



INFORMATION

[REDACTED]

[REDACTED]

11/11/2016

NAME	BUS TYPE
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IT TO THE FREEDOM OF INFORMATION ACT

██████████ # ██████████ - ██████████ - ██████████

(B) (6)

INFORMATION

REACTED

WARRANT TO THE

FEDOM OF IN

FORMATION

5 U.S.C.

552 (B) (6)

CONFIGURATION

CONFIGURATION

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

PCM CONFIGURATION

NAME	VALUE
AC Equipped	
AC Equipped Over Bus	
Power Steering Switch Equipped	
4 Integrated Cruise Control	
EMAT (Getrag DCT transmission) Equipped	
Vehicle Speed Sensor #1 Calculated from CAN	
Police Package Equipped	
Unleaded Gasoline Fuel	
Unleaded diesel fuel	
V8 Engine	
4 Speed Transmission Equipped	
Electronic Transmission Equipped	
Vehicle Speed Sensor #1 Calculated by ECU	
V8 Engine	
V8 Engine	
V8 Engine	

Sensorless FFV Enabled

Electronic Throttle Control Equipped

Engine

V6 Engine

V6 Engine

Engine

Engine

Engine

V6 Engine

MTV Solenoid Equipped

MDS Equipped

Turbocharger Equipped

SRV Equipped

Secondary Air Equipped

Shift Indicator Lamp Equipped

Barometric Sensor Equipped

TIP Equipped

Battery Temp Sensor Equipped

Knock Sensor 1 Equipped

Knock Sensor 2 Equipped

W14 Variable Valve Timing Equipped

Clutch Interlock Switch Equipped

ESIM Equipped

Linear Purge Equipped

Linear EGR Equipped

Continuous Variable Transmission Equipped

Direct Injection Equipped

Secondary Fuel Pump Equipped

Electronic Coolant Pump Equipped

O2 Sensor Bank 1 Sensor 1 Equipped

O2 Sensor Bank 1 Sensor 2 Equipped

O2 Sensor Bank 1 Sensor 3 Equipped

O2 Sensor Bank 2 Sensor 1 Equipped

O2 Sensor Bank 2 Sensor 2 Equipped

Fixed displacement AC Equipped

W14 Intake Flow Control Valve Equipped

Electric Coolant Valve Equipped

Engine Oil Heater Cooler Equipped

Transmission Oil Heater Equipped

Electric Water Pump Equipped

Rear Heater Equipped

INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

Starter Relay 2 Equipped
 Inrush Current Reduction Relay Equipped
 Active Grille Shutter Equipped
 Electronic Vacuum Pump Equipped
 Wide Range O2 Sensor Equipped
 Wide Range O2 Sensor 2/1 Equipped
 Multi Air 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
 WI4 engine
 WI4 engine
 WI4 engine
 Engine
 Tumble Generator Valve Equipped
 Hybrid Electric Vehicle Equipped
 Dual Speed Fuel Pump Equipped
 Exhaust Cam 2 Equipped
 Intake Cam 2 Equipped
 1 Speed Fan Mechanical Relay System Equipped
 2 Speed Fan Mechanical Relay System Equipped
 2 Speed Fan PWM Relay System Equipped
 Linear PWM Fan Relay System Equipped
 PWM Fan Motor System Equipped
 3 Speed Fan Mechanical Relay System Equipped
 Fan Wake Up Relay System Equipped
 2 Speed Fan 3 Driver 3 Relay System Equipped
 /
 /
 /
 VLP Is Learnable Indicator
 VLP Equipped Indicator
 VFS Actuators Available Indicator
 ERS Equipped Indicator
 Engine Software In Package
 Transmission Software Included
 ICC Cruise Equipped

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ETC Cruise equipped
 Adaptive Cruise Control Equipped
 A/C Equipped
 Adaptive Cruise Control Hardware Equipped
 DUAL_ALTERNATOR_GEN1_LEARNEDCOPY
 COOLCONFIG Oil Pressure ABS Equipped
 Equipped
 Equipped
 Equipped
 Cummins Equipped
 Equipped
 VMM Equipped
 Powernet Equipped
 () Equipped
 Equipped
 Next Gen Bus Equipped
 Constant Heater Temperature Control Valve Equipped
 High Side Port Tumble Valve Equipped
 CMC Equipped
 Turbine Volute Valve Actuator Equipped
 Equipped
 Active Exhaust Valve Equipped
 Active Exhaust Pressure Sensor Equipped
 Engine Idle Shutoff Equipped
 Aisin 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
 PROXI Write Programming Support Enabled
 Active Engine Mount Equipped
 ZF 9 Transmission Equipped
 HPT Transmission Equipped
 Variable Speed Fuel Pump Equipped
 Operator Idle Speed Request Equipped
 PTO System Equipped
 Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped
 Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped
 Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped
 Dual Stage Oil Pump Equipped

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Auxiliary Coolant Pump Equipped

Trans Skip Shift Equipped

Trans Lockout Equipped

Port Flap Valve Equipped

Brushless PWM Fan Equipped

Engine

Primary Lin Alternator Equipped

Coolant On-Off Pump Equipped

Oil Pressure Sensor Enabled

VIN Learning Strategy Equipped

Dual Fuel Tank Equipped

Yaw Rate Sensor ESC Equipped

I3 Engine

Coolant On-Off Valve Equipped

Buffered Crank Output for ANC (Active Noise Cancellation) Equipped

Buffered Crank Output for PHEV Engine Pulse Calculation Equipped

Throttle Inlet Temp Sensor Equipped

Humidity, Temperature and Pressure Sensor 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

Trans Equipped

Trans Equipped

CUSW Cruise Equipped

Power Steering Angle Sensor Mandatory

Throttle Inlet Temp Sensor Equipped

Humidity, Temp, and Pressure Sensor Equipped

Dual Fuel Pressure Sensor Equipped

Brake Pedal Sensor Equipped

Clutch Sensor Equipped

SWAP HARDWIRED BRAKE SWITCH INPUTS

Mass Airflow System Equipped

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Bi-Directional Crank Sensor Equipped

Cruise (LIN) Equipped

Operator Idle Speed Request Equipped

EQUIPPED

Cylinder Pressure Sensor Equipped

Make Up Air Sensor Equipped

Active Exhaust Pressure Sensor Equipped

Secondary Mass Airflow Sensor Equipped

1.5 Engine

Engine

Variable Valve Lift Equipped

Coolant On-Off Pump Equipped

Primary Lin Alternator Equipped

Electronic Parking Brake Equipped

Active Exhaust Valve(s) Equipped

Mechanical Coolant Pump Equipped

Aux Coolant Pump Heater Equipped

Heater Temp Control Valve Equipped

High Side Port Tumble Valve Equipped

Wastegate HBridge Equipped

Remote Start Present

Engine Oil Pressure Sensor Type

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
PIN Successfully Programmed		
VIN Successfully Programmed		
Valid Key In Ignition		
Keyless Go		
Ignition system type connected		
e-shifter present		
Auto Park Present		
Secret Codes Programmed		
Passive Entry		
RKE		
Module Configuration Status		

