

[illegible]

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
TCM	USA / USA				
PCM	USA				
ICS	USA				
RFH	USA / USA				
ESM	USA				
ORC	USA				
EPS	USA				
HVAC	USA				
AMP	USA				
IPC	USA				
BCM	USA				
RADIO	USA				
OCM	USA				
BPCM	Rest of world / ROW				
HCP	USA				
AHCP	USA				
ABSO	USA				
SGW					
DPDM	USA				
IDCM	USA				

CONFIGURATION

TCM CONFIGURATION

NAME	VALUE	UNITS
ERS/Autostick/Tip Non-paddle on Shifter in D position equipped		
4WD with switchable Lo Range equipped		
FWD 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		
Overdrive Off or Tow Haul Mode Switch or Virtual Switch (Non-Terrain) Equipped		
ECO/Optimizer Switch Equipped		

Engine Start/Stop equipped	False	
Sport Mode Switch or Virtual Switch (Non-Terrain) Equipped		
Shifter with Low Mode Position Equipped		
Autostick/ERS On/Off Switch Equipped		
Paddle-Shift Switches Equipped		
RWD Equipped		
Long Learn Enabled		
AWD Equipped		
Polystable 6-shift (Cableless without return-to-center) 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		
Remote Start Present		
Engine Oil Pressure Sensor Type		
Hybrid MEC Shifter Equipped		
Engine Idle Shutoff Equipped		
Supercharger Equipped		
Cooled EGR Equipped		
HPT 6-Speed Trans Equipped		
PTO System Equipped		
Dual Fuel Tank Equipped		
Auxiliary Coolant Pump Equipped		
CNG 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 I4 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 1 Equipped		
Port Flap Valve Equipped		
Active Exhaust Valve Equipped		

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

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

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

O2 Sensor Bank 2 Sensor 1 Equipped

3.0 Liter V6 Engine

Brake Pedal Sensor Equipped

Wide Range O2 Sensor 2/1 Equipped

3.8 Liter V6 Engine

O2 Sensor Bank 2 Sensor 2 Equipped

MTV Solenoid Equipped

Barometric Sensor Equipped

62TE

Unleaded diesel fuel

WI4 Intake Flow Control Valve Equipped

CUSW PROXI Write Programming Support Enabled

ZF 9-Speed Transmission Equipped

Secondary Air Equipped

4.0 Liter I6 Engine

Auxiliary Heater Electric Water Pump Equipped

CUSW (11-Bit) Equipped

Shift Indicator Lamp Equipped

Sensorless FFV Enabled

INFORMATION NOT RELEASED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

Battery Temp Sensor Equipped			
Dual Stage Oil Pump Equipped			
TIP Equipped			
Coolant On-Off Pump Equipped			
Vehicle Speed Sensor #1 Calculated from CAN			
Power Steering Switch Equipped			
Active Grille Shutter Equipped			
6.1 Liter V8 Engine			
Adaptive Cruise Control Hardware Equipped			
Powernet Equipped			
6.4 Liter V8 Engine			
O2 Sensor Bank 1 Sensor 3 Equipped			
EMAT (Getrag DCT transmission) Equipped			
3.7 Liter V6 Engine			
Dual Fuel Pressure Sensor Equipped			
Turbine Volute Valve Actuator Equipped			
Exhaust Cam 1 Equipped			
Secondary Fuel Pump Equipped			
ETC Cruise equipped			
4.7 Liter V8 Engine			
Engine Idle Shutoff Equipped			
Variable Speed Fuel Pump Equipped			
Brushless PWM Fan Equipped			
Variable Displacement AC Equipped			
Police Package Equipped			
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			
Constant Heater Temperature Control Valve 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			

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

MDS Equipped		
5.7 Liter V8 Engine		
Electric Thermostat Heater Equipped		
Intake Cam 1 Equipped		
VLP Is Learnable Indicator		
AP Shutoff Valve Bank 2 Control Solenoid 2 Equipped		
Fan Wake Up Relay System Equipped		
CUSW (24 Bit) Equipped		
A/C Equipped		
Supercharger Equipped		
2 Speed Fan 3 Driver 2 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		
Yaw Rate Sensor ESC Equipped		
Electric Coolant Valve Equipped		
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		
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		

