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

CONFIGURATION REPORT

[redacted]

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
[redacted]						

[redacted]

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ECU SUMMARY INFO (CONT...)

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

CONFIGURATION

SessionID # [redacted]

TCM CONFIGURATION

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

PCM CONFIGURATION

NAME	VALUE	UNITS
AC Equipped	[redacted]	
AC Equipped Over Bus	[redacted]	
Power Steering Switch Equipped	[redacted]	
4 Button Integrated Cruise Control	[redacted]	
EMAT (Getrag DCT transmission) Equipped	[redacted]	
Vehicle Speed Sensor #1 Calculated from CAN	[redacted]	
Police Package Equipped	[redacted]	
Unleaded Gasoline Fuel	[redacted]	
Unleaded diesel fuel	[redacted]	
6.4 Liter V8 Engine	[redacted]	
4 Speed Automatic Transmission Equipped	[redacted]	
Electronic Automatic Transmission (EATX) Equipped	[redacted]	
Vehicle Speed Sensor #1 Calculated by ECU	[redacted]	
4.7 Liter V8 Engine	[redacted]	
5.7 Liter V8 Engine	[redacted]	
6.1 Liter V8 Engine	[redacted]	
Sensorless FFV Enabled	[redacted]	
Electronic Throttle Control Equipped	[redacted]	
3.6 Liter V6 Engine	[redacted]	

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4.0 Liter I6 Engine	[redacted]	
3.8 Liter V6 Engine	[redacted]	
3.7 Liter V6 Engine	[redacted]	
3.5 Liter V6 Engine	[redacted]	
3.3 Liter V6 Engine	[redacted]	
3.2 Liter V6 Engine	[redacted]	
2.7 Liter V6 Engine	[redacted]	
MTV Solenoid Equipped	[redacted]	
MDS Equipped	[redacted]	
Turbocharger Equipped	[redacted]	
SRV Equipped	[redacted]	
Secondary Air Equipped	[redacted]	
Shift Indicator Lamp Equipped	[redacted]	
Barometric Sensor Equipped	[redacted]	
TIP Equipped	[redacted]	
Battery Temp Sensor Equipped	[redacted]	
Knock Sensor 1 Equipped	[redacted]	
Knock Sensor 2 Equipped	[redacted]	
WI4 Variable Valve Timing Equipped	[redacted]	
Clutch Interlock Switch Equipped	[redacted]	
ESIM Equipped	[redacted]	
Linear Purge Equipped	[redacted]	
Linear EGR Equipped	[redacted]	
Continuous Variable Transmission Equipped	[redacted]	
Direct Injection Equipped	[redacted]	
Secondary Fuel Pump Equipped	[redacted]	
Electronic Coolant Pump Equipped	[redacted]	
O2 Sensor Bank 1 Sensor 1 Equipped	[redacted]	
O2 Sensor Bank 1 Sensor 2 Equipped	[redacted]	
O2 Sensor Bank 1 Sensor 3 Equipped	[redacted]	
O2 Sensor Bank 2 Sensor 1 Equipped	[redacted]	
O2 Sensor Bank 2 Sensor 2 Equipped	[redacted]	
Fixed displacement AC Equipped	[redacted]	
WI4 Intake Flow Control Valve Equipped	[redacted]	
Electric Coolant Valve Equipped	[redacted]	
Engine Oil Heater Cooler Equipped	[redacted]	
Transmission Oil Heater Equipped	[redacted]	
Electric Water Pump Equipped	[redacted]	
Rear Heater Equipped	[redacted]	
Starter Relay 2 Equipped	[redacted]	
Inrush Current Reduction Relay Equipped	[redacted]	
Active Grille Shutter Equipped	[redacted]	

