

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

CONFIGURATION 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]
[redacted]						

HCP	Hybrid Control Processor	CAN-C	[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	SERIAL NUMBER	CVNS
TCM	USA / USA	[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]	[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]		

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

ABSO	USA	[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]	

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

CONFIGURATION

TCM CONFIGURATION

NAME	VALUE	UNITS
Autostick/ERS On/Off Switch Equipped	[redacted]	
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	[redacted]	
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	[redacted]	
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		
WI4 Variable Valve Timing Equipped		
Clutch Interlock Switch Equipped		
ESIM Equipped		
Linear Purge Equipped		
Linear EGR Equipped		
Continuous Variable Transmission Equipped		
Direct Injection Equipped		
Secondary Fuel Pump Equipped		
Electronic Coolant Pump Equipped		
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		
WI4 Intake Flow Control Valve Equipped		

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Electric Coolant Valve Equipped	[redacted]	
Engine Oil Heater Cooler Equipped		
Transmission Oil Heater Equipped		
Electric Water Pump Equipped		
Rear Heater Equipped		
Starter Relay 2 Equipped		
Inrush Current Reduction Relay Equipped		
Active Grille Shutter Equipped		
Electronic Vacuum Pump Equipped		
Wide Range O2 Sensor 1/1 Equipped		
Wide Range O2 Sensor 2/1 Equipped		
MultiAir Equipped		
Engine Stop Start Equipped		
Viscosity Sensor Equipped		
Duty Cycle Purge Valve Equipped		
Electric Thermostat Heater Equipped		
Exhaust Cam 1 Equipped		
Intake Cam 1 Equipped		
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		

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VFS Actuators Available Indicator	[redacted]	
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		

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PTO System Equipped	[redacted]
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	
Fiat 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 PHEV Engine Pulse Calculation Equipped	
Throttle Inlet Temp Sensor Equipped	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	
Dual Fuel Pressure Sensor Equipped	
Brake Pedal Sensor Equipped	
Dual Fuel Tank Equipped	
PTO System Equipped	
Low Temp Radiator Coolant Pump Equipped	
Engine Idle Shutoff Equipped	
A/C Relay Powered from Engine Switched Battery	
CNG Large Gas Tank Equipped	
Cooled EGR Equipped	
Supercharger Equipped	
Hybrid MEC Shifter Equipped	
Dual Alternator 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	

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Dual Fuel Pressure Sensor Equipped	[redacted]	
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		
1.0 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

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ICS CONFIGURATION

NAME	VALUE	UNITS
Display Type (Base)	[redacted]	
Display Type (Mid)		
Display Type (High)		

RFH CONFIGURATION

NAME	VALUE	UNITS
PIN Successfully Programmed	[redacted]	
VIN Successfully Programmed		
Valid Key In Ignition		
Keyless Go		
Ignition system type connected		
e shifter present		

Auto Park Present	[redacted]
Secret Codes Programmed	[redacted]
Passive Entry	
RKE	
Module Configuration Status	
Remote Start Present	
SKIM 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	

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Back Up ECU Configuration 14	[redacted]
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	[redacted]	
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	[redacted]	
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		

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Passenger Occupant Detection Sensor	[redacted]	
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		

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HVAC CONFIGURATION

NAME	VALUE	UNITS
DualZone ATC Control (Factory) (BB)	[redacted]	

DualZone ATC Control (BB)	[redacted]	
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

PTS CONFIGURATION

NAME	VALUE	UNITS
Rear System with 6 Front Sensors	[redacted]	
Front System with 6 Rear Sensors		

SCCM CONFIGURATION

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

BCM CONFIGURATION

NAME	VALUE	UNITS
RBSM	[redacted]	
LBSM		
BCM (Interior Bus)		
HSM		
HVAC		
PTCM		
Radio		
ITM		

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AMP	[redacted]	
EDM		
HVAC_R		
TBM		
AHLM/AFLS		
ASCM		
BCM (PT)		
DTCM		
PCM		
EPS		
ESM		
ABS		
RFH		
IPC		
ORC		
PTS		
SCCM		
ELSD		
TCM		
TPM		
AFLS		
ITBM		
OCM		
DPDM		
SGW		
ASBS		
ANC		
Number of Reprogramming Attempts - Counter #0		
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 Netwo		
Programmed ECUs: Hybrid LAN Network		