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

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		
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		

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

Mass Airflow System Equipped

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
Base TPM Present		
Full Size Matching Spare Tire Present		
Fob Location #3 Successfully Programmed		
Valid Key In Ignition		
Fob Location #4 Successfully Programmed		
Secret Key Sent to Body Controller - Most recent attempt		
Fob Location #7 Successfully Programmed		
Fob Location #8 Successfully Programmed		
Secret Key Sent to Body Controller - Original attempt		
Fob Location #1 Successfully Programmed		
RFHub Locked		
PIN Successfully Programmed		
Fob Location #6 Successfully Programmed		
Fob Location #2 Successfully Programmed		
Fob Location #5 Successfully Programmed		
Passive Entry		
TPMS Configuration		
Tire Pressure System		
Auto Park Present		
Module Configuration Status		
Secret Codes Programmed		
\$0214 Programmed by		
e-shifter present		
Selectable Tire Fill Alert		
TPM Auto-Locate Enabled		
RKE		
Ignition system type connected		
Remote Start Present		
Keyless Go		
Back Up Customer Settings Menu 1 (CSM1)		
Back Up Customer Settings Menu 2 (CSM2)		
Back Up Vehicle Config 1		
Back Up ECU Configuration 13		

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

Back Up Vehicle Config 5

Back Up ECU Configuration 2

Back Up Vehicle Config 2

Back Up ECU Configuration 10

Back Up Vehicle Config 6

Back Up Vehicle Config 7

Back Up ECU Configuration 3

Back Up ECU Configuration 4

Back Up Vehicle Config 4

Back Up ECU Configuration 14

Back Up ECU Configuration 11

Back Up ECU Configuration 6

Back Up ECU Configuration 17

Back Up Programmed ECUs: P/T Chassis Network

Back Up ECU Configuration 1

Back Up ECU Configuration 15

Back Up ECU Configuration 8

Back Up ECU Configuration 16

Back Up ECU Configuration 9

Back Up Programmed ECUs: Cabin Network

Back Up ECU Configuration 7

Back Up Vehicle Config 3

Back Up ECU Configuration 5

Hardware Configuration: Remote Start Antenna

Hardware Configuration: Front Left Door Handle H/W

Hardware Configuration: Trunk Door Handle H/W

Hardware Configuration: Rear Right Door Handle H/W

Hardware Configuration: Front Right Door Handle H/W

Hardware Configuration: Rear Left Door Handle H/W

ECU Ship Status

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	[REDACTED]	
Driver Seatbelt Retractor Pretensioner	[REDACTED]	
Passenger Seatbelt Anchor Pretensioner	[REDACTED]	
Driver Frontal Squib 2	[REDACTED]	
Left B-Pillar Impact Acceleration Sensor	[REDACTED]	
Right Side Door Pressure Sensor	[REDACTED]	
First Row Driver Seatbelt Buckle Switch	[REDACTED]	
First Row Passenger Seatbelt Buckle Switch	[REDACTED]	
Right B-Pillar Impact Acceleration Sensor	[REDACTED]	
Passenger Seatbelt Load Limiter	[REDACTED]	
Driver Frontal Squib 1	[REDACTED]	
Configuration Column Identifier	[REDACTED]	
Passenger Frontal Squib 3	[REDACTED]	
Second Row Left Seat Side Airbag	[REDACTED]	
Passenger Seat Track Position Sensor	[REDACTED]	
Right Up-Front Acceleration Sensor	[REDACTED]	
Second Row Center seat belt Switch	[REDACTED]	
Passenger Frontal Squib 2	[REDACTED]	
Passenger Frontal Squib 1	[REDACTED]	
EPPM	[REDACTED]	
Passenger Seatbelt Buckle Pretensioner	[REDACTED]	
Right Side Seat Squib 1	[REDACTED]	
Driver Seat Track Position Sensor	[REDACTED]	
Passenger Airbag Disable Indicator	[REDACTED]	
Driver Frontal Squib 4	[REDACTED]	
Left Curtain Squib 1	[REDACTED]	
Driver Seatbelt Anchor Pretensioner	[REDACTED]	
Passenger Seatbelt Retractor Pretensioner	[REDACTED]	
Second Row Right seat belt Switch	[REDACTED]	
Right C-Pillar Impact Acceleration Sensor	[REDACTED]	
Driver Frontal Squib 3	[REDACTED]	
Passenger Airbag Disable Switch	[REDACTED]	
Occupant Classification (OCM)	[REDACTED]	
Left Side Door Pressure Sensor	[REDACTED]	
Left D-Pillar Impact Acceleration Sensor	[REDACTED]	
Second Row Left seat belt Switch	[REDACTED]	
Driver Seatbelt Buckle Pretensioner	[REDACTED]	
Passenger Knee Bolster Squib	[REDACTED]	
Passenger Frontal Squib 4	[REDACTED]	
Right D-Pillar Impact Acceleration Sensor	[REDACTED]	
Left Up-Front Acceleration Sensor	[REDACTED]	
Driver Knee Bolster Squib	[REDACTED]	