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Remote Start Present

Programmed by

Hardware Configuration: Remote Start Antenna

Hardware Configuration: Front Left Door Handle H/W

Hardware Configuration: Front Right Door Handle H/W

Hardware Configuration: Rear Left Door Handle H/W

Hardware Configuration: Rear Right Door Handle H/W

Hardware Configuration: Trunk Door Handle H/W

RFHub Locked

Fob Location #1 Successfully Programmed

Fob Location #2 Successfully Programmed

Fob Location #3 Successfully Programmed

Fob Location #4 Successfully Programmed

Fob Location #5 Successfully Programmed

Fob Location #6 Successfully Programmed

Fob Location #7 Successfully Programmed

Fob Location #8 Successfully Programmed

Back Up Vehicle Config 1

Back Up Vehicle Config 2

Back Up Vehicle Config 3

Back Up Vehicle Config 4

Back Up Vehicle Config 5

Back Up Vehicle Config 6

Back Up Vehicle Config 7

Back Up ECU Configuration 1

Back Up ECU Configuration 2

Back Up ECU Configuration 3

Back Up ECU Configuration 4

Back Up ECU Configuration 5

Back Up ECU Configuration 6

Back Up ECU Configuration 7

Back Up ECU Configuration 8

Back Up ECU Configuration 9

Back Up ECU Configuration 10

Back Up ECU Configuration 11

Back Up ECU Configuration 12

Back Up ECU Configuration 13

Back Up ECU Configuration 14

Back Up ECU Configuration 15

Back Up ECU Configuration 16

Back Up ECU Configuration 17

Back Up Customer Settings Menu 1 (CSM1)

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Back Up Customer Settings	2	
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		
Flt Size Matching Spare Tire Present		
ECU Ship Status		
Tire Pressure System		
Selectable Tire Pn Alert		
TPM Auto-Locate Enabled		
TPMS Configuration		

DTCM CONFIGURATION

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

ORC CONFIGURATION

NAME	VALUE	UNITS
Rollover Sensing		
EPPM		
Occupant Classification (OCM)		
Driver Seatbelt Buckle Switch		
Passenger Seatbelt Buckle Switch		
Left seat belt Switch		
Second Row Center seat belt Switch		
Second Row Right seat belt Switch		
Driver Seat Track Position Sensor		
Passenger Seat Track Position Sensor		
Passenger Occupant Detection Sensor		
Passenger Airbag Disable Switch		
Passenger Airbag Disable Indicator		
Driver Frontal Squib 1		
Driver Frontal Squib 2		

Driver Frontal Squib 3		
Passenger Frontal Squib 1		
Passenger Frontal Squib 2		
Passenger Frontal Squib 3		
Driver Knee Bolster Squib		
Passenger Knee Bolster Squib		
Driver Seatbelt Retractor Pretensioner		
Passenger Seatbelt Retractor Pretensioner		
Driver Seatbelt Load Limiter		
Passenger Seatbelt Load Limiter		
Driver Seatbelt Anchor Pretensioner		
Passenger Seatbelt Anchor Pretensioner		
Driver Seatbelt Buckle Pretensioner		
Passenger Seatbelt Buckle Pretensioner		
Left Curtain Squib 1		
Right Curtain Squib 1		
Left Side Seat Squib 1		
Right Side Seat Squib 1		
Left Seat Side Airbag		
Second Row Right Seat Side Airbag		
Driver Frontal Squib 4		
Passenger Frontal Squib 4		
Left Up-Front Acceleration Sensor		
Right Up-Front Acceleration Sensor		
Right B-Pillar Impact Acceleration Sensor		
Left B-Pillar Impact Acceleration Sensor		
Left C-Pillar Impact Acceleration Sensor		
Right C-Pillar Impact Acceleration Sensor		
Right D-Pillar Impact Acceleration Sensor		
Left D-Pillar Impact Acceleration Sensor		
Left Side Door Pressure Sensor		
Right Side Door Pressure Sensor		
Configuration Column Identifier		

HVAC CONFIGURATION

NAME	VALUE	UNITS
DualZone ATC Control (Factory) (BB)		
DualZone ATC Control (BB)		
Dual Zone MTC Control (BB)		
Single Zone MTC Control (BB)		
MTC With ()		
MTC Without ()		

heater only ()

AMP CONFIGURATION

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

IPC CONFIGURATION

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

SCCM CONFIGURATION

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

BCM CONFIGURATION

NAME	VALUE	UNITS
RBSM		

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

LBSM

BCM (Interior Bus)

HSM

HVAC

PTCM

Radio

ITM

AMP

EDM

HVAC_R

TBM

AHLM/AFLS

ASCM

BCM (PT)

DTCM

PCM

EPS

ESM

ABS

RFH

IPC

ORC

PTS

SCCM

ELSD

TCM

TPM

AFLS

ITBM

OCM

DPDM

SGW

Number of Reprogramming Attempts - Counter

Vehicle Configuration Programmed Status

Last Programmed Status

Last Configuration Odometer

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

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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

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

Shifter Type	[REDACTED]	
Performance Pages Present	[REDACTED]	
Special Packages	[REDACTED]	
PTS Configuration	[REDACTED]	
Hill Descent Feature Present	[REDACTED]	
Select Speed Control Feature Present	[REDACTED]	
Power Inverter Type	[REDACTED]	
Thatcham Present	[REDACTED]	
Rain Sensor Present	[REDACTED]	
[REDACTED] System Present	[REDACTED]	
Air Conditioning Present	[REDACTED]	
Cruise Feature is Present	[REDACTED]	
Flipper Glass Present	[REDACTED]	
Full Size Spare	[REDACTED]	
Off Road Capable	[REDACTED]	
Special Packages	[REDACTED]	
Max Load Inflation Pressure Rear Tire	[REDACTED]	
Max Load Inflation Pressure Front Tire	[REDACTED]	
Light Load Inflation Pressure Rear Tire	[REDACTED]	
Police Lighting Feature	[REDACTED]	
Power Lift Gate Present	[REDACTED]	
Power Right Sliding Door Present	[REDACTED]	
Power Left Sliding Door Present	[REDACTED]	
[REDACTED] System Present	[REDACTED]	
Sunshade Present	[REDACTED]	
T-Case Type	[REDACTED]	
Wheel Base	[REDACTED]	
FOBIK Safe Enable	[REDACTED]	
[REDACTED] Present	[REDACTED]	
Fuel Capacity	[REDACTED]	
Window Express Feature Configuration	[REDACTED]	
Adjustable Pedal Feature Present (non-Memory)	[REDACTED]	
Auto Headlamp Feature Present	[REDACTED]	
Door Alert Feature Present	[REDACTED]	
[REDACTED] Present	[REDACTED]	
Vehicle is an SRT	[REDACTED]	
Disable Display of Radio Clock	[REDACTED]	
Chassis Type	[REDACTED]	
Display Outside Temperature Present	[REDACTED]	
HVAC Configuration	[REDACTED]	
Vehicle Brand	[REDACTED]	
Display Compass Heading Present	[REDACTED]	

