: P/T Chassis Network		
Back Up Vehicle Config 3		
Back Up ECU Configuration 1		
Back Up ECU Configuration 10		
Back Up ECU Configuration 15		
Back Up ECU Configuration 17		
Back Up ECU Configuration 7		
Back Up Programmed ECUs: Cabin Network		
Back Up Vehicle Config 6		
Back Up ECU Configuration 16		
Back Up Vehicle Config 5		
Back Up ECU Configuration 2		
Back Up ECU Configuration 14		
Back Up ECU Configuration 11		
Back Up Vehicle Config 2		
Back Up ECU Configuration 12		
Hardware Configuration: Remote Start Antenna		
Hardware Configuration: Front Right Door Handle H/W		
Hardware Configuration: Rear Right Door Handle H/W		
Hardware Configuration: Rear Left Door Handle H/W		
Hardware Configuration: Front Left Door Handle H/W		
Hardware Configuration: Trunk Door Handle H/W		
\$0214 Programmed by		
Module Configuration Status		
Auto Park Present		
Remote Start Present		
Secret Codes Programmed		

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e-shifter present		
RKE		
Ignition system type connected		
Keyless Go		
Passive Entry		
RFHub Locked		
Fob Location #2 Successfully Programmed		
Fob Location #8 Successfully Programmed		
VIN Successfully Programmed		
Fob Location #7 Successfully Programmed		
Valid Key In Ignition		
Secret Key Sent to Body Controller - Most recent attempt		
Fob Location #1 Successfully Programmed		
Fob Location #5 Successfully Programmed		
Fob Location #6 Successfully Programmed		
PIN Successfully Programmed		
Secret Key Sent to Body Controller - Original attempt		
Fob Location #4 Successfully Programmed		
Fob Location #3 Successfully Programmed		

DTCM CONFIGURATION

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

ORC CONFIGURATION

NAME	VALUE	UNITS
Right Curtain Squib 1		
Driver Seatbelt Retractor Pretensioner		
Passenger Seatbelt Anchor Pretensioner		
Driver Frontal Squib 2		
Left B-Pillar Impact Acceleration Sensor		
Right Side Door Pressure Sensor		
First Row Driver Seatbelt Buckle Switch		
First Row Passenger Seatbelt Buckle Switch		
Right B-Pillar Impact Acceleration Sensor		
Passenger Seatbelt Load Limiter		

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Driver Frontal Squib 1

Configuration Column Identifier

Passenger Frontal Squib 3

Second Row Left Seat Side Airbag

Passenger Seat Track Position Sensor

Right Up-Front Acceleration Sensor

Second Row Center seat belt Switch

Passenger Frontal Squib 2

Passenger Frontal Squib 1

EPPM

Passenger Seatbelt Buckle Pretensioner

Right Side Seat Squib 1

Driver Seat Track Position Sensor

Driver Frontal Squib 4

Left Curtain Squib 1

Driver Seatbelt Anchor Pretensioner

Passenger Seatbelt Retractor Pretensioner

Second Row Right seat belt Switch

Right C-Pillar Impact Acceleration Sensor

Driver Frontal Squib 3

Passenger Airbag Disable Switch

Occupant Classification (OCM)

Left Side Door Pressure Sensor

Left D-Pillar Impact Acceleration Sensor

Second Row Left seat belt Switch

Driver Seatbelt Buckle Pretensioner

Passenger Knee Bolster Squib

Passenger Frontal Squib 4

Right D-Pillar Impact Acceleration Sensor

Left Up-Front Acceleration Sensor

Driver Knee Bolster Squib

Second Row Right Seat Side Airbag

Rollover Sensing

Passenger Occupant Detection Sensor

Driver Seatbelt Load Limiter

Left C-Pillar Impact Acceleration Sensor

Left Side Seat Squib 1

HVAC CONFIGURATION

NAME	VALUE	UNITS
DualZone ATC Control		
MTC Without EBL (3Knob)		
MTC heater only (3Knob)		

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Single Zone MTC Control	████	
Dual Zone MTC Control	████	
DualZone ATC Control (Factory)	████	
MTC With EBL (3Knob)	████	

AMP CONFIGURATION

NAME	VALUE	UNITS
Premuim - 3	████	
Non -ANC	████	
No HALF Chime	████	
Premuim - 2	████	
Premuim - 1	████	
No Rear Doors	████	
Door Module - Right Front	████████	
Door Module - Left Front	████████	
ANC Calibration Date - Year	██	
ANC Calibration Date - Patch Level	█	
ANC Calibration Date - Week	█	
Surround Sound Activated	████	
Current ANC Calibration ID - Service	██	
ANC Status	██████████	