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ECU Configuration 1 (CBC Configurable Inputs and Outputs)	[redacted]
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	MPH
Shifter Type	
Performance Pages Present	
Special Packages	
PTS Configuration	
Hill Descent Feature Present	
Select Speed Control Feature Present	
Power Inverter Type	

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

Thatcham Present	[redacted]	
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		PSI
Max Load Inflation Pressure Front Tire		PSI
Light Load Inflation Pressure Rear Tire		PSI
Police Lighting Feature		
Power Lift Gate Present		
Power Right Sliding Door Present		
Power Left Sliding Door Present		
RKE System Present		
Sunshade Present		
T Case Type		
Wheel Base		
FOBIK Safe Enable		
ELV Present		
Fuel Capacity		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		

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C. 552 (B) (6)

Base TPM system present	[redacted]	
Premium TPM system present		
Paddle Shift Feature Present		
Sport Mode Present		
Auto Park Present		
Passive Entry Present		
Keyless Go Present		
Transfer Case High Ratio		No Unit
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		
Steering Ratio at zero		No Unit
Steering Ratio at Positive Angle 1		No Unit
Steering Ratio at Positive Angle 2		No Unit
Steering Ratio at Positive Angle 3		No Unit
Steering Ratio at Positive Angle 4		No Unit
Steering Ratio at Positive Angle 5		No Unit
Analog Door Sensor Configuration		
Air Quality System Present		
Steering Ratio at Negative Angle 1		No Unit
Steering Ratio at Negative Angle 2		No Unit
Steering Ratio at Negative Angle 3		No Unit
Steering Ratio at Negative Angle 4		No Unit
Steering Ratio at Negative Angle 5		No Unit
Ambient Light Dimmer Wheel Input Present Pin G9		
Low Beam Output Present - Pin A3, D2		
Rear Wiper Motor Park Present Pin E29		
Left Rear Door Ajar Input Present - Pin F23		
Front Driver Analog Door Ajar Input Present Pin F9		
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		

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Diesel Cabin Heater #2 Output Present - Pin D9	[redacted]
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 A9	
Side Markers Output Present Pin A10 & D5	
Trailer Backup Lamps Output Present - Pin E23	
Reserved Pin F4	
UGDO 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	

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DRL Lamp Location	[redacted]
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	

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

Power Door Locks Present	[redacted]
Antenna Type	
CTP Max AC Present	
Hybrid Electric Powertrain Present	
Disable CD Eject	
DTV Front Camera Present	
DTV Side Camera Present	
Tow Hauk Present	
Hill Descent Control Present	
Audio Steering Wheel Switch Configuration	
Radio Display On/Off Softkey Present	
Microphone Tuning Parameter	
Microphone Configuration	
Microphone Type	
External Port Type	
Splashscreen Type	
ERS Available	
Rear Wheel Dually	
Max Gear	
Virtual Speedometer Units	
Speedometer Range Max Scale	
IC Config Feature	
PTO Present	
AMB Dimmer	
Heated Seat Present	
Split Shaft Present	
Manual Headlamp Leveling	
Gear Shift Indicator	
Service Interval	
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	

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S.C. 552 (B)(6)

Rear Door Pre Short Drop	[redacted]
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	

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C. 552 (B) (6)

Dual Filament Headlamp	[redacted]t	
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		
ASBM 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		

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Ultrasonics	[redacted]	
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		

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

TSBM Module Present	[redacted]
ADR feature Present	[redacted]
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	
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	