Vehicle Feature	Value	Unit
Liftgate/Trunk Type	[REDACTED]	
Collision [REDACTED] System present	[REDACTED]	
Forward Collision Warning present	[REDACTED]	
Base [REDACTED] system present	[REDACTED]	
Premium [REDACTED] system present	[REDACTED]	
Paddle Shift Feature Present	[REDACTED]	
Sport Mode Present	[REDACTED]	
Auto Park Present	[REDACTED]	
Passive Entry Present	[REDACTED]	
Keyless Go Present	[REDACTED]	
Transfer Case High Ratio	[REDACTED]	No Unit
Axle Ratio	[REDACTED]	
Transfer Case Low Range Reduction Ratio	[REDACTED]	
Dynamic Tire Circumference (All or Rear)	[REDACTED]	[REDACTED]
Dual Rear Wheel (DRW) Vehicle Present	[REDACTED]	
[REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	No Unit
[REDACTED]	[REDACTED]	No Unit
[REDACTED]	[REDACTED]	No Unit
[REDACTED]	[REDACTED]	No Unit
[REDACTED]	[REDACTED]	No Unit
[REDACTED]	[REDACTED]	No Unit
[REDACTED]	[REDACTED]	No Unit
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	No Unit
[REDACTED]	[REDACTED]	No Unit
[REDACTED]	[REDACTED]	No Unit
[REDACTED]	[REDACTED]	No Unit
[REDACTED]	[REDACTED]	No Unit
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	

Hard Top Sense Present -	
Reserved -	
Reserved - Pin	
Passenger Door Ajar Signal Present - Pin	
Reserved - Pin	
Reserved -	
Starter Relay Lowside Coil Drive - Pin D7	
Diesel Cabin Heater #2 Output Present - Pin D9	
Diesel Cabin Heater #3 Output Present - Pin	
Diesel Cabin Heater #1 Output Present - Pin	
Right Dedicated DRL Lamp Output Present - Pin	
Left Dedicated DRL Lamps Output Present - Pin	
Flipper Glass #2 Output Present	
Foot Well Lamps Output Present - Pin	
Front Fog Lamps Output Present - Pin #1 &	
Inverter Enable Relay Output Present - Pin	
Reserved -	
Gated Park ZFII Output Present - Pin D-	
Reserved - Pin	
Rear Fog Lamps Output Present - Pin &	
Rear Park Lamps Output Present - Pin &	
Rear Turn Lamps Output Present - Pin &	
Run-ACC Y Relay #2 Output Present - Pin	
Side Markers Output Present - Pin &	
Trailer Backup Lamps Output Present - Pin	
Reserved - Pin F4	
UGDO Feed Output Present - Pin	
Warning LED Output Present - Pin	
Park Brake Input Present - Pin	
Ambient Temperature Sensor Present - Pin	
Tip Start Enabled	
Dual Start Relay System Present	
Wiper Service Position Enabled	
Trailer Tow Present	
Quad Headlamps Enable	
Horn Chirp Allowed	
Bi Xenon Headlamps Enable	
Hazard Lamp Configuration	
Park Lamp Loadshed Enable	
Front Fog Lamp Dropout Enable	
Combined Rear Lighting Enable	
Side Repeaters Enable	

Lane Change

Exterior Light Loadshed Enable

Front Wiper Park Enable

Rear Wiper Park Enable

Reversible Washer Pump Enable

Tail Lamp

DRL Configuration

DRL Lamp Location

DRL Dropout Enable

Tunnel Detection

Military Vehicle Present

LED Reverse Lamps Present

LED Stop Lamps Present

LED Rear Turn Lamps Present

LED Tail Lamps Present

LED Rear Fog Lamps Present

LED License Lamps Present

LED Front Turn Lamps Present

LED Front Fog Lamps Present

LED Dedicated DRL Present

LED Low Beam Lamps Present

LED High Beam Lamps Present

LED Front Park/Marker Lamps Present

Door Lock Switch Signal FT LT Usage (F9)

Door Lock Switch Signal FT RT Usage (F23)

Headlamp Wash Interval

Headlamp Wash Shot

Front Wiper Wipes After Wash

Headlamp Washer Low Fluid Shut-Off Enable

Intermittent Wiper States

LED CHMSL Lamp Present

Rear Camera Present

Power Inverter Present

Front Park Assist Present

Front Heated Seats Present

Front Ventilated Seats Present

Destination

Cabin Equilization Curve Number

Hill Start Assist Customer Setting Option Present

Radio Apps Present

CTP Easy Entry Enable

CTP Passive Entry Present

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CTP Auto Lock Disable

SDAR Travel Link Present

B Present

Vehicle Theft Alarm Present

Heated Steering Wheel Present

VIN Check Digit Diabie

Surround Sound Feature Present

Power Door Locks Present

Antenna Type

CTP Max AC Present

Hybrid Electric Powertrain Present

Disable CD Eject

DTV Front Camera Present

DTV Side Camera Present

Tow Haul Present

Hill Descent Control Present

Audio Steering Wheel Switch Configuration

Radio Display On/Off Softkey Present

Microphone Tuning Parameter

Microphone Configuration

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

Dimmer

Heated Present

Split Shaft Present

Manual Headlamp Leveling

Gear Shift Indicator

Service Interval

Temperature Celsius for UK

Type of Gallons

Tip Start Present

5 Trunk Lock

Airport Scenario Trunk Set

1 Left Front

Front		
Left Rear		
Right Rear		
Global Up		
Global Down		
Sun Shade		
Puddle Lamp Present		
Rear Door Pre Short Drop		
Passenger Window Lockout		
Auto Power Folding Mirrors Present		
Folding mirrors present		
Heated Mirrors Present		
Mirror turn signals present		
Driver Memory Mirrors Present		
Passenger Memory Mirror Present		
Electro-chromatic driver mirror present		
Electro-chromatic passenger mirror present		
Tow Mirror Present		
Blindspot Mirror Present		
Window Motor Type		
Window Hall Sensors Present		
Frameless Window Present		
Memory Adjustable Pedals Present		
Tilt/Telescope Steering Present		
Memory Seat Present		
Rear Heated Seats Present		
Front Vented Seats Present		
Heated Steering Wheel Present		
Heated Seat Material Type		
Heated Wheel Material Type		
Rear Vented Seats Present		
Front Heated Seat Present		
Brake System ECU Configuration A		
Wheel 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		