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

Electronic Vacuum Pump Equipped	[redacted]	
Wide Range O2 Sensor 1/1 Equipped	[redacted]	
Wide Range O2 Sensor 2/1 Equipped	[redacted]	
MultiAir Equipped	[redacted]	
Engine Stop Start Equipped	[redacted]	
Viscosity Sensor Equipped	[redacted]	
Duty Cycle Purge Valve Equipped	[redacted]	
Electric Thermostat Heater Equipped	[redacted]	
Exhaust Cam 1 Equipped	[redacted]	
Intake Cam 1 Equipped	[redacted]	
1.8 Liter WI4 engine	[redacted]	
2.0 Liter WI4 engine	[redacted]	
2.4 Liter WI4 engine	[redacted]	
3.0 Liter V6 Engine	[redacted]	
Tumble Generator Valve Equipped	[redacted]	
Hybrid Electric Vehicle Equipped	[redacted]	
Dual Speed Fuel Pump Equipped	[redacted]	
Exhaust Cam 2 Equipped	[redacted]	
Intake Cam 2 Equipped	[redacted]	
1 Speed Fan Mechanical Relay System Equipped	[redacted]	
2 Speed Fan Mechanical Relay System Equipped	[redacted]	
2 Speed Fan PWM Relay System Equipped	[redacted]	
Linear PWM Fan Relay System Equipped	[redacted]	
PWM Fan Motor System Equipped	[redacted]	
3 Speed Fan Mechanical Relay System Equipped	[redacted]	
Fan Wake Up Relay System Equipped	[redacted]	
2 Speed Fan 3 Driver 3 Relay System Equipped	[redacted]	
40TE / 41TE / 41TEA	[redacted]	
42RLE	[redacted]	
45RFE / 545RFE / 65RFE	[redacted]	
62TE	[redacted]	
66RFE / 68RFE	[redacted]	
VLP Is Learnable Indicator	[redacted]	
VLP Equipped Indicator	[redacted]	
VFS Actuators Available Indicator	[redacted]	
ERS Equipped Indicator	[redacted]	
Engine Software In Package	[redacted]	
Transmission Software Included	[redacted]	
ICC Cruise Equipped	[redacted]	
ETC Cruise equipped	[redacted]	
Adaptive Cruise Control Equipped	[redacted]	
A/C Equipped	[redacted]	

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

Adaptive Cruise Control Hardware Equipped	[redacted]	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	[redacted]	
TOOLCONFIG Oil Pressure ABS Equipped	[redacted]	
GPEC2 Equipped	[redacted]	
GPEC2A Equipped	[redacted]	
GPEC3 Equipped	[redacted]	
Cummins Equipped	[redacted]	
GPEC4 Equipped	[redacted]	
VMM Equipped	[redacted]	
Powernet Equipped	[redacted]	
CUSW (11-Bit) Equipped	[redacted]	
Fiat 940 Compact Equipped	[redacted]	
Next Gen Bus Equipped	[redacted]	
Constant Heater Temperature Control Valve Equipped	[redacted]	
High Side Port Tumble Valve Equipped	[redacted]	
CMCV H-Bridge Equipped	[redacted]	
Turbine Volute Valve Actuator Equipped	[redacted]	
Wastegate H Bridge Equipped	[redacted]	
Active Exhaust Valve Equipped	[redacted]	
Active Exhaust Pressure Sensor Equipped	[redacted]	
Engine Idle Shutoff Equipped	[redacted]	
Aisin 6-Speed RWD Transmission Equipped	[redacted]	
Cooled EGR Equipped	[redacted]	
Supercharger Equipped	[redacted]	
Low Temperature Radiator Coolant Pump Equipped	[redacted]	
Mechanical Coolant Pump Heater Equipped	[redacted]	
Auxiliary Coolant Pump Heater Equipped	[redacted]	
Compressed Natural Gas Equipped	[redacted]	
CUSW PROXI Write Programming Support Enabled	[redacted]	
Active Engine Mount Equipped	[redacted]	
ZF 9-Speed Transmission Equipped	[redacted]	
HPT 6 Speed Transmission Equipped	[redacted]	
Variable Speed Fuel Pump Equipped	[redacted]	
Operator Idle Speed Request Equipped	[redacted]	
PTO System Equipped	[redacted]	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	[redacted]	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	[redacted]	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	[redacted]	
Dual Stage Oil Pump Equipped	[redacted]	
Auxiliary Coolant Pump Equipped	[redacted]	
Trans Skip Shift Equipped	[redacted]	
Trans Reverse Lockout Equipped	[redacted]	