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Second Row Right Seat Side Airbag

Rollover Sensing

Passenger Occupant Detection Sensor

Driver Seatbelt Load Limiter

Left Side Seat Squib 1

HVAC CONFIGURATION

NAME	VALUE	UNITS
DualZone ATC Control		
MTC Without EBL (3Knob)		
MTC heater only (3Knob)		
Single Zone MTC Control		
Dual Zone MTC Control		
DualZone ATC Control (Factory)		
MTC With EBL (3Knob)		

AMP CONFIGURATION

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

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

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

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		

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 Calibrations)		
ECU Configuration 10		
ECU Configuration 4		
ECU Configuration 2 (CBC Features)		
ECU Configuration 14		
ECU Configuration 15 (CBC Features)		
Last Configuration Odometer		
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		

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

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)

Vehicle Configuration 7 - Write Counter

Vehicle Configuration 5 - Write Counter

ECU Configuration 6 (Suspension)

ECU Configuration 13

Vehicle Config CSM2

Remote Start Present

Auto Highbeam

PTS Configuration

Vehicle Line

Maximum Vehicle Speed

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

Power Inverter Type

Full Size Spare

Rain Sensor Present

Max Load Inflation Pressure Rear Tire

Light Load Inflation Pressure Rear Tire

Air Conditioning Present

SKIM System Present

Cruise Feature is Present

Power Lift Gate Present

T-Case Type

Vehicle is an SRT

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

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		
ELV Present		
Power Left Sliding Door Present		
Sunshade Present		
Premium TPM system present		
Base TPM system present		
Auto Headlamp Feature Present		
Disable Display of Radio Clock		
Two Fuel Sending Units Present		
Wheel Base		
Collision Mitigation System present		
Passive Entry Present		
Sport Mode Present		
ESCL system present		
Secondary Lock Present		
Auto Park Present		
Adjustable Pedal Feature Present (non-Memory)		
Paddle Shift Feature Present		
Fuel Capacity		
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)		
Transfer Case High Ratio		
Transfer Case Low Range Reduction Ratio		
Axle Ratio		
Dual Rear Wheel (DRW) Vehicle Present		
Steering Ratio at Positive Angle 2		
Steering Ratio at Positive Angle 4		
Steering Ratio at zero		
Steering Ratio at Positive Angle 1		
Steering Ratio at Positive Angle 3		

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

Steering Ratio at Positive Angle 5		
Non-Regulated Tire Pressure Information System (TPIS) Present		
Air Quality System Present		
Analog Door Sensor Configuration		
Steering Ratio at Negative Angle 1		
Steering Ratio at Negative Angle 4		
Steering Ratio at Negative Angle 5		
Steering Ratio at Negative Angle 3		
Steering Ratio at Negative Angle 2		
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		
Right Dedicated DRL Lamp Output Present - Pin A22		
Diesel Cabin Heater #3 Output Present - Pin D10		
Reserved - Pin E21		
Reserved - Pin E15		
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		