IPC CONFIGURATION

NAME	VALUE	UNITS
Main Fuel Tank Gauge - 3/4 Datum Calibration	████	Volts
Main Fuel Tank Gauge - 1/4th Datum Calibration	████	Volts
Main Fuel Tank Gauge - 1/2 Datum Calibration	████	Volts
Main Fuel Tank Gauge - Empty Stop Calibration	████	Volts
Main Fuel Tank Gauge - Full Stop Calibration	████	Volts
Sub Fuel Tank Gauge - 1/2 Datum Calibration	████	Volts
Sub Fuel Tank Gauge - 1/4 Datum Calibration	████	Volts
Sub Fuel Tank Gauge - 3/4 Datum Calibration	████	Volts
Sub Fuel Tank Gauge - Full Stop Calibration	████	Volts
Sub Fuel Tank Gauge - Empty Stop Calibration	████	Volts
PHEV	████	
Rear Fog Lamp	████	
JT Vehicle	████	
Low Line Cluster	████	

PTS CONFIGURATION

NAME	VALUE	UNITS
Rear System with 6 Front Sensors	████	
Front System with 6 Rear Sensors	████	

SCCM CONFIGURATION

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

BCM CONFIGURATION

NAME	VALUE	UNITS
Number of Reprogramming Attempts - Counter #0	█	
Last Programmed Status	█	
Vehicle Configuration Programmed Status	█	
ECU Configuration 6 (Brake)	█	
Vehicle Configuration 4 - Write Counter	█	
Vehicle Configuration 3 - Write Counter	█	
ECU Configuration 3	█	
Vehicle Configuration 6 - Write Counter	█	
ECU Configuration 5 (Wireless)	█	
Programmed Network Configuration - Audio / Telematics Network	█	
ECU Configuration 7 (CBC Exterior Lighting Calibration)	█	
ECU Configuration 10	█	
ECU Configuration 4	█	
ECU Configuration 2 (CBC Features)	█	
ECU Configuration 14	█	
ECU Configuration 15 (CBC Features)	█	
Last Configuration Odometer	█	miles
ECU Configuration 5 (Memory)	█	
ECU Configuration 9 (ITM)	█	
ECU Configuration 5 (Doors)	█	
Vehicle Configuration Auto Write Counter	█	
ECU Configuration 12	█	
Vehicle Configuration 2 - Write Counter	█	
Programmed ECUs: P/T Chassis Network	█	
ECU Configuration 15 (Suspension)	█	
ECU Configuration 6 (Safety)	█	
ECU Configuration 9A	█	
Vehicle Config CSM1	█	
ECU Configuration 11	█	
Programmed ECUs: Cabin Network	█	
Vehicle Configuration 1 - Write Counter	█	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	█	
Programmed ECUs: Hybrid LAN Network	█	
ECU Configuration 8 (LIN and Miscellaneous)	█	
ECU Configuration 6 (Powertrain)	█	

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Vehicle Configuration 7 - Write Counter		
Vehicle Configuration 5 - Write Counter		
ECU Configuration 6 (Suspension)		
ECU Configuration 13		
Vehicle Config CSM2		
Remote Start Present		
Adaptive Highbeam		
PTS Configuration		
Vehicle Line		
Maximum Vehicle Speed		MPH
Select Speed Control Feature Present		
Emode Present		
Body Style		
Country Code		
Model Year		
Drive Configuration		
Hill Descent Feature Present		
Left/Right Hand Drive		
Special Packages		
Shifter Type		
Performance Pages Present		
Flipper Glass Present		
Special Packages		
Off Road Capable		
Thatcham Present		
Max Load Inflation Pressure Front Tire		PSI
Power Inverter Type		
Full Size Spare		
Rain Sensor Present		
Max Load Inflation Pressure Rear Tire		PSI
Light Load Inflation Pressure Rear Tire		PSI
Air Conditioning Present		
SKIM System Present		
Cruise Feature is Present		
Power Lift Gate Present		
T-Case Type		
Vehicle is an SRT		
HVAC Configuration		
Liftgate/Trunk Type		
Window Express Feature Configuration		
Keyless Go Present		
High Intensity Discharge Head Lamps		
Door Alert Feature Present		
Interior EC Mirror Present		