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Port Flap Valve Equipped	[redacted]
Brushless PWM Fan Equipped	[redacted]
6.2 Liter V8 Engine	[redacted]
Primary Lin Alternator Equipped	[redacted]
Coolant On Off Pump Equipped	[redacted]
Oil Pressure Sensor Enabled	[redacted]
Flat VIN Learning Strategy Equipped	[redacted]
Dual Fuel Tank Equipped	[redacted]
Yaw Rate Sensor ESC Equipped	[redacted]
1.0 Liter I3 Engine	[redacted]
Coolant On-Off Valve Equipped	[redacted]
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	[redacted]
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	[redacted]
Throttle Inlet Temp Sensor Equipped	[redacted]
Humidity, Temperature and Pressure Sensor (LIN) Equipped	[redacted]
Dual Fuel Pressure Sensor Equipped	[redacted]
Brake Pedal Sensor Equipped	[redacted]
Dual Fuel Tank Equipped	[redacted]
PTO System Equipped	[redacted]
Low Temp Radiator Coolant Pump Equipped	[redacted]
Engine Idle Shutoff Equipped	[redacted]
A/C Relay Powered from Engine Switched Battery	[redacted]
CNG Large Gas Tank Equipped	[redacted]
Cooled EGR Equipped	[redacted]
Supercharger Equipped	[redacted]
Hybrid MEC Shifter Equipped	[redacted]
Dual Alternator Gen1 Capable	[redacted]
Auxillary Coolant Pump Equipped	[redacted]
ZF 9-Speed Trans Equipped	[redacted]
HPT 6 Speed Trans Equipped	[redacted]
CUSW 4-Button Cruise Equipped	[redacted]
Power Steering Angle Sensor Mandatory	[redacted]
Throttle Inlet Temp Sensor Equipped	[redacted]
LIN Humidity, Temp, and Pressure Sensor Equipped	[redacted]
Dual Fuel Pressure Sensor Equipped	[redacted]
Brake Pedal Sensor Equipped	[redacted]
Clutch Sensor Equipped	[redacted]
SWAP HARDWIRED BRAKE SWITCH INPUTS	[redacted]
Mass Airflow System Equipped	[redacted]
Bi Directional Crank Sensor Equipped	[redacted]
5 Button Cruise (LIN) Equipped	[redacted]
Operator Idle Speed Request Equipped	[redacted]

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

INTAKE O2 SENSOR EQUIPPED	[redacted]	
Cylinder Pressure Sensor Equipped	[redacted]	
Make Up Air Sensor Equipped	[redacted]	
Active Exhaust Pressure Sensor Equipped	[redacted]	
Secondary Mass Airflow Sensor Equipped	[redacted]	
1.0 Liter I3 Engine	[redacted]	
2.0 Liter I4 Direct Injection Engine	[redacted]	
Variable Valve Lift Equipped	[redacted]	
Coolant On-off Pump Equipped	[redacted]	
Primary Lin Alternator Equipped	[redacted]	
Electronic Parking Brake Equipped	[redacted]	
Active Exhaust Valve(s) Equipped	[redacted]	
Mechanical Coolant Pump Equipped	[redacted]	
Aux Coolant Pump Heater Equipped	[redacted]	
Heater Temp Control Valve Equipped	[redacted]	
High Side Port Tumble Valve Equipped	[redacted]	
Wastegate HBridge Equipped	[redacted]	
Remote Start Present	[redacted]	
Engine Oil Pressure Sensor Type	[redacted]	[redacted]

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

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
PIN Successfully Programmed	[redacted]	
VIN Successfully Programmed	[redacted]	
Valid Key In Ignition	[redacted]	
Keyless Go	[redacted]	
Ignition system type connected	[redacted]	
e-shifter present	[redacted]	
Auto Park Present	[redacted]	
Secret Codes Programmed	[redacted]	
Passive Entry	[redacted]	
RKE	[redacted]	
Module Configuration Status	[redacted]	
Remote Start Present	[redacted]	
$0214 Programmed by	[redacted]	
Hardware Configuration: Remote Start Antenna	[redacted]	