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

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

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

Combined 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

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

DRL Dropout Enable		
Reversible Washer Pump Enable		
Bi Xenon Headlamps Enable		
CTP Max AC Present		
DTV Front Camera Present		
Microphone Type		
DAB Present		
VIN Check Digit Diable		
Hill Descent Control Present		
Disable CD Effect		
Audio Steering Wheel Switch Configuration		
Vehicle Theft Alarm Present		
Front Park Assist Present		
External Port Type		
Destination		
Cabin Equilization 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		
Rear Wheel Dually		
ERS Available		
AMB Dimmer		
Service Interval		
Temperature Celsius for UK		
Speedometer Range Max Scale		

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

Split Shaft Present

Max Gear

PTO Present

IC Config Feature

Virtual Speedometer Units

Heated Seat Present

Manual Headlamp Leveling

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

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

Brake System ECU Configuration B	[REDACTED]	
Wheel 18 inch overall ESC Maserati	[REDACTED]	
Brake System ECU Configuration A	[REDACTED]	
ECO Mode Configuration	[REDACTED]	
Dual Alternator Present	[REDACTED]	
CHMSL Lamp Output Disable	[REDACTED]	
Manual Door Locks Present	[REDACTED]	
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]	
Rain Sensor Module #2 Present	[REDACTED]	
Rear Fog Voltage	[REDACTED]	[REDACTED]
Front Fog Voltage	[REDACTED]	[REDACTED]
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]	
Acceleration Factor	[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]	[REDACTED]
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]	[REDACTED]
VTA Hood Ajar Monitoring	[REDACTED]	
Suspension Type	[REDACTED]	
AGS Feature Present	[REDACTED]	
Axle Locker Configuration	[REDACTED]	
PTC Present	[REDACTED]	

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

Park Brake Type		
Hybrid Type		
Transmission Equipped		
Glovebox Control		
Brake Type		
TPMS Configuration		
Temperature Display Resolution		
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		

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

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

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

Auto Headlamp Off Threshold	[REDACTED]	[REDACTED]
Right High Beam Voltage Regulation	[REDACTED]	
Tilt	[REDACTED]	
Siren	[REDACTED]	
Ultrasonics	[REDACTED]	
Manual Trans Present	[REDACTED]	
Washer Fluid Level Voltage Threshold	[REDACTED]	
Illuminated Approach Taillamp Target Percentage	[REDACTED]	
Illuminated Approach Headlamp Target Percentage	[REDACTED]	
IBS Present	[REDACTED]	
DC to DC Converter #2 Present	[REDACTED]	
EVIC Switch Module Present	[REDACTED]	
CRVMM Present	[REDACTED]	
Humidity Sensor Present	[REDACTED]	
Panic Enable	[REDACTED]	
Compass Mounting Orientation	[REDACTED]	
Auto Relock Time	[REDACTED]	[REDACTED]
DC to DC Converter Present	[REDACTED]	
Compass Mounting Angle	[REDACTED]	[REDACTED]
Illuminated Approach Interior Lighting Target Percentage	[REDACTED]	
Illuminated Approach Interior Lighting Ramp Up Time	[REDACTED]	
ASBM Present	[REDACTED]	
VTA System Present	[REDACTED]	
ASBMM Present	[REDACTED]	
Speedometer Tolerance	[REDACTED]	
Steering C Factor	[REDACTED]	
Increasing speed constant	[REDACTED]	
Tachometer Type	[REDACTED]	
Passenger Kneebag Present	[REDACTED]	
ODS Present	[REDACTED]	
Driver Kneebag Present	[REDACTED]	
BUX vehicle	[REDACTED]	
Integrated EPP Present	[REDACTED]	
2nd Row Seat Airbags Present	[REDACTED]	
Passive Ped Pro Present	[REDACTED]	
Curtain Airbags Present	[REDACTED]	
Tow Hooks Present	[REDACTED]	
Reserved	[REDACTED]	
Reserved	[REDACTED]	
ANC	[REDACTED]	
PCM	[REDACTED]	
OCM	[REDACTED]	
ASBS	[REDACTED]	
SGW	[REDACTED]	