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ELV Present		
Power Left Sliding Door Present		
Sunshade Present		
Premium TPM system present		
Auto Headlamp Feature Present		
Enable Display of Radio Clock		
Two Wheel Sending Units Present		
Wheel Base		
Collision Mitigation System present		
Sport Mode Present		
ESCL system present		
Secondary Lock Present		
Auto Park Present		
Paddle Shift Feature Present		
Fuel Capacity		gallons
RKE System Present		
FOBIK Safe Enable		
Power Right Sliding Door Present		
Forward Collision Warning present		
Police Lighting Feature		
Display Compass Heading Present		
Chassis Type		
Vehicle Brand		
Display Outside Temperature Present		
Dynamic Tire Circumference (All or Rear)	9	inch
Transfer Case High Ratio		
Axle Ratio		
Dual Rear Wheel (DRW) Vehicle Present		
Steering Ratio at Positive Angle 2		No Unit
Steering Ratio at Positive Angle 4		No Unit
Steering Ratio at zero		No Unit
Steering Ratio at Positive Angle 1		No Unit
Steering Ratio at Positive Angle 3		No Unit
Steering Ratio at Positive Angle 5		No Unit
Non-Regulated Tire Pressure Information System (TPIS) Present		
Air Quality System Present		
Analog Door Sensor Configuration		
Steering Ratio at Negative Angle 1		No Unit
Steering Ratio at Negative Angle 4		No Unit
Steering Ratio at Negative Angle 5		No Unit

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

Steering Ratio at Negative Angle 3		No Unit
Steering Ratio at Negative Angle 2		No Unit
Rear Turn Lamps Output Present - Pin E3 & F42		
Hood Ajar Switch Input Present - Pin A11		
Ambient Temperature Sensor Present - Pin D22		
VTA Warning LED Output Present - Pin G22		
Left Dedicated DRL Lamp Output Present - Pin A22		
Diesel Cabin Heater #3 Output Present - Pin D10		
Reserved - Pin E21		
Reserved - Pin F15		
Diesel Cabin Heater #1 Output Present - Pin D11		
Inverter Enable Relay Output Present - Pin F35		
Rear Fog Lamps Output Present - Pin E39 & F5		
Side Markers Output Present - Pin A10 & D5		
Trailer Backup Lamps Output Present - Pin E23		
Reserved - Pin F4		
Reserved - Pin G12		
Park Brake Input Present - Pin E11		
Ambient Light Dimmer Wheel Input Present Pin G9		
Reserved - Pin E47		
Left Rear Door Ajar Input Present - Pin F23		
Front Driver Analog Door Ajar Input Present - Pin F9		
Run-ACC Y Relay #2 Output Present - Pin E9		
Foot Well Lamps Output Present - Pin G24		
UGDO Feed Output Present - Pin G15		
Diesel Cabin Heater #2 Output Present - Pin D9		
Reserved - Pin D20		
Reserved - Pin E35		
Starter Relay Lowside Coil Drive - Pin D7		
Passenger Door Ajar Signal Present - Pin G18		
Low Beam Output Present - Pin A3, D2		
Left Dedicated DRL Lamps Output Present - Pin D15		
Reserved - E20		
Gated Park ZFII Output Present - Pin D-24		
Hard Top Sense Present - Pin E14		
Rear Wiper Motor Park Present - Pin E29		
Reserved - F21		
Flipper Glass #2 Output Present		
Front Fog Lamps Output Present - Pin A1 & D13		
Rear Park Lamps Output Present - Pin E4 & F32		
Horn Switch Input Present - Pin F29		
Headlamp Washer Low Fluid Shut-Off Enable		
DRL Lamp Location		
LED License Lamps Present		