Present		
2nd Ro Present		
Reserved		
Reserved		
Integrated EPP Present		
BUX vehicle		
Signature Light Present		
Dual Mount Headlamp		
Front Turn Lamp Diagnostics		
Auto Headlamp On Threshold		
Auto Headlamp Off Threshold		
Left Low Beam Voltage Regulation		
Left High Beam Voltage Regulation		
Right Low Beam Voltage Regulation		
Right High Beam Voltage Regulation		
Left Front Corner Voltage		
Right Front Corner Voltage		
Left Rear Corner Voltage		
Right Rear Corner Voltage		
Panic Enable		
Compass Mounting Orientation		
Washer Fluid Level Voltage Threshold		
IBS Present		
M Present		
Humidity Sensor Present		
Manual Trans Present		
DC to DC Converter Present		
M Present		
Auto Relock Time		
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		
Switch Module Present		
Compass Mounting Angle		
Backup Reverse Lamp Left Present - Pin F41		
Backup Reverse Lamp Right Present - Pin E1		
Stop/Turn Lamp or Stop Lamp Present Pin &		
Left High Beam Present - Pin D1		

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Right High Beam Present - Pin A2

Left Front Lamp Diagnostics Present - Pin

Right Front Lamp Diagnostics Present - Pin

Left Rear Turn Lamp Diagnostics Present - Pin

Right Rear Turn Lamp Diagnostics Present - Pin

Brake Fluid Level Switch Signal Present - Pin

Steering

Ultrasonics

Tilt

Swing Gate Lock Present - Pin

Swing Gate Unlock Present - Pin

Front Fog Voltage

Rear Fog Voltage

CHMSL Lamp Output Disable

Secondary Door Ajar Present - Pin

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	
Interior Lighting Day Threshold	
Axle Locker Configuration	
Transmission Equipped	
Park Brake Type	
TPMS Configuration	
Hybrid Type	
Module Present	
ADR feature Present	
Present	
Temperature Display Resolution	
PTC Present	
Glovebox Control	
Glare Free Present	
Brake Type	
Suspension Type	
Park assist customer settings menu	
Park assist brake customer settings menu	
Park assist front volume customer settings menu	
Park assist rear volume customer settings menu	
Electric power steering customer settings menu	
Forward collision warning customer settings menu	
Auto on driver comfort customer settings menu	
Auxiliary switches customer settings menu	
Rear view camera gridlines customer settings menu	
Unit set customer settings menu	
Power accessory delay customer settings menu	
Ambient dimmer customer settings menu	
Tire jack mode customer settings menu	
Air suspension warning customer settings menu	
Automatic aero mode customer settings menu	
Auto high beam customer settings menu	
Auto park customer settings menu	
Blind spot alert customer settings menu	
Clock display customer settings menu	
Compass calibration customer settings menu	
Compass variance customer settings menu	
Consumption unit customer settings menu	
Distance unit customer settings menu	
Auto door lock customer settings menu	
Easy exit seat customer settings menu	
Auto entry exit mode customer settings menu	

EPB service mode customer settings menu

Headlamp drop customer settings menu

Headlamp off delay customer settings menu

Headlamps on with wiper customer settings menu

Passive entry customer settings menu

Illuminated approach customer settings menu

Lane departure torque customer settings menu

Lane departure warning customer settings menu

Rear camera customer settings menu

Rain sensitive wipers customer settings menu

Power take off customer settings menu

Pressure unit customer settings menu

Power unit customer settings menu

Power liftgate chime customer settings menu

Performance shift enable customer settings menu

Rear view camera delay customer settings menu

RKE unlock customer settings menu

Speed unit customer settings menu

Tilt mirror in reverse customer settings menu

Torque unit customer settings menu

Teen Key Fuel Pop-up Customer Settings Menu

Teen Key Automatic High Beam Customer Settings Menu

Passenger Airbag On/Off Customer Settings Menu

Forward Collision Warning and Brake Customer Settings Menu

Doors and Engine Off Power Delay Customer Settings Menu

Radio Speaker Open Circuit Disable (LF)

Radio Speaker Open Circuit Disable (RF)

Radio Speaker Open Circuit Disable (LR)

Radio Speaker Open Circuit Disable (RR)

Calibration Parameter Data Set

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

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

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

RADIO CONFIGURATION

NAME		
Satellite Subscription Status		
Reason Code		
Suspend Day		
Suspend Month		
Suspend Year		
Distortion Limiting		
Clock Defeat		
Stereo Blend		
High Cut		
Automated Loudness		
Anti-Theft Enable Status		
Time Selection		
Front Seat Video Playback		
Cabin EQ Curve Number Currently Used by Radio		
Splash Screen		
USB Hubs Detected		
SD Card Readers Detected		
Enumerated USB Devices		
Aux Jack		
CAN Architecture		

ABSO CONFIGURATION

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

DASM CONFIGURATION

NAME	VALUE	UNITS
[REDACTED] Present	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	

TBM2 CONFIGURATION

NAME	VALUE	UNITS
Enable Auto Answer	-	

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

ECU DETAILS REPORT

Vehicle [REDACTED]
VIN [REDACTED]

Odometer [REDACTED]
Publication Date [REDACTED]

ECU SUMMARY INFO

[illegible]

INFORMATION

REACTED

INFORMATION

REACTED

INFORMATION

REACTED

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

ECU DETAILS

TCM DETAILS

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

PCM DETAILS

NAME	VALUE
Model Year	
ECU Part Number	
Body Style	
Vehicle Line	
VIN - Original	
VIN Current	
Software Version (Major/Middle/Minor)	
Hardware Version (Major/Minor)	
Serial Number	
Supplier ID	
Diagnostic Version	
Variant ID	
Country Code	
Odometer When Original VIN Written	

ICS DETAILS

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

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

Original	[REDACTED]
Current	[REDACTED]
HW - [REDACTED]	[REDACTED]
HW - [REDACTED]	[REDACTED]
HW - Patch Level	[REDACTED]
SW - year	[REDACTED]
SW - week	[REDACTED]
SW - Patch Level	[REDACTED]
Hardware Supplier Identification	[REDACTED]
Software Supplier Identification	[REDACTED]

RFH DETAILS

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

ESM DETAILS

NAME	VALUE
Active Diagnostic Variant	[REDACTED]
Active Diagnostic Version	[REDACTED]

DTCM DETAILS

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

ORC DETAILS

NAME	VALUE
Model Year	
Vehicle Line	
Body Style	
Country Code	
ECU Serial Number	
Active Diagnostic Variant	
Active Diagnostic Version	02

EPS DETAILS

NAME	VALUE
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Part Number	
HW - Year	
HW -	
HW - Patch Level	00
SW - year	22

SW - week
 SW - Patch Level
 Hardware Supplier Identification
 ECU Serial Number
 VIN Current
 Model Year
 Vehicle Line
 Body Style
 Country Code
 Boot SW - Year
 Boot SW - Week
 Boot SW - Patch Level
 Software Logical Block Supplier Identification