Hardware Configuration: Front Left Door Handle H/W	[redacted]
Hardware Configuration: Front Right Door Handle H/W	[redacted]
Hardware Configuration: Rear Left Door Handle H/W	[redacted]
Hardware Configuration: Rear Right Door Handle H/W	[redacted]
Hardware Configuration: Trunk Door Handle H/W	[redacted]
RFHub Locked	[redacted]
Fob Location #1 Successfully Programmed	[redacted]
Fob Location #2 Successfully Programmed	[redacted]
Fob Location #3 Successfully Programmed	[redacted]
Fob Location #4 Successfully Programmed	[redacted]
Fob Location #5 Successfully Programmed	[redacted]
Fob Location #6 Successfully Programmed	[redacted]
Fob Location #7 Successfully Programmed	[redacted]
Fob Location #8 Successfully Programmed	[redacted]
Back Up Vehicle Config 1	[redacted]
Back Up Vehicle Config 2	[redacted]
Back Up Vehicle Config 3	[redacted]
Back Up Vehicle Config 4	[redacted]
Back Up Vehicle Config 5	[redacted]
Back Up Vehicle Config 6	[redacted]
Back Up Vehicle Config 7	[redacted]
Back Up ECU Configuration 1	[redacted]
Back Up ECU Configuration 2	[redacted]
Back Up ECU Configuration 3	[redacted]
Back Up ECU Configuration 4	[redacted]
Back Up ECU Configuration 5	[redacted]
Back Up ECU Configuration 6	[redacted]
Back Up ECU Configuration 7	[redacted]
Back Up ECU Configuration 8	[redacted]
Back Up ECU Configuration 9	[redacted]
Back Up ECU Configuration 10	[redacted]
Back Up ECU Configuration 11	[redacted]
Back Up ECU Configuration 12	[redacted]
Back Up ECU Configuration 13	[redacted]
Back Up ECU Configuration 14	[redacted]
Back Up ECU Configuration 15	[redacted]
Back Up ECU Configuration 16	[redacted]
Back Up ECU Configuration 17	[redacted]
Back Up Customer Settings Menu 1 (CSM1)	[redacted]
Back Up Customer Settings Menu 2 (CSM2)	[redacted]
Back Up Programmed ECUs: Cabin Network	[redacted]
Back Up Programmed ECUs: P/T Chassis Network	[redacted]

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

Secret Key Sent to Body Controller Most recent attempt	[redacted]
Secret Key Sent to Body Controller - Original attempt	[redacted]
Base TPM Present	[redacted]
Full Size Matching Spare Tire Present	[redacted]
ECU Ship Status	[redacted]
Tire Pressure System	[redacted]
Selectable Tire Fill Alert	[redacted]
TPM Auto Locate Enabled	[redacted]
TPMS Configuration	[redacted]

DTCM CONFIGURATION

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

ORC CONFIGURATION

NAME	VALUE	UNITS
Rollover Sensing	[redacted]	
EPPM	[redacted]	
Occupant Classification (OCM)	[redacted]	
First Row Driver Seatbelt Buckle Switch	[redacted]	
First Row Passenger Seatbelt Buckle Switch	[redacted]	
Second Row Left seat belt Switch	[redacted]	
Second Row Center seat belt Switch	[redacted]	
Second Row Right seat belt Switch	[redacted]	
Driver Seat Track Position Sensor	[redacted]	
Passenger Seat Track Position Sensor	[redacted]	
Passenger Occupant Detection Sensor	[redacted]	
Passenger Airbag Disable Switch	[redacted]	
Passenger Airbag Disable Indicator	[redacted]	
Driver Frontal Squib 1	[redacted]	
Driver Frontal Squib 2	[redacted]	
Driver Frontal Squib 3	[redacted]	
Passenger Frontal Squib 1	[redacted]	
Passenger Frontal Squib 2	[redacted]	