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Front Wiper Wipes After Wash		
Front Fog Lamp Dropout Enable		
Tip Start Enabled		
Headlamp Wash Shot		
Side Repeaters Enable		
Quad Headlamps Enable		
LED Front Fog Lamps Present		
Compressed Rear Lighting Enable		
Door Lock Switch Signal FT LT Usage (F9)		
Hazard Lamp Configuration		
LED Rear Turn Lamps Present		
Headlamp Wash Interval		
LED Front Park/Marker Lamps Present		
Military Vehicle Present		
LED High Beam Lamps Present		
Front Wiper Park Enable		
Tunnel Detection		
LED Dedicated DRL Present		
One Touch Lane Change		
LED Stop Lamps Present		
Horn Chirp Allowed		
Single Element Tail Lamp		
LED Front Turn Lamps Present		
Door Lock Switch Signal FT RT Usage (F23)		
Trailer Tow Present		
Exterior Light Loadshed Enable		
Park Lamp Loadshed Enable		
DRL Configuration		
LED Low Beam Lamps Present		
LED Rear Fog Lamps Present		
Rear Wiper Park Enable		
Intermittent Wiper States		
LED CHMSL Lamp Present		
Wiper Service Position Enabled		
LED Reverse Lamps Present		
LED Tail Lamps Present		
Dual Start Relay System Present		
DRL Dropout Enable		
Reversible Washer Pump Enable		
Bi Xenon Headlamps Enable		
CTP Max AC Present		
DTV Front Camera Present		
Microphone Type		
DAB Present		

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VIN Check Digit Diabie		
Hill Descent Control Present		
Disable CD Eject		
Audio Steering Wheel Switch Configuration		
Vehicle Theft Alarm Present		
Front Park Assist Present		
External Port Type		
Destination		
Cabin Equalization Curve Number	)	
Radio Display On/Off Softkey Present		
Front Heated Seats Present		
Hill Start Assist Customer Setting Option Present		
DTV Side Camera Present		
Radio Apps Present		
Surround Sound Feature Present		
Rear Camera Present		
Tow Haul Present		
Antenna Type		
Hybrid Electric Powertrain Present		
Power Door Locks Present		
Microphone Tuning Parameter		
CTP Auto Lock Disable		
CTP Easy Entry Enable		
Power Inverter Present		
SDAR Travel Link Present		
CTP Passive Entry Present		
Microphone Configuration		
Front Ventilated Seats Present		
Splashscreen Type		
Heated Steering Wheel Present		
Gear Shift Indicator		
ERS Available		
AMB Dimmer		
Temperature Celsius for UK		
Speedometer Range Max Scale		
Split Shaft Present		
Max Gear		
PTO Present		
IC Config Feature		
Heated Seat Present		
Manual Headlamp Leveling		

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Type of Gallons		
Tip Start Present		
AP1 Left Front		
AP2 Right Front		
AP5 Trunk Lock		
Airport Scenario Trunk Set		
AP3 Left Rear		
AP4 Right Rear		
Puddle Lamp Present		
Mirror turn signals present		
Window Hall Sensors Present		
Passenger Window Lockout		
Driver Memory Mirrors Present		
Auto Power Folding Mirrors Present		
Tow Mirror Present		
Rear Door Pre Short Drop		
Blindspot Mirror Present		
Electro-chromatic passenger mirror present		
Global Down		
Folding mirrors present		
Frameless Window Present		
Window Motor Type		
Passenger Memory Mirror Present		
Heated Mirrors Present		
Sun Shade		
Electro-chromatic driver mirror present		
Global Up		
Front Vented Seats Present		
Rear Heated Seats Present		
Memory Adjustable Pedals Present		
Front Heated Seat Present		
Memory Seat Present		
Rear Vented Seats Present		
Heated Wheel Material Type		
Tilt/Telescope Steering Present		
Heated Seat Material Type		
Heated Steering Wheel Present		
Wheel 18 inch overall ESC Maserati		
Brake System ECU Configuration A		
ECO Mode Configuration		
Dual Alternator Present		
CHMSL Lamp Output Disable		
Manual Door Locks Present		