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

ITBM		
ABS		
AFLS		
ORC		
AHLM/AFLS		
ESM		
DDM		
ELSD		
IPC		
TPM		
SCCM		
EPS		
ASCM		
DTCM		
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		

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

RADIO CONFIGURATION

NAME	VALUE	UNITS
Compass on the bus messaging Authorization	[REDACTED]	
GPS on the Bus messaging Authorization	[REDACTED]	
Satellite Subscription Suspend Day	[REDACTED]	
Satellite Subscription Reason Code	[REDACTED]	
Satellite Subscription Suspend Year	[REDACTED]	
Satellite Subscription Suspend Month	[REDACTED]	
Satellite Subscription Status	[REDACTED]	
Satellite Subscription ID	[REDACTED]	
Aux Jack	[REDACTED]	
USB Hubs Detected	[REDACTED]	[REDACTED]
SD Card Readers Detected	[REDACTED]	[REDACTED]
Enumerated USB Devices	[REDACTED]	[REDACTED]
DTV Short Term Configuration	-	
911 Button	[REDACTED]	
SDARS	[REDACTED]	
Internal CD Player	[REDACTED]	
Application Framework	[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]	
Clock Defeat	[REDACTED]	
Cabin EQ Curve Number Currently Used by Radio	[REDACTED]	
12/24 Time Selection	[REDACTED]	

ABSO CONFIGURATION

NAME	VALUE	UNITS
Trans Type	[REDACTED]	
Drive Configuration	[REDACTED]	
Displacement	[REDACTED]	[REDACTED]
Hybrid Type	[REDACTED]	
Vehicle Line Identification	[REDACTED]	
Chassis Type	[REDACTED]	
Axle Ratio	[REDACTED]	[REDACTED]
Tire Circumference	[REDACTED]	[REDACTED]

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

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
TCM	USA / USA	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PCM	USA	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ICS	USA	[REDACTED]	[REDACTED]	[REDACTED]	
RFH	USA / USA	[REDACTED]	[REDACTED]	[REDACTED]	
ESM	USA	[REDACTED]	[REDACTED]	[REDACTED]	
DTCM	USA	[REDACTED]	[REDACTED]	[REDACTED]	
ORC	USA	[REDACTED]	[REDACTED]	[REDACTED]	
EPS	USA	[REDACTED]	[REDACTED]	[REDACTED]	
HVAC	USA	[REDACTED]	[REDACTED]	[REDACTED]	
AMP	USA	[REDACTED]	[REDACTED]	[REDACTED]	
IPC	USA	[REDACTED]	[REDACTED]	[REDACTED]	
SCCM	USA	[REDACTED]	[REDACTED]	[REDACTED]	
BCM	USA	[REDACTED]	[REDACTED]	[REDACTED]	
RADIO	USA	[REDACTED]	[REDACTED]	[REDACTED]	
OCM	USA	[REDACTED]	[REDACTED]	[REDACTED]	
BPCM	Rest of world / ROW	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HCP	USA	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AHCP	USA	[REDACTED]	[REDACTED]	[REDACTED]	
ABSO	USA	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SGW		[REDACTED]	[REDACTED]	[REDACTED]	
DPDM	USA	[REDACTED]	[REDACTED]	[REDACTED]	
IDCM	USA	[REDACTED]	[REDACTED]	[REDACTED]	

[illegible]

ENVIRONMENTAL DATA SUMMARY

PCM | [REDACTED] | Active | [REDACTED]

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

PCM | [REDACTED] | [REDACTED]

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

PCM | [REDACTED]