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

Lane departure warning customer settings menu	[redacted]	
Rear camera customer settings menu		
Rain sensitive wipers customer settings menu		
Power take off customer settings menu		
Pressure unit customer settings menu		
Power unit customer settings menu		
Power liftgate chime customer settings menu		
Performance shift enable customer settings menu		
Rear view camera delay customer settings menu		
RKE unlock customer settings menu		
Speed unit customer settings menu		
Tilt mirror in reverse customer settings menu		
Torque unit customer settings menu		
Teen Key Fuel Pop up Customer Settings Menu		
Teen Key Automatic High Beam Customer Settings Menu		
Passenger Airbag On/Off Customer Settings Menu		
Forward Collision Warning and Brake Customer Settings Menu		
Doors and Engine Off Power Delay Customer Settings Menu		
Radio Speaker Open Circuit Disable (LF)		
Radio Speaker Open Circuit Disable (RF)		
Radio Speaker Open Circuit Disable (LR)		
Radio Speaker Open Circuit Disable (RR)		
ANC Calibration Parameter Data Set		ms
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		

INFORMATION REDACTED PURSUANT TO THE FREEDO[redacted]T (FOIA), 5 U.S.C. 552 (B) (6)

RADIO CONFIGURATION

NAME	VALUE	UNITS
Satellite Subscription Status	[redacted]	
Reason Code	00	
Suspend Day	00	
Suspend Month	00	
Suspend Year	00	
Distortion Limiting	[redacted]	
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		

LBSS CONFIGURATION

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

RBSS CONFIGURATION

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

ABSO CONFIGURATION

NAME	VALUE	UNITS
Vehicle Line Identification	[redacted]	
Displacement		No Unit
Hybrid Type		
Trans Type		

SessionID # [redacted]

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Drive Configuration	[redacted]	
Chassis Type	[redacted]	
Axle Ratio		No Unit
Tire Circumference		inch

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DASM CONFIGURATION

NAME	VALUE	UNITS
ACC Present	[redacted]	
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	[redacted]	
VIN Original		
VIN Odometer Counter		
VIN Locked		
VIN Current		



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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]
[redacted]						

SessionID # [redacted]

HCP	Hybrid Control Processor	CAN-C	[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	SERIAL NUMBER	CVNS
TCM	USA / USA	[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]	[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]		

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ABSO	USA	[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]	

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DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
TCM	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]

ENVIRONMENTAL DATA SUMMARY

TCM | [redacted]

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

PCM | [redacted]

NAME	VALUE	UNITS
Number of DTC	0	
DTC		
DTC Readiness Flag		
DTC Storage State		
Warning Indicator Request State		
Odometer		miles
Accumulation Timer		minutes

Ignition Key Cycles		
Starts Since Set Counter		
Key Cycles Since DTC Last Set Counter		
Warm Up Cycles		
Good Trip Counter		

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BPCM | [redacted]

NAME	VALUE	UNITS
DTC	[redacted]	
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		
Occurrence flag		
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		
Contactor Status		
Plug in Status		
Balance Mode		
Vehicle Speed		MPH
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 - DriveRdy (CAN)	[redacted]	
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
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		%
Cell Impedance Max Discharge		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
HV Battery Current HVBatCrnt		Amps
HV Battery Voltage (cell sum)		Volts
HV Battery Voltage (Module Sum)		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
BPCM temperature min		°F

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Vehicle Isolation Impedance (Positive side)	[redacted]	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
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 - System Shutdown Command (CAN)		
HCP ePT LOC Diagnostics Enable (CAN)		
HCP Propulsion system active (CAN)		
HV Sensor- Pack Voltage (U BAT P - U BAT M)		Volts
HV Sensor DC Link Voltage (U DC LINK)		Volts
HV Sensor - main fuse Voltage (U MAIN P - U MAIN M) - U DC LINK		Volts
OBCM Fuse Voltage (U MAIN P U AUX FUSE)		Volts
APM Fuse Voltage (U MAIN P U AUX REL)		Volts
HV Sensor - Battery Voltage - Positive contactor (U BAT P)		Volts
HV Sensor Battery Voltage Negative contactor (U BAT M)		Volts
HV Sensor - Weld Contactor Voltage - Positive contactor (U MAIN P)		Volts
HV Sensor Weld Contactor Voltage Negative contactor (U MAIN M)		Volts
HV Sensor - U AUX FUSE		Volts
HV Battery Total Amp Hour Capacity (CAN)		AHr
HV Battery Pack Isolation state (CAN)		
HV Battery - Powertrain Isolation state (CAN)		
HV Sensor Pack Voltage VALIDITY (CAN)		
HV Battery Total Amp Hour Capacity VALIDITY (CAN)		
BPCM - MCU Reset Counter		
BPCM RAM Reset Counter		
BPCM - ROM Reset Counter		
BPCM Hall current sensor supply voltage (5VQT1)		Volts
BPCM - Precharge Penalty Timer (CAN)		seconds
BPCM - RTC Circuit Status		