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

Swing Gate Lock Present - Pin F30	[REDACTED]	
Secondary Door Ajar Present - Pin E28	[REDACTED]	
Auto High Beam Module Location	[REDACTED]	
Swing Gate Unlock Present - Pin F33	[REDACTED]	
[REDACTED]	[REDACTED]	
Rear Fog Voltage	[REDACTED]	Volts
Front Fog Voltage	[REDACTED]	Volts
Excess Longitudinal Acceleration Factor	[REDACTED]	
Steering Smoothing Duration	[REDACTED]	
Average Last Lateral Acceleration Values	[REDACTED]	
Maximum Lateral Change	[REDACTED]	
Brake Smoothing Duration	[REDACTED]	
Acceleration Threshold	[REDACTED]	
[REDACTED]	[REDACTED]	
Brake Smoothing Threshold	[REDACTED]	
Nose Dive Threshold	[REDACTED]	
Steering Smoothing Factor	[REDACTED]	
Nose Dive Factor	[REDACTED]	
Steering Smoothing Threshold	[REDACTED]	
Excess Lateral Acceleration Factor	[REDACTED]	
Maximum Longitudinal Change	[REDACTED]	
Brake Smoothing Factor	[REDACTED]	
Average Last Longitudinal Acceleration Values	[REDACTED]	
RKE Auto-Relock Feature Enable	[REDACTED]	
ASBM Minimum Voltage Time	[REDACTED]	
Interior Lighting Night Threshold	[REDACTED]	Volt
PE Auto-Relock Feature Enable	[REDACTED]	
ASBM Battery Minimum Voltage	[REDACTED]	
Horn Chirp Duration	[REDACTED]	
Parking Light Enable	[REDACTED]	
Pitch and Roll Present	[REDACTED]	
Interior Lighting Day Threshold	[REDACTED]	Volt
VTA Hood Ajar Monitoring	[REDACTED]	
Suspension Type	[REDACTED]	
AGS Feature Present	[REDACTED]	
Axle Locker Configuration	[REDACTED]	
PTC Present	[REDACTED]	
Park Brake Type	[REDACTED]	
Hybrid Type	[REDACTED]	
Transmission Equipped	[REDACTED]	
Glovebox Control	[REDACTED]	
Brake Type	[REDACTED]	
TPMS Configuration	[REDACTED]	
Temperature Display Resolution	[REDACTED]	

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

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

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

Teen Key Fuel Pop-up Customer Settings Menu		
Teen Key Automatic High Beam Customer Settings Menu		
Rear view camera delay customer settings menu		
Passenger Airbag On/Off Customer Settings Menu		
RKE unlock customer settings menu		
Speed unit customer settings menu		
Hours and Engine Off Power Delay Customer Settings Menu		
Forward Collision Warning and Brake Customer Settings Menu		
Tilt mirror in reverse customer settings menu		
Torque unit customer settings menu		
Clari-Fi Present		
Radio Speaker Open Circuit Disable (RF)		
Radio Speaker Open Circuit Disable (LF)		
DTV Present		
Surround View Camera On/Off Softkey Present		
Auto Dimming Mirror Hard Button Present		
Rear Defrost and Heated Mirrors Present		
Radio Speaker Open Circuit Disable (LR)		
Tri-State Comfort Climate Softkey Function Present		
Automatic Crash Notification Feature Present		
Show Phone Information in Cluster		
ANC Calibration Parameter Data Set		
Drive Mode Version		
Trailer Hitch Camera Present		
Park Assist Tuning Set		
Right Front Corner Voltage		
Left High Beam Voltage Regulation		
Left Rear Corner Voltage		
Left Front Corner Voltage		
Right Low Beam Voltage Regulation		
Signature Light Present		
Right Rear Corner Voltage		
Dual Filament Headlamp		
Auto Headlamp On Threshold		Volt
Front Turn Lamp Diagnostics		
Left Low Beam Voltage Regulation		
Auto Headlamp Off Threshold		Volt
Right High Beam Voltage Regulation		
Tilt		
Siren		
Ultrasonics		
Manual Trans Present		
Washer Fluid Level Voltage Threshold		

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

Illuminated Approach Taillamp Target Percentage		
Illuminated Approach Headlamp Target Percentage		
IBS Present		
DC to DC Converter #2 Present		
EVIC Switch Module Present		
CRVMM Present		
Humidity Sensor Present		
Parking Brake		
Auto Relock Time		seconds
DC to DC Converter Present		
Compass Mounting Angle		Degree
Illuminated Approach Interior Lighting Target Percentage		
Illuminated Approach Interior Lighting Ramp Up Time		
ASBM Present		
VTA System Present		
ASBMM Present		
Speedometer Tolerance		
Steering C Factor		
Increasing speed constant		
Tachometer Type		
Passenger Kneebag Present		
ODS Present		
Driver Kneebag Present		
BUX vehicle		
Integrated EPP Present		
2nd Row Seat Airbags Present		
Passive Ped Pro Present		
Curtain Airbags Present		
Tow Hooks Present		
Reserved		
Reserved		
ANC		
PCM		
OCM		
ASBS		
SGW		
ITBM		
ABS		
AFLS		
ORC		
ESM		
DPDM		