HVAC DETAILS

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

CSWM DETAILS

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

AMP DETAILS

NAME	VALUE
Active Diagnostic Variant	
Active Diagnostic Version	
ECU Origin	
ECU Part Number	
ECU Serial Number	
Hardware Part Number	

HW - Year	
HW - Week	1
HW - Patch Level	
Hardware Supplier Identification	
Software Part Number	
SW - year	
SW - week	
SW - Patch Level	
Software Supplier Identification	
Model Year	
Vehicle Line	
Body Style	
Country Code	
VIN Original	
VIN Current	

IPC DETAILS

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

SCCM DETAILS

NAME	VALUE
ECU Software Mode	

Active Diagnostic Variant

Active Diagnostic

ECU Part Number

ECU Serial Number

Hardware Supplier Identification

Hardware Part Number

HW - Year

HW -

HW - Patch Level

Software Logical Block Supplier Identification

Software Logical Block Number

SW - year

SW - week

SW - Patch Level

Model Year

Vehicle Line

Body Style

Country Code

VIN Original

VIN Current

BCM DETAILS

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

RADIO DETAILS

NAME	VALUE
VIN Original	
Sales Code	

Diagnostic Variant	[REDACTED]
Diagnostic Version	[REDACTED]
Flash Definition Number (FDN)	[REDACTED]
Supplier ID	[REDACTED]
SW- Year	[REDACTED]
SW - week	[REDACTED]
SW - Patch Level	[REDACTED]
SW - Identification	[REDACTED]
Supplier Manufacturer ECU Software Part Number	[REDACTED]

OCM DETAILS

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

BPCM DETAILS

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

HCP DETAILS

NAME	VALUE
------	-------

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

DSM DETAILS

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

AHCP DETAILS

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

ABSO DETAILS

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

SGW DETAILS

NAME	VALUE
VIN Original	
Diagnostic Variant ID	
Diagnostic Version	
Supplier ID	
ECU Part Number	
System Supplier ECU Hardware Number	
System Supplier ECU Hardware Version Number	
System Supplier ECU Software Number	
System Supplier ECU Software Version Number	
ECU Serial Number	
Active Diagnostic Session Data Identifier	

DPDM DETAILS

NAME	VALUE
Active Diagnostic Variant	
Active Diagnostic Version	00
Hardware Part Number	
Software Logical Block #0 Part Number	
ECU Part Number	
Model Year	
Vehicle Line	
Body Style	
Country Code	
ECU Serial Number	
VIN Original	
VIN Current	

DASM DETAILS

NAME	VALUE
Active Diagnostic Variant	40

Active Diagnostic Version

ECU Part Number

Model Year

Vehicle Line

Body Style

Country Code

VIN Original

VIN Current

IDCM DETAILS

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

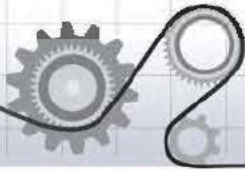
TBM2 DETAILS

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

[REDACTED] ([REDACTED] Mobile Equipment Identity) Number	[REDACTED]
SIM Identifier [REDACTED]	[REDACTED]
[REDACTED]	---
[REDACTED]	---
Network Registration Status	[REDACTED]
Radio Access Technology	[REDACTED]
[REDACTED] (Mobile Subscriber ISDN) Number	[REDACTED]
[REDACTED] [REDACTED] Mobile Subscriber Identity) Number	[REDACTED]
Network Connection Status	[REDACTED]
Number of Batteries	---
Number of Characters in Battery Serial Number	---
Battery Serial Number	---

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

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WI [REDACTED] 2.0

FREEZE FRAME REPORT

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

Odometer [REDACTED]
Publication Date [REDACTED]

FREEZE FRAME DATA

No Carb data available

Freeze Frame #1

[REDACTED]

NAME	VALUE	UNITS
MAP Voltage	[REDACTED]	
TPS 2 Voltage	[REDACTED]	
PCM Odometer	[REDACTED]	
PCM Mileage Since MIL On	[REDACTED]	
Vacuum	[REDACTED]	Hg
[REDACTED]	[REDACTED]	
TPS 1 Voltage	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
Low Ethanol Therm Mgmnt Flag	[REDACTED]	
Air Charge Temp - Bank 2	[REDACTED]	°F
Freeze Frame DTC Priority	[REDACTED]	
DM_FF_SERVICE1_KNK_MG_TRQ_RED_TANK_EE	[REDACTED]	
Fuel Type Being Used	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
Brake Switch 2	[REDACTED]	
Time Since Run / Start	[REDACTED]	
Turbo Airport Mass Flow	[REDACTED]	
Engine Load	[REDACTED]	
MAP	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	

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

[REDACTED]	[REDACTED]	[REDACTED]
Control Module Volts	[REDACTED]	Volts
APP 1 Voltage	[REDACTED]	Volts
[REDACTED]	[REDACTED]	Count
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
AC Clutch	[REDACTED]	[REDACTED]
Phi Adaption Value	[REDACTED]	Mult
[REDACTED]	[REDACTED]	Count
Potential Torque	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
Short Term Fuel Trim - Bank 1	[REDACTED]	%
Throttle Outlet Pressure	[REDACTED]	PSI
Fuel Tank Pressure	[REDACTED] 00	[REDACTED]
[REDACTED]	[REDACTED]	%
DM_FF_SERVICE1_ETHSNSR_FREQ_FILT	[REDACTED]	Hz
DM_FF_SERVICE1_WG_FDB_POS_DEG	[REDACTED]	Deg
ETC Motor Directional Duty Cycle	[REDACTED]	%DC
APP Pedal Percent	[REDACTED]	%
[REDACTED]	[REDACTED]	Count
[REDACTED]	[REDACTED]	[REDACTED]
Low Ethanol PWR Enrich Flag	[REDACTED]	[REDACTED]
Cooled EGR Temp	[REDACTED]	deg C/s
Commanded Equivalence Ratio	[REDACTED]	[REDACTED]
Turbo PRatio	[REDACTED]	Ratio
Turbo Torque Count	0	Counts
[REDACTED]	[REDACTED]	[REDACTED]
Alcohol Fuel Percent	0.00	%
DM_FF_SERVICE1_AUX_IN_RES5	[REDACTED]	[REDACTED]
DM_FF_SERVICE1_PFPS_DELPRESS	0.00	PSI
[REDACTED]	[REDACTED]	Count
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	°F