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

HVAC CONFIGURATION

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

IPC CONFIGURATION

SessionID # [redacted]

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

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

SCCM CONFIGURATION

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

BCM CONFIGURATION

NAME	VALUE	UNITS
RBSM	[redacted]	
LBSM	[redacted]	
BCM (Interior Bus)	[redacted]	
HSM	[redacted]	
HVAC	[redacted]	
PTCM	[redacted]	
Radio	[redacted]	
ITM	[redacted]	
AMP	[redacted]	
EDM	[redacted]	
HVAC R	[redacted]	
TBM	[redacted]	
AHLM/AFLS	[redacted]	
ASCM	[redacted]	
BCM (PT)	[redacted]	
DTCM	[redacted]	
PCM	[redacted]	
EPS	[redacted]	
ESM	[redacted]	
ABS	[redacted]	
RFH	[redacted]	

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IPC	
ORC	
PTS	
SCCM	
ELSD	
TCM	
TPM	
AFLS	
ITBM	
OCM	
DPDM	
SGW	
ASBS	
ANC	
Number of Reprogramming Attempts Counter #0	0
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	
Programmed Network Configuration Audio / Telematics Network	
Programmed ECUs: Hybrid LAN Network	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	
ECU Configuration 2 (CBC Features)	
ECU Configuration 3	
ECU Configuration 4	
ECU Configuration 5 (Wireless)	
ECU Configuration 5 (Doors)	
ECU Configuration 5 (Memory)	
ECU Configuration 6 (Brake)	
ECU Configuration 6 (Suspension)	
ECU Configuration 6 (Powertrain)	
ECU Configuration 6 (Safety)	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	
ECU Configuration 8 (LIN and Miscellaneous)	

SessionID #

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

SessionID # [redacted]

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Power Lift Gate Present	[redacted]
Power Right Sliding Door Present	[redacted]
Power Left Sliding Door Present	[redacted]
RKE System Present	[redacted]
Sunshade Present	[redacted]
T Case Type	[redacted]
Wheel Base	[redacted]
FOBIK Safe Enable	[redacted]
ELV 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]
Two Fuel Sending Units 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]
Interior EC Mirror Present	[redacted]
ESCL system present	[redacted]
High Intensity Discharge Head Lamps	[redacted]
Secondary Lock Present	[redacted]
Liftgate/Trunk Type	[redacted]
Collision Mitigation System present	[redacted]
Forward Collision Warning present	[redacted]
Base TPM system present	[redacted]
Premium TPM 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]
Axle Ratio	[redacted]
Transfer Case Low Range Reduction Ratio	[redacted]
Dynamic Tire Circumference (All or Rear)	[redacted]
Dual Rear Wheel (DRW) Vehicle Present	Not Set
Non Regulated Tire Pressure Information System (TPIS) Present	Not Set