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

ELSD		
IPC		
TPM		
SCCM		
EPS		
ASCM		
IPM		
PTS		
TCM		
BCM (PT)		
RFH		
Heated Mirrors Present		
Engine Displacement		
Rear Defrost Presence		
AMP		
TBM		
HVAC_R		
RBSM		
LBSM		
EDM		
Radio		
PTCM		
BCM (Interior Bus)		
HSM		
ITM		
HVAC		
Right High Beam Present - Pin A2		
Left Rear Turn Lamp Diagnostics Present - Pin F27		
Stop/Turn Lamp or Stop Lamp Present Pin E2 & F40		
Signature Lamps or Mirror Repeater Present - Pin A5 & Pin A7		
Brake Fluid Level Switch Signal Present - Pin D21		
Backup Reverse Lamp Left Present - Pin F41		
Left Front Lamp Diagnostics Present - Pin F25		
Right Front Lamp Diagnostics Present - Pin F28		
Left High Beam Present - Pin D1		
Right Rear Turn Lamp Diagnostics Present - Pin F31		
Backup Reverse Lamp Right Present - Pin E1		

RADIO CONFIGURATION

NAME	VALUE	UNITS
Compass on the bus messaging Authorization		
GPS on the Bus messaging Authorization		
Satellite Subscription Suspend Day		
Satellite Subscription Reason Code		

Satellite Subscription Suspend Year	[REDACTED]	
Satellite Subscription Suspend Month	[REDACTED]	
Satellite Subscription Status	[REDACTED]	
[REDACTED]	[REDACTED]	
Aux Jack	[REDACTED]	
USB Hubs Detected	[REDACTED]	No Unit
SD Card Readers Detected	[REDACTED]	No Unit
Enumerated USB Devices	[REDACTED]	No Unit
DTV Short Term Configuration	—	
911 Button	[REDACTED]	
SDARS	[REDACTED]	
Internal CD Player	[REDACTED]	
[REDACTED]	[REDACTED]	
Bluetooth	[REDACTED]	
Navigation Active	[REDACTED]	
FM Diversity	[REDACTED]	
Cellular	[REDACTED]	
Wi-Fi	[REDACTED]	
Splash Screen	[REDACTED]	
Anti-Theft Enable Status	[REDACTED]	
Automated Loudness	[REDACTED]	
Front Seat Video Playback	[REDACTED]	
[REDACTED]	[REDACTED]	
Cabin EQ Curve Number Currently Used by Radio	[REDACTED]	
12/24 Time Selection	[REDACTED]	

LBSS CONFIGURATION

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

RBSS CONFIGURATION

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

ABSO CONFIGURATION

NAME	VALUE	UNITS
Trans Type	[REDACTED]	
Drive Configuration	[REDACTED]	
Displacement	[REDACTED]	No Unit
Hybrid Type	[REDACTED]	
Vehicle Line Identification	[REDACTED]	

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

Chassis Type		
Axle Ratio		
		inch

DASM CONFIGURATION

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

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

ECU SUMMARY INFO

[illegible]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
TCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ASBS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ICS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TPM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ESM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DTCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ORC	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EPS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HVAC	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CSWM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AMP	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IPC	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PTS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RADIO	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
OCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
LBSS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RBSS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BPCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HCP	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

AHCP				
ABSO				
SGW				
DPDM				
DASM				
IDCM				

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
BPCM			
HCP			
HCP			

ENVIRONMENTAL DATA SUMMARY

BPCM |

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		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
FoM - for this DTC (lifetime fails)		events
FoM - for this DTC (lifetime fails counts on pass)		seconds
FoM - for this DTC (lifetime longest fail on pass)		seconds
Battery Total Time Awake		seconds
Key in Ignition		
EPT-WakeUp		
HCP Contactor Command		
Qualified Contactor Command - QCC		
Verified Contactor Command - VCC		
Contactor Status		
Plug in Status		
Balance Mode		
Vehicle Speed		MPH