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

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

Warm Up Cycles

Good Trip Counter

PCM

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

BCM

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

RADIO

NAME	VALUE	UNITS
DTCTable		
TestFailed		
TestFailedThisMonitoringCycle		
Pending DTC		
Confirmed DTC		
Test Not Completed This Monitoring Cycle		
Warning Indicator Requested		

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

DTCExtendedDataRecordNumber		
Occurance Flag		
Reserved		
Original Odometer Value		
Most Recent Odometer Value		
Frequency Counter		
Ignition Counter		
RD496080		
Event Counter		

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		
Occurrence flag		
Original Odometer Value		
Most Recent Odometer Value		
Frequency Counter		
Ignition Cycle Counter		
FoM - for this DTC (lifetime fails)		
FoM - for this DTC (lifetime fails counts on pass)		
FoM - for this DTC (lifetime longest fail on pass)		
Battery Total Time Awake		
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		
System (12) Volts at time of fault		
Battery Lifetime AmpHrs of Charge		
Battery Lifetime AmpHrs of DisCharge		
HVIL Status -Vehicle		
Cycles left to self heal		

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

HV Battery Charge Power 2sec		
HV Battery Charge Power 10sec		
HV Battery Discharge Power 2sec		
HV Battery Discharge Power 10sec		
Key - DriveRdy (CAN)		
Battery Lifetime Number Of Closes		
Battery Full AmpHr Capacity		
Battery Cell Voltage Maximum		
Battery Cell Voltage Minimum		
Battery Cell Voltage Average		
Battery Temperature Maximum Module		
Battery Temperature Minimum Module		
Battery Temperature Average Module		
Battery Temperature Number of Failing Sensors		
DTC Extended Data Record Number - All		
DTC Extended Data Record Number		
HV Battery Charge Power 30sec		
HV Battery Discharge Power 30sec		
Key Position		
SOC		
HV Bat SOH-R		
HV Bat SOH-C		
Cell Impedance Max Discharge		
Cell Impedance Min Discharge		
HVIL Status - Battery pack		
HVIL PWM Duty Cycle source - Vehicle		
HVIL PWM Duty Cycle Sink - Battery		
HVIL PWM Duty Cycle Source - Battery		
HVIL PWM Duty Cycle Sink - Battery		
HVIL PWM Frequency source - Vehicle		
HVIL PWM Frequency Sink - Vehicle		
HVIL PWM Frequency Source - Battery		
HVIL PWM Frequency Sink - Battery		
HVIL Returned current - Vehicle		
HVIL Returned current - Battery		
Battery Cell Highest Cell number		
Battery Cell Lowest Cell number		
HV Battery Current Sensor Primary		
HV Battery Current Sensor Secondary		
HV Battery Current HVBatCrnt		
HV Battery Voltage (cell sum)		
HV Battery Voltage (Module Sum)		
HV Sensor-Pack Voltage		
HV Sensor -DC Link Voltage		

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

HV Sensor -main fuse Voltage		
HV Sensor- IDCM fuse Voltage		
HV Sensor - Heater fuse Voltage		
Battery Temperature Highest Sensor number		
Battery Temperature Lowest Sensor number		
HV Cooling Battery coolant inlet temp		
HV Cooling Battery coolant outlet temp		
BPCM temperature max		
BPCM temperature min		
Vehicle Isolation Impedance (Positive side)		
Vehicle Isolation Impedance (Negative side)		
Vehicle Isolation Impedance (Equivalent)		
Battery Isolation Impedance (Positive side)		
Battery Isolation Impedance (Negative side)		
Battery Isolation Impedance (Equivalent)		
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 Switch Short		
Balancing Switch 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 single HVMUX test current source		
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)		
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		

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

Transmit data is not equal to read back data

Engine Speed

Accelerator position

GPS_Date - Year

GPS_Date - Month

GPS_Date - Day

UTC_Time - Hours

UTC_Time - Minutes

UTC_Time - Seconds

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		
Occurrence flag		
Original Odometer Value		
Most Recent Odometer Value		
Frequency Counter		
Ignition Cycle Counter		
FoM - for this DTC (lifetime fails)		
FoM - for this DTC (lifetime fails counts on pass)		
FoM - for this DTC (lifetime longest fail on pass)		
Battery Total Time Awake		
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		
System (12) Volts at time of fault		
Battery Lifetime AmpHrs of Charge		
Battery Lifetime AmpHrs of DisCharge		
HVIL Status -Vehicle		
Cycles left to self heal		