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

Steering Ratio at zero	[redacted]
Steering Ratio at Positive Angle 1	[redacted]
Steering Ratio at Positive Angle 2	[redacted]
Steering Ratio at Positive Angle 3	[redacted]
Steering Ratio at Positive Angle 4	[redacted]
Steering Ratio at Positive Angle 5	[redacted]
Analog Door Sensor Configuration	[redacted]
Air Quality System Present	Not Set
Steering Ratio at Negative Angle 1	[redacted]
Steering Ratio at Negative Angle 2	[redacted]
Steering Ratio at Negative Angle 3	[redacted]
Steering Ratio at Negative Angle 4	[redacted]
Steering Ratio at Negative Angle 5	[redacted]
Ambient Light Dimmer Wheel Input Present Pin G9	[redacted]
Low Beam Output Present Pin A3, D3	[redacted]
Rear Wiper Motor Park Present - Pin E29	[redacted]
Left Rear Door Ajar Input Present - Pin F23	[redacted]
Front Driver Analog Door Ajar Input Present Pin F9	[redacted]
Reserved - Pin G12	[redacted]
Horn Switch Input Present Pin F29	[redacted]
Reserved - Pin E15	[redacted]
Hood Ajar Switch Input Present - Pin A11	[redacted]
Hard Top Sense Present Pin E14	[redacted]
Reserved - F21	[redacted]
Reserved Pin D20	[redacted]
Passenger Door Ajar Signal Present - Pin G18	[redacted]
Reserved Pin E47	[redacted]
Reserved Pin E35	[redacted]
Starter Relay Lowside Coil Drive - Pin D7	[redacted]
Diesel Cabin Heater #2 Output Present Pin D9	[redacted]
Diesel Cabin Heater #3 Output Present - Pin D10	[redacted]
Diesel Cabin Heater #1 Output Present Pin D11	[redacted]
Right Dedicated DRL Lamp Output Present Pin A22	[redacted]
Left Dedicated DRL Lamps Output Present - Pin D15	[redacted]
Flipper Glass #2 Output Present	[redacted]
Foot Well Lamps Output Present - Pin G24	[redacted]
Front Fog Lamps Output Present Pin A1 & D13	[redacted]
Inverter Enable Relay Output Present Pin F35	[redacted]
Reserved - E20	[redacted]
Gated Park ZFII Output Present Pin D 24	[redacted]
Reserved - Pin E21	[redacted]
Rear Fog Lamps Output Present Pin E39 & F5	[redacted]

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)

LED Low Beam Lamps Present	[redacted]
LED High Beam Lamps Present	[redacted]
LED Front Park/Marker Lamps Present	[redacted]
Door Lock Switch Signal FT LT Usage (F9)	[redacted]
Door Lock Switch Signal FT RT Usage (F23)	[redacted]
Headlamp Wash Interval	[redacted]
Headlamp Wash Shot	[redacted]
Front Wiper Wipes After Wash	[redacted]
Headlamp Washer Low Fluid Shut-Off Enable	[redacted]
Intermittent Wiper States	[redacted]
LED CHMSL Lamp Present	[redacted]
Rear Camera Present	[redacted]
Power Inverter Present	[redacted]
Front Park Assist Present	[redacted]
Front Heated Seats Present	[redacted]
Front Ventilated Seats Present	[redacted]
Destination	[redacted]
Cabin Equilization Curve Number	[redacted]
Hill Start Assist Customer Setting Option Present	[redacted]
Radio Apps Present	[redacted]
CTP Easy Entry Enable	[redacted]
CTP Passive Entry Present	[redacted]
CTP Auto Lock Disable	[redacted]
SDAR Travel Link Present	[redacted]
DAB Present	[redacted]
Vehicle Theft Alarm Present	[redacted]
Heated Steering Wheel Present	[redacted]
VIN Check Digit Diable	[redacted]
Surround Sound Feature Present	[redacted]
Power Door Locks Present	[redacted]
Antenna Type	[redacted]
CTP Max AC Present	[redacted]
Hybrid Electric Powertrain Present	[redacted]
Disable CD Eject	[redacted]
DTV Front Camera Present	[redacted]
DTV Side Camera Present	[redacted]
Tow Haul Present	[redacted]
Hill Descent Control Present	[redacted]
Audio Steering Wheel Switch Configuration	[redacted]
Radio Display On/Off Softkey Present	[redacted]
Microphone Tuning Parameter	[redacted]
Microphone Configuration	[redacted]

SessionID # [redacted]