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

[REDACTED]	False	
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	miles
Battery Voltage	11.6121	Volts
[REDACTED]	[REDACTED]	
Freeze Frame Caused by DTC	[REDACTED]	
[REDACTED]	[REDACTED]	
Calculated MAP	[REDACTED]	PSI
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	m^3/s
Vehicle Speed	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	g/s
[REDACTED]	[REDACTED]	%DC
Throttle Flow Adaptive	[REDACTED]	g/s
Fuel Level Percent	[REDACTED]	%
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	degrees
[REDACTED]	[REDACTED]	
Throttle Inlet Pressure	[REDACTED]	PSI
Ambient Air Temperature	[REDACTED]	°F
[REDACTED]	0	No Unit
Long Term Fuel Trim - Bank 2	[REDACTED]	%
Intermediate MAP	[REDACTED]	PSI
Intermediate Manifold Air Temp	[REDACTED]	°F
APP 2 Voltage	[REDACTED]	Volts
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	ms
AC Switch	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
Fuel Rail Pressure	[REDACTED]	PSI
Current Adaptive Cell ID	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED] Trigger On Fuel Vol Fault	[REDACTED]	
EGR Error	[REDACTED]	%
Purge Solenoid Current	[REDACTED]	mA
Barometric Pressure	[REDACTED]	PSI
Throttle Flow Multiplicative Adaptive	[REDACTED]	Mult

Ignition Run/Start Switch

MAP - Bank 1

Long Term Fuel Trim - Bank

Relative Throttle Position

Intake Air Charge Temp

Air Charge Temp Bank 1

Purge Duty Cycle

Absolute Load Value

Throttle Outlet Temp

Brake Switch Pressed

Commanded Throttle Actuator Control

Catalyst Temp

H-Bridge Circuit

No Freeze Frame #2 data available

No Freeze Frame #3 data available

No MisFire data available

Most Recent DTC

CODE: | ECU: PCM

NAME	VALUE	UNITS
Fuel Rail Pressure	0	
Relative Throttle Position		
Turbo Airport Mass Flow		
MAP - Bank 1		
APP 2 Voltage		
Brake Switch 2		
DM_FF_MOST_RECENT_WG_CLOSE_ENDSTOP_DEG		
Vacuum		Hg
DM_FF_MOST_RECENT_SEC_AIR_RES6		
DM_FF_MOST_RECENT_FSS2_O_LOOP_DC_B2		
Throttle Outlet Temp		°F
Actual Torque		
Fuel Rail Pressure		
2 Voltage		
DM_FF_MOST_RECENT_TCC_TGT_WG_AREA		
DM_FF_MOST_RECENT_WG_FDB_POS_DEG		

DM_FF_MOST_RECENT_SEC_AIR_RES5		
Air Charge Temp - Bank 2		°F
1 Voltage		Volts
DM_FF_MOST_RECENT_GPFT_EXH_T2_TEMP		°F
Low Ethanol PWR Enrich Flag		
Low Ethanol Therm Mgmnt Flag		
DM_FF_MOST_RECENT_AUX_IN_PTO		
Phi Adaption Value		Mult
Commanded EGR Duty Cycle	0	%
Intake Air Charge Temp		°F
DM_FF_MOST_RECENT_KNK_MG_TOTAL_CNT_EE		Count
DM_FF_MOST_RECENT_FUEL_TANK2_PRS		Pa
DM_FF_MOST_RECENT_SEC_AIR_DS_ON		
Turbo PRatio		PRatio
EGR Error		
Turbo Torque Count	0	Counts
Engine Load		%
Engine Coolant Temperature		°F
Ambient Air Temperature		°F
DM_FF_MOST_RECENT_FSS2_O_LOOP_SF_B2		
Purge Duty Cycle	0.0	%
Control Module Volts		Volts
Throttle Inlet Pressure		
Long Term Fuel Trim - Bank 1		%
DM_FF_MOST_RECENT_SEC_AIR_OFF		
Freeze Frame DTC Priority		
DM_FF_MOST_RECENT_AUX_IN_RES2		
Commanded Equivalence Ratio		
AC Clutch		
Short Term Fuel Trim - Bank 1		%
Battery Voltage		Volts
Current Adaptive Cell ID		
Ethanol Gas For Sure		
DM_FF_MOST_RECENT_FAULT_FAIL_INFO		No Unit
Brake Switch Pressed		
Turbo Boost Timer		ms
Ignition Run/Start Switch		
Freeze Frame Caused by DTC		
Ethanol Trigger On Fuel Vol Fault		
DM_FF_MOST_RECENT_PFPS_ABSPRESS		
DM_FF_MOST_RECENT_KNK_MG_TRQ_RED_CNT_EE	0	Count
DM_FF_SERVICE2_TOTAL_EXH_CAT_VOL_FLOW	0	m^3/s

Intermediate MAP	PSI
ETC Motor Directional Duty Cycle	%DC
Fuel Type Being Used	
DM_FF_MOST_RECENT_PFPS_DELPRESS	PSI
Cooled EGR Temp	deg C/s
Fuel Tank Pressure	Pa
ETC Motor Duty Cycle	%DC
Alcohol Fuel Percent	%
Throttle Flow Multiplicative Adaptive	Mult
DM_FF_MOST_RECENT_SEC_AIR_RES4	
Engine RPM	rpm
DM_FF_MOST_RECENT_PSS1_O_LOOP_SF_B1	
APP Pedal Percent	%
DM_FF_MOST_RECENT_VEH_ODO	miles
MAP Voltage	Volts
DM_FF_MOST_RECENT_AUX_IN_RES7	
	Count
Time Since Run / Start	seconds
Absolute Load Value	%
DM_FF_MOST_RECENT_KNK_MG_TRQ_RED_TRIP_EE	Count
MAP - Bank 2	PSI
Commanded Throttle Actuator Control	%
	Count
	ms
Intermediate Manifold Air Temp	°F
Purge Solenoid Current	mA
Secondary Air Pump Status	
APP 1 Voltage	Volts
Brake Switch 1	
DM_FF_MOST_RECENT_SEC_AIR_RES7	
Ethanol Fine Tune Complete Prev	
H-Bridge Circuit	
Barometric Pressure	PSI
Potential Torque	Ft-Lbs
Catalyst Temp	°F
DM_FF_MOST_RECENT_AUX_IN_RES6	

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

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



INFORMATION

Vehicle [REDACTED]
VIN [REDACTED]

Vehicle
VIN

[illegible]

1 [REDACTED]

INFORMATION

REACTED

INFORMANT TO THE

FREEDOM OF INFORMATION ACT

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ECU	DTC CODE	DTC DESCRIPTION	
PCM			
BPCM			
DPCM			
IDCM			

[illegible]

		UNITS
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	miles
[REDACTED]	[REDACTED]	miles
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	

miles

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

LP Contactor Command

Contactor Status

Plug in Status

Balance Mode

Vehicle Speed

System () Volts at time of fault

Battery Lifetime AmpHrs of Charge

Battery Lifetime AmpHrs of Discharge

HVIL Status-Vehicle

Cycles left to self heal

HV Battery Charge Power 2sec

HV Battery Charge Power

HV Battery Discharge Power 2sec

HV Battery Discharge Power

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

DTC Extended Data Record Number - All

DTC Extended Data Record Number - 2

HV Battery Charge Power

HV Battery Discharge Power

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 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 HV Bat Crnt		
HV Battery Voltage (cell sum)		
HV Battery Voltage (Module Sum)		
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)		
Engine Speed		
Accelerator position		%
GPS Date - Year		
GPS Date - Month		
GPS Date - Day		
UTC Time - Hours		
UTC Time - Minutes		
UTC Time - 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)		