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

BPCM - HVBat Sleep Time	[redacted]	seconds
BPCM System Mode		No Unit
BPCM - HV Battery pack contactor request (CAN)		
BPCM HV Battery Pack contactor Open (CAN)		
BPCM - HV Battery pack Contactor welded and impeded opening (CAN)		
BPCM - Crash Indication (CAN)		
BPCM Crash Indication VALIDITY (CAN)		
BPCM Retention Status		
BPCM Active weld check type		
BPCM - Current Category of Wearout Counter		
HV Contactor State - Positive Contactor		
HV Contactor State - Negative Contactor		
HV Contactor State - Precharge Contactor		
CSC Fault Cn Pin Open		
CSC Fault - Cn Short to SWn		
CSC Fault Auxiliary channel 1 Pin Open		
CSC Fault Auxiliary channel 2 Pin Open		
CSC Fault - Measured result difference between Alternative path and Primary path is out of range		
CSC Fault Balancing Switch Short		
CSC Fault - Balancing Switch Open		
CSC Fault Alternate reference voltage is out of range		
CSC Fault Vaa voltage is out of range		
CSC Fault - Level-shift amplifier offset voltage is out of range		
CSC Fault Stuck ADC output bits verification with zero scale		
CSC Fault - Stuck ADC output bits verification with full-scale		
CSC Fault Multiplexer Open/Short verification with single HVMUX test current source		
CSC Fault - Multiplexer Open/Short verification with both HVMUX test current sources		
CSC Fault - Measured result difference between Module voltage and Cell voltage summation		
CSC Fault Vhv < Vhvuv		
CSC Fault - Vhv - Vdcin > Vhvov		
CSC Fault Die Temperature is over the upper limit		
CSC Fault - Scanning for cell information is not complete		
CSC Fault - ADC Data Path error		
CSC Fault Packet Error Check		
CSC Fault - Power-on reset event occurred		
CSC Fault 32kHz oscillator frequency is not within +/ 5% of its expected value		
CSC Fault - Same as Alrtosc1(redundant alert)		
CSC Fault - Die Temperature is over the upper limit		
CSC Fault Module number addressing is fail		
CSC Fault - Alive counter is not matched to the exepected value		

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CSC Fault - PEC Bits in Data-check byte error	[redacted]	
CSC Fault Vhv V12 is too low		
CSC Fault - Transmit data is not equal to read back data		
CSC Diagnostics Initialization Status		
CSC Diagnostics - CSC #01 Status		
CSC Diagnostics - CSC #02 Status		
CSC Diagnostics CSC #03 Status		
CSC Diagnostics - CSC #04 Status		
CSC Diagnostics CSC #05 Status		
CSC Diagnostics - CSC #06 Status		
CSC Diagnostics CSC #07 Status		
CSC Diagnostics CSC #08 Status		
CSC Diagnostics - AFE Internal Operation Mode		
HVIL PWM Duty Cycle sink Vehicle		%
SBC Status		
Vref UV Flag		
Vref UV State		
5UV count @open		
5UV count @close		
12dip count @open		
12dip count @close		
Pos HSD Feedback Voltage		mV
Pos HSD Feedback Current		AMP
Neg HSD Feedback Voltage		mV
Neg HSD Feedback Current		AMP
OCM Value Mon Curr Enrg Val		Watt Hr
Retention Diagnosis Case		
Retention Diagnosis Flag		
Retention Diagnosis Status		

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

SNAPSHOT DATA SUMMARY

No Snapshot Data available for [redacted]

No Snapshot Data available for [redacted]

No Snapshot Data available for [redacted]