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

System (12) Volts at time of fault		Volts
Battery Lifetime AmpHrs of Charge		AHr
Battery Lifetime AmpHrs of DisCharge		AHr
HVIL Status -Vehicle		
Cycles left to self heal		No Unit
HV Battery Charge Power 2sec		watts
HV Battery Charge Power 10sec		watts
HV Battery Discharge Power 2sec		watts
HV Battery Discharge Power 10sec		watts
Key - DriveKey (CAN)		
Battery Lifetime Number Of Closes		
Battery Full AmpHr Capacity		AmpHrs
Battery Cell Voltage Maximum		mV
Battery Cell Voltage Minimum		mV
Battery Cell Voltage Average		mV
Battery Temperature Maximum Module		°F
Battery Temperature Minimum Module		°F
Battery Temperature Average Module		°F
Battery Temperature Number of Failing Sensors		
DTC Extended Data Record Number - All		
DTC Extended Data Record Number - 2		
HV Battery Charge Power 30sec		watts
HV Battery Discharge Power 30sec		watts
Key Position		
SOC		%
HV Bat SOH-R		%
HV Bat SOH-C		
		mOhms
Cell Impedance Min Discharge		mOhms
HVIL Status - Battery pack		
HVIL PWM Duty Cycle source - Vehicle		
		%
HVIL PWM Duty Cycle Source - Battery		%
HVIL PWM Duty Cycle Sink - Battery		%
HVIL PWM Frequency source - Vehicle		Hz
HVIL PWM Frequency Sink - Vehicle		Hz
HVIL PWM Frequency Source - Battery		Hz
HVIL PWM Frequency Sink - Battery		Hz
HVIL Returned current - Vehicle		mA
HVIL Returned current - Battery		mA
Battery Cell Highest Cell number		
Battery Cell Lowest Cell number		
HV Battery Current Sensor Primary		Amps
HV Battery Current Sensor Secondary		Amps

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

HV Battery Current HVBatCrnt		Amps
HV Battery Voltage (cell sum)		
		Volts
HV Sensor-Pack Voltage		Volts
HV Sensor -DC Link Voltage		
		Volts
HV Sensor- IDCM fuse Voltage		Volts
HV Sensor - Heater fuse Voltage		Volts
Battery Temperature Highest Sensor number		
Battery Temperature Lowest Sensor number		
HV Cooling Battery coolant inlet temp		°F
HV Cooling Battery coolant outlet temp		°F
BPCM temperature max		
		°F
Vehicle Isolation Impedance (Positive side)		Mega Ohms
Vehicle Isolation Impedance (Negative side)		Mega Ohms
Vehicle Isolation Impedance (Equivalent)		Mega Ohms
Battery Isolation Impedance (Positive side)		Mega Ohms
Battery Isolation Impedance (Negative side)		Mega Ohms
Battery Isolation Impedance (Equivalent)		Mega Ohms
Cn Pin Open		
Cn Short to SWn		
Auxiliary channel 1 Pin Open		
Auxiliary channel 2 Pin Open		
Measured result difference between Alternative path and Primary path is out of range		
Balancing Swtich Short		
Balancing Swtich Open		
Alternate reference voltage is out of range		
Vaa voltage is out of range		
Level-shift amplifier offset voltage is out of range		
Stuck ADC output bits verification with zero-scale		
Stuck ADC output bits verification with full-scale		
Multiplexer Open/Short verification with both HVMUX test current sources		
Measured result difference between Module voltage and Cell voltage summation		
Vhv - Vdcin > Vhvov		
Vhv < Vhvuv		
Die Temperature is over the upper limit		
Scanning for cell information is not complete		
ADC Data Path error		
Packet Error Check		
Power-on reset event occurred		
32kHz oscillator frequency is not within +/-5% of its expected value		
Same as Alrtosc1 (redundant alert)		

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

Die Temperature is over the upper limit		
Module number addressing is fail		
Alive counter is not matched to the expected value		
PEC Bits in Data-check byte error		
Vhv - V12 is too low		
Transmit data is not equal to read back data		
Engine Speed		rpm
Accelerator position		%
GPS_Date - Year		Year
GPS_Date - Month		
GPS_Date - Day		Days
UTC_Time - Hours		Hours
UTC_Time - Minutes		
UTC_Time - Seconds		seconds

HCP |

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

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

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
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		

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

PRND Position Display		
HCP System Shutdown Command		
PHEV Charging Status		
Distance Travelled with Light ON		miles
OBCM Operating Mode		
J1772 Prox Detected State		
BV 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		
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		
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		

HCP

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

Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
DTC Extended Data Record Number		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency 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		%
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 3 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Hybrid System State		
Outside Air Temperature		°F
Ignition State		
Propulsion System Active		
HV Contactor Status		
APM Status		
Impact Event		
PRND Position Display		
Distance Travelled with Light ON		miles
HV Battery Sleep Time		Days
eMotor A Shutdown History [0]		
eMotor A Shutdown History [1]		
eMotor A Shutdown History [2]		
eMotor A Fault History [0]		
eMotor A Fault History [3]		
eMotor A Fault History [4]		