HV Sensor - DC Link Voltage (U DC LINK)		
HV Sensor - main fuse Voltage (U MAIN P - U MAIN M) - U DC LINK		
OBCM Fuse Voltage (U MAIN P - U AUX FUSE)		
APM Fuse Voltage (U MAIN P - U AUX REL)		
HV Sensor - Battery Voltage - Positive contactor (U BAT P)		
HV Sensor - Battery Voltage - Negative contactor (U BAT M)		
HV Sensor - Weld Contactor Voltage - Positive contactor (U MAIN P)		
HV Sensor - Weld Contactor Voltage - Negative contactor (U MAIN M)		
HV Sensor - U AUX FUSE		
HV Battery Total Amp Capacity (CAN)		
HV Battery - Pack Isolation state (CAN)		
HV Battery - Powertrain Isolation state (CAN)		
HV Sensor - Pack Voltage VALIDITY (CAN)		
HV Battery Total Amp Capacity VALIDITY (CAN)		
- MCU Reset Counter		
- RAM Reset Counter		
- ROM Reset Counter		
- Hall current sensor supply voltage (CAN)		
- Precharge Penalty Timer (CAN)		
- RTC Circuit Status		
- HVBat Sleep Time		
- System Mode		
- HV Battery pack contactor request (CAN)		
- HV Battery Pack contactor Open (CAN)		
- HV Battery pack Contactor welded and impeded opening (CAN)		
- Crash Indication (CAN)		
- Crash Indication VALIDITY (CAN)		
- Retention Status		
- Active weld check type		
- 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 scale

CSC Fault - Stuck ADC output bits verification with full-scale

CSC Fault - Multiplexer Open/Short verification with X test current source

CSC Fault - Multiplexer Open/Short verification with X test current sources

CSC Fault - Measured result difference between Module voltage and Cell voltage summation

CSC Fault - < uv

CSC Fault - Vdcm > ov

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 - oscillator frequency is not within 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 expected value

CSC Fault - PEC Bits in Data-check byte error

CSC Fault - - 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 Status

CSC Diagnostics - CSC #05 Status

CSC Diagnostics - CSC #06 Status

CSC Diagnostics - CSC #07 Status

CSC Diagnostics - CSC Status

CSC Diagnostics - 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	
Pos HSD Feedback Current	
Neg HSD Feedback Voltage	
Neg HSD Feedback Current	
OCM Value Mon Curr Enrg Val	
Retention Diagnosis Case	
Retention Diagnosis Flag	
Retention Diagnosis Status	

DASM | | **Stored** | **PCM Disabled ECU-**

NAME		
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		
Operation Cycle Counter		
Vehicle Speed		
Ignition Voltage		
System Voltage		

IDCM | | **Stored** | **Battery System Voltage Low-**

NAME	VALUE
DTC	
Test Failed	
Test Failed This Operation Cycle	
Pending DTC	
Confirmed DTC	
Test Not Completed Since Last Clear	
Test Failed Since Last Clear	
Test Not Completed This Operation Cycle	
Warning Indicator Requested	
DTC Extended Data Record Number - All	
Occurrence flag	

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

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of

Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
M High Voltage DC Current Set Point		AMP
M Low Voltage DC Current Set Point		AMP
LP Commanded M Operating Mode		
M High Voltage DC Voltage Set Point		Volt
Low voltage battery voltage from HCP		Volt
M Low Voltage DC Voltage Set Point		Volt
M Internal Mode		
M Wake Up Status		
M Wake Up Reason		
HV Contactor Status		
HV Battery Voltage from BPCM		Volt
M Estimated Power		Watt
M HV side Current Feedback		AMP
M LV side Current Feedback		AMP
M Operation Mode Status Reported from M		
M HV Side Voltage Feedback		Volt
M LV Side Voltage Feedback		Volt
M Current Limit Mode		
M Power Limit Mode		
M HV Over V Status		
M LV High I Status		
M LV High V Status		
M LV Low V Status		
CurrentFailSts_		
GenericFailSts_		
M Derating Mode Status		
M Derating Reason		
M Failure Mode Status		
M Failure Reason		
M Temp One		°F
M Temp Cold Plate		°F
M Temp Two		°F
M Util Pct of DC/DC		%
M Derating Power		Watt
M Batt Feed Volt		Volt
M I DC HV Set P Feedback		AMP
M LV I Set P Feedback		AMP
M HV V Set P Feedback		Volt

Set P Feedback

Volt

APM Input Power

Watt

APM Output Power

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

Control Pilot Duty Cycle	[REDACTED]
Control Pilot Frequency	[REDACTED]
EVSE Pilot Stat	[REDACTED]
Prox Stat	[REDACTED]
Prox Voltage	[REDACTED]
[REDACTED] Charge Time	[REDACTED]
[REDACTED] Charge Tml	[REDACTED]
[REDACTED] C Idle Time	[REDACTED]
[REDACTED] C Idle Wt	[REDACTED]
Watt-[REDACTED] of AC Power	[REDACTED]
[REDACTED] of Charge the HV Bus	[REDACTED]
[REDACTED] M Mode	[REDACTED]
[REDACTED] M Charger Ready	[REDACTED]
[REDACTED] M WU Status	[REDACTED]
Charge Enable Status	[REDACTED]
[REDACTED] ([REDACTED]) Shutdown Command	[REDACTED]
[REDACTED] ([REDACTED]) Enable Charge Command	[REDACTED]
[REDACTED] ([REDACTED]) [REDACTED] Mode Request	[REDACTED]
Generic Fail Sts	[REDACTED]
Chrg Fail Sts	[REDACTED]
[REDACTED] M Wake Up Reason	[REDACTED]
[REDACTED] Control Mth	[REDACTED]
[REDACTED] M Deraing Reason	[REDACTED]
Close Chgr Cntctr	[REDACTED]
Chgr Cntctr Stat	[REDACTED]
Chrg Mode	[REDACTED]
[REDACTED] M Fault Reason	[REDACTED]
EPT LOC Diag Enable	[REDACTED]
[REDACTED] Shutdown Command	[REDACTED]
HV Battey Contactor Open	[REDACTED]
[REDACTED] Request for HV Contactor	[REDACTED]
HV Contactor Status	[REDACTED]
Ignition on Time for DTC	[REDACTED]
Module A Primary - PFC Temperature	[REDACTED]
Module A Primary - LLC Temperature	[REDACTED]
Module A Secondary - Buck Temperature	[REDACTED]
Module A Secondary - Ambient Temperature	[REDACTED]
Module A Primary - AC Side Volt	[REDACTED]
Module A Primary - AC Side Current	[REDACTED]
Module A Secondary - Battery Side Voltage	[REDACTED]
Module A Secondary - Battery Side Current	[REDACTED]
Module A Secondary - Buck Output Voltage	[REDACTED]