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

HV Battery Charge Power 2sec		
HV Battery Charge Power 10sec		
HV Battery Discharge Power 2sec		
HV Battery Discharge Power 10sec		
Key - DriveRdy (CAN)		
Battery Lifetime Number Of Closes		
Battery Full AmpHr Capacity		
Battery Cell Voltage Maximum		
Battery Cell Voltage Minimum		
Battery Cell Voltage Average		
Battery Temperature Maximum Module		
Battery Temperature Minimum Module		
Battery Temperature Average Module		
Battery Temperature Number of Failing Sensors		
DTC Extended Data Record Number - All		
DTC Extended Data Record Number		
HV Battery Charge Power 30sec		
HV Battery Discharge Power 30sec		
Key Position		
SOC		
HV Bat SOH-R		
HV Bat SOH-C		
Cell Impedance Max Discharge		
Cell Impedance Min Discharge		
HVIL Status - Battery pack		
HVIL PWM Duty Cycle source - Vehicle		
HVIL PWM Duty Cycle Sink - Battery		
HVIL PWM Duty Cycle Source - Battery		
HVIL PWM Duty Cycle Sink - Battery		
HVIL PWM Frequency source - Vehicle		
HVIL PWM Frequency Sink - Vehicle		
HVIL PWM Frequency Source - Battery		
HVIL PWM Frequency Sink - Battery		
HVIL Returned current - Vehicle		
HVIL Returned current - Battery		
Battery Cell Highest Cell number		
Battery Cell Lowest Cell number		
HV Battery Current Sensor Primary		
HV Battery Current Sensor Secondary		
HV Battery Current HVBatCrnt		
HV Battery Voltage (cell sum)		
HV Battery Voltage (Module Sum)		
HV Sensor-Pack Voltage		
HV Sensor-DC Link Voltage		

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

HV Sensor -main fuse Voltage		
HV Sensor- IDCM fuse Voltage		
HV Sensor - Heater fuse Voltage		
Battery Temperature Highest Sensor number		
Battery Temperature Lowest Sensor number		
HV Cooling Battery coolant inlet temp		
HV Cooling Battery coolant outlet temp		
BPCM temperature max		
BPCM temperature min		
Vehicle Isolation Impedance (Positive side)		
Vehicle Isolation Impedance (Negative side)		
Vehicle Isolation Impedance (Equivalent)		
Battery Isolation Impedance (Positive side)		
Battery Isolation Impedance (Negative side)		
Battery Isolation Impedance (Equivalent)		
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 Switch Short		
Balancing Switch 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 single HVMUX test current source		
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)		
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		

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

Transmit data is not equal to read back data

Engine Speed

Accelerator position

GPS_Date - Year

GPS_Date - Month

GPS_Date - Day

DTC_Time - Hours

DTC_Time - Minutes

DTC_Time - Seconds

ABS

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		
Occurrence flag		
Controller Event		
Mirror Memory		
Undervoltage Suspected		
Original Odometer Value		
Most Recent Odometer Value		
Frequency Counter		
Ignition Cycle Counter		
Fault Time		
Current System Mode		
Previous System Mode		
Wheel Speed Left Front		
Rotation Direction Left Front		
Wheel Speed Right Front		
Rotation Direction Right Front		
Wheel Speed Left Rear		
Rotation Direction Left Rear		
Wheel Speed Right Rear		
Rotation Direction Right Rear		
Steering Wheel Angle		
Longitudinal Acceleration		
Yaw Rate		
Supplier Internal Code		

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (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]

No Snapshot Data available for [REDACTED]

No Snapshot Data available for [REDACTED]

No Snapshot Data available for [REDACTED]

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)