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

eMotor A Fault History [5]			
eMotor B Shutdown History [0]			
eMotor B Shutdown History [1]			
eMotor B Shutdown History [2]			
eMotor B Fault History [0]			
eMotor B Fault History [1]			
eMotor B Fault History [3]			
eMotor B Fault History [4]			
eMotor B Fault History [5]			
eMotor A FA Speed or Position Fault Active			
eMotor A FA Motor Temperature Fault Active			
eMotor A FA inverter Temperature A Fault Active			
eMotor A FA inverter Temperature B Fault Active			
eMotor A FA inverter Temperature C Fault Active			
eMotor A FA DC Voltage Fault Active			
eMotor A FA Acceleration Fault Active			
eMotor A FA Rotor Temperature Fault Active			
eMotor A FA Capacitor Temperature Fault active			
eMotor A FA Current Sensor A Fault Active			
eMotor A FA Current Sensor B Fault Active			
eMotor A FA Current Sensor C Fault Active			
eMotor A FA Position Sensor Fault Active			
eMotor A FA DC Voltage Out of Range Fault Active			
eMotor A FA Reserved			
eMotor B FA Speed or Position Fault Active			
eMotor B FA Motor Temperature Fault Active			
eMotor B FA Inverter Temperature A Fault Active			
eMotor B FA Inverter Temperature B Fault Active			
eMotor B FA Inverter Temperature C Fault Active			
eMotor B FA HV input Current Fault Active			
eMotor B FA HV Input Voltage Fault Active			
eMotor B FA Acceleration Fault Active			
eMotor B FA Rotor Temperature Fault Active			
eMotor B FA Capacitor Temperature Fault Active			
eMotor B FA Current Sensor A Fault Active			
eMotor B FA Current Sensor B Fault Active			
eMotor B FA Current Sensor C Fault Active			
eMotor B FA Position Sensor Fault Active			
eMotor B FA DC Voltage Out of Range Fault Active			
eMotor B FA Reserved			
eMotor A Current Ia Max			
eMotor A Current Ia Min			

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

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eMotor A Torque command		Ft-Lbs
eMotor A Torque achieved		Ft-Lbs
eMotor A speed RPM		rpm
eMotor B Torque command		Ft-Lbs
eMotor B Torque achieved		Ft-Lbs
eMotor B Speed RPM		rpm
eMotor A Temperature Stator		°F
eMotor A Temperature Inverter Model		°F
eMotor A Temperature Inverter 0		°F
eMotor A Temperature Inverter 1		°F
eMotor A Temperature Inverter 2		°F
eMotor A Temperature Coolant Inlet		°F
eMotor A Temperature Coolant Outlet		°F
eMotor A Temperature PCB		°F
eMotor A Temperature Rotor		°F
eMotor A OS Runtime Seconds		sec
eMotor B OS Runtime Seconds		sec
eMotor B Temperature Stator		°F
eMotor B Temperature Inverter Model		°F
eMotor B Temperature Inverter 0		°F
eMotor B Temperature Inverter 1		°F
eMotor B Temperature Inverter 2		°F
eMotor B Temperature coolant Inlet		°F
eMotor B Temperature coolant outlet		°F
		°F
eMotor B Temperature Rotor		°F
eMotor A Lifetime Over Current w/o Over Voltage Events		
eMotor A Lifetime Over Current Events		
eMotor A Lifetime Over Voltage Events		
eMotor A Lifetime Max Voltage		Volts
eMotor A Lifetime Max Phase Current		
eMotor A Lifetime General Retry Events		
eMotor A Key Cycle Max Voltage		Volts
eMotor A Key Cycle Max phase Current		
eMotor A Key Cycle General Retry Events		
eMotor B Lifetime Over Current w/o Over Voltage Events		
eMotor B Lifetime Over Current Events		
eMotor B Lifetime Over Voltage Events		
eMotor B Lifetime Max Voltage		Volts
eMotor B Lifetime Max Phase Current		
eMotor B Lifetime General retry Events		
eMotor B key Cycle max Voltage		Volts
eMotor B key Cycle max Phase Current		
eMotor B key Cycle General Retry Events		

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eMotor A MTMR Fault Word		
eMotor B MTMR Fault Word		
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
UTC Time - Seconds		seconds
ECU Time - Milliseconds		ms

SNAPSHOT DATA SUMMARY

No Snapshot Data available for [REDACTED]

No Snapshot Data available for [REDACTED]

No Snapshot Data available for [REDACTED]

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