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

- PFC Temperature		°F
Temperature		°F
Module B - Buck Temperature		°F
- Ambient Temperature		°F
- AC Side Volt		Volts
- AC Side Current		Amps
- Battery Side Voltage		Volts
- Battery Side Current		Amps
- Buck Output Voltage		Volts
HV Over Voltage Protect		
M - LV Aux Over Voltage Protect		
LV Aux Under Voltage Protect		
- LLC Over Voltage Protect		
Under Voltage Protect		
PFC Over Voltage Protect		
PFC Under Voltage Protect		
M - Battery Under Voltage Protect		
Battery Over Voltage Protect		
AC Under Voltage Protect		
AC Over Voltage Protect		
AC Over Current Protect		
M - HV Voltage Over MaxCal Protect		
HV Over Current Protect		
Power Stage Over Voltage Protect		
Internal Memory Fault		
M - Over Temperature Protect		
HCP Loss of Communication Protect		
CAN Bus Off		
Pilot Duty Fault		
Loss BPCM Communication Protect		
Prox Range To Low		
M - Prox Range To High		
- HV Voltage Under MinCal Protect		
SPI Communication Fault		
WakeUp Output Stuck Low		
M - Pilot Short To Battery		
WakeUp Output Stuck High		
ORC Loss of Communication		
HV Battery Not Contact		
Loss Communication Protect		
Receive HV Battery Contact Open From BPCM		
- Aux Over Voltage Protect		

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

OBCM - [REDACTED] Under Voltage Protect

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

Module A Primary - Relay Enable States
 Module A Primary - Aux Over Voltage Protect
 Module A Primary - Aux Under Voltage Protect
 Module A Primary - Micro Enable Command

Module A Primary - Loss Communication Protect

Module A Primary - Standby Mode

Module A Primary - Operate Mode

Module A Primary - Shutdown Mode

Module A - Aux Enable States

Module A - HV Enable States

Module A - LLC Under Voltage Protect

Module A - LLC Over Voltage Protect

Module A - HV Over Voltage Protect

Module A - Over Temperature Protect

Module A - Hot Warning

Module A - HV Over Temperature Protect

Module A - Ambient Over Temperature Protect

Module A - HV Hot Warning

Module A - Ambient Hot Warning

Module A - Aux Over Voltage Protect

Module A - Aux Under Voltage Protect

Module A - Loss Primary Communication Protect

Module A - LV Micro Enable Command

Module A - Loss LV Communication Protect

Module A - Primary Turn On States

Module A - Primary Shutdown States

Module A - HV Under Voltage Protect

Module A - Standby Mode

Module A - Operate Mode

Module A - Shutdown Mode

Module A - LV Micro Disable Command

Module A - PFC High Temperature Derating

Module A - PFC Low Temperature Derating

Module A - LLC High Temperature Derating

Module A - LLC Low Temperature Derating

Module A - HV High Temperature Derating

Module A - Ambient Low Temperature Derating

Module A - AC Input Voltage Derating

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

Module A - HV Output Voltage Derating

Primary - AC Under Voltage Protect

Module B Primary - PFC Power Limit

Primary - PFC Enable States

Primary - PFC Under Voltage Protect

Primary - PFC Over Voltage Protect

Primary - Over Temperature Protect

Primary - Hot Warning

Primary - AC Present

Primary - PFC Over Temperature Protect

Primary - Over Temperature Protect

Module B Primary - PFC Hot Warning

Primary - Hot Warning

Primary - Relay Enable States

Primary - Aux Over Voltage Protect

Primary - Aux Under Voltage Protect

Primary - Micro Enable Command

Primary - AC Vin Lost

Primary - Loss Communication Protect

Primary - Standby Mode

Module B Primary - Operate Mode

Primary - Shutdown Mode

- Aux Enable States

- HV Enable States

- Over Voltage Protect

- HV Over Voltage Protect

- HV Over Current Protect

- Over Temperature Protect

Module B - Hot Warning

Module B - HV Over Temperature Protect

- Ambient Over Temperature Protect

- HV Hot Warning

- Ambient Hot Warning

- Aux Over Voltage Protect

- Aux Under Voltage Protect

- Loss Primary Communication Protect

- LV Micro Enable Command

- Loss LV Communication Protect

Module B - Primary Turn On States

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

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

[REDACTED]	[REDACTED]	- Primary Shutdown States	[REDACTED]	
[REDACTED]	[REDACTED]	- HV Under Voltage Protect	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	- Operate Mode	[REDACTED]	
[REDACTED]	[REDACTED]	- Shutdown Mode	[REDACTED]	
[REDACTED]	[REDACTED]	- LV Micro Disable Command	[REDACTED]	
[REDACTED]	[REDACTED]	- PFC High Temperature Derating	[REDACTED]	
[REDACTED]	[REDACTED]	- PFC Low Temperature Derating	[REDACTED]	
[REDACTED]	[REDACTED]	- [REDACTED] High Temperature Derating	[REDACTED]	
[REDACTED]	[REDACTED]	- [REDACTED] Low Temperature Derating	[REDACTED]	
[REDACTED]	[REDACTED]	- HV High Temperature Derating	[REDACTED]	
[REDACTED]	[REDACTED]	- HV Low Temperature Derating	[REDACTED]	
[REDACTED]	[REDACTED]	- Ambient High Temperature Derating	[REDACTED]	
[REDACTED]	[REDACTED]	- Ambient Low Temperature Derating	[REDACTED]	
[REDACTED]	[REDACTED]	- AC Input Voltage Derating	[REDACTED]	
[REDACTED]	[REDACTED]	- HV Output Voltage Derating	[REDACTED]	
SBC	[REDACTED]		[REDACTED]	
SBC	[REDACTED]		[REDACTED]	
SBC	[REDACTED]		[REDACTED]	
SBC	[REDACTED]		[REDACTED]	
SBC	[REDACTED]		[REDACTED]	
SBC	[REDACTED]		[REDACTED]	
[REDACTED]	[REDACTED]		[REDACTED]	
[REDACTED]	[REDACTED]		[REDACTED]	Year
[REDACTED]	[REDACTED]		[REDACTED]	
[REDACTED]	[REDACTED]		[REDACTED]	Days
[REDACTED]	[REDACTED]		[REDACTED]	Hours
[REDACTED]	[REDACTED]		[REDACTED]	
[REDACTED]	[REDACTED]		[REDACTED]	seconds
[REDACTED]	[REDACTED]		0	ms
[REDACTED]	[REDACTED]		[REDACTED]	

[REDACTED]