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

Compass Mounting Orientation	[redacted]
Washer Fluid Level Voltage Threshold	[redacted]
IBS Present	[redacted]
ASBMM Present	[redacted]
Humidity Sensor Present	[redacted]
Manual Trans Present	[redacted]
DC to DC Converter Present	[redacted]
ASBM Present	[redacted]
Auto Relock Time	[redacted]
VTA System Present	[redacted]
DC to DC Converter #2 Present	[redacted]
Illuminated Approach Interior Lighting Target Percentage	[redacted]
Illuminated Approach Headlamp Target Percentage	[redacted]
Illuminated Approach Taillamp Target Percentage	[redacted]
Illuminated Approach Interior Lighting Ramp Up Time	[redacted]
CRVMM Present	[redacted]
EVIC Switch Module Present	[redacted]
Compass Mounting Angle	[redacted]
Backup Reverse Lamp Left Present - Pin F41	[redacted]
Backup Reverse Lamp Right Present Pin E1	[redacted]
Stop/Turn Lamp or Stop Lamp Present Pin E2 & F40	[redacted]
Left High Beam Present - Pin D1	[redacted]
Right High Beam Present Pin A2	[redacted]
Left Front Lamp Diagnostics Present - Pin F25	[redacted]
Right Front Lamp Diagnostics Present Pin F28	[redacted]
Left Rear Turn Lamp Diagnostics Present - Pin F27	[redacted]
Right Rear Turn Lamp Diagnostics Present Pin F31	[redacted]
Brake Fluid Level Switch Signal Present Pin D21	[redacted]
Siren	[redacted]
Ultrasonics	[redacted]
Tilt	[redacted]
Swing Gate Lock Present Pin F30	[redacted]
Swing Gate Unlock Present Pin F33	[redacted]
Front Fog Voltage	[redacted]
Rear Fog Voltage	[redacted]
CHMSL Lamp Output Disable	[redacted]
Secondary Door Ajar Present Pin E28	[redacted]
Manual Door Locks Present	[redacted]
Rain Sensor Module #2 Present	[redacted]
Auto High Beam Module Location	[redacted]
Average Last Longitudinal Acceleration Values	[redacted]
Average Last Lateral Acceleration Values	[redacted]

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

SessionID # [redacted]

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

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

Teen Key Fuel Pop up Customer Settings Menu	[redacted]
Teen Key Automatic High Beam Customer Settings Menu	[redacted]
Passenger Airbag On/Off Customer Settings Menu	[redacted]
Forward Collision Warning and Brake Customer Settings Menu	[redacted]
Doors and Engine Off Power Delay Customer Settings Menu	[redacted]
Radio Speaker Open Circuit Disable (LF)	[redacted]
Radio Speaker Open Circuit Disable (RF)	[redacted]
Radio Speaker Open Circuit Disable (LR)	[redacted]
Radio Speaker Open Circuit Disable (RR)	[redacted]
ANC Calibration Parameter Data Set	[redacted]
Surround View Camera On/Off Softkey Present	[redacted]
Drive Mode Version	[redacted]
Rear Defrost and Heated Mirrors Present	[redacted]
Show Phone Information in Cluster	[redacted]
Auto Dimming Mirror Hard Button Present	[redacted]
Clari-Fi Present	[redacted]
Automatic Crash Notification Feature Present	[redacted]
Trailer Hitch Camera Present	[redacted]
Park Assist Tuning Set	[redacted]
Rear Defrost Presence	[redacted]
Heated Mirrors Present	[redacted]
Engine Displacement	[redacted]
Steering C Factor	[redacted]
Speedometer Tolerance	[redacted]
Increasing speed constant	[redacted]
Tachometer Type	[redacted]
DTV Present	[redacted]
Tri State Comfort Climate Softkey Function Present	[redacted]

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RADIO CONFIGURATION

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

12/24 Time Selection	12 Hour Time	
Front Seat Video Playback	[redacted]	
Cabin EQ Curve Number Currently Used by Radio	[redacted]	[redacted]
Splash Screen	[redacted]	
USB Hubs Detected	[redacted]	[redacted]
SD Card Readers Detected	[redacted]	[redacted]
Enumerated USB Devices	[redacted]	[redacted]
Aux Jack	[redacted]	
CAN Architecture	[redacted]	

ABSO CONFIGURATION

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

DASM CONFIGURATION

NAME	VALUE	UNITS
ACC Present	[redacted]	
ACC STOP Present	[redacted]	
ACC GO Present	[redacted]	
FCW Present	[redacted]	
LDW Plus Present	[redacted]	
Auto High Beam Present	[redacted]	
NCC Present	[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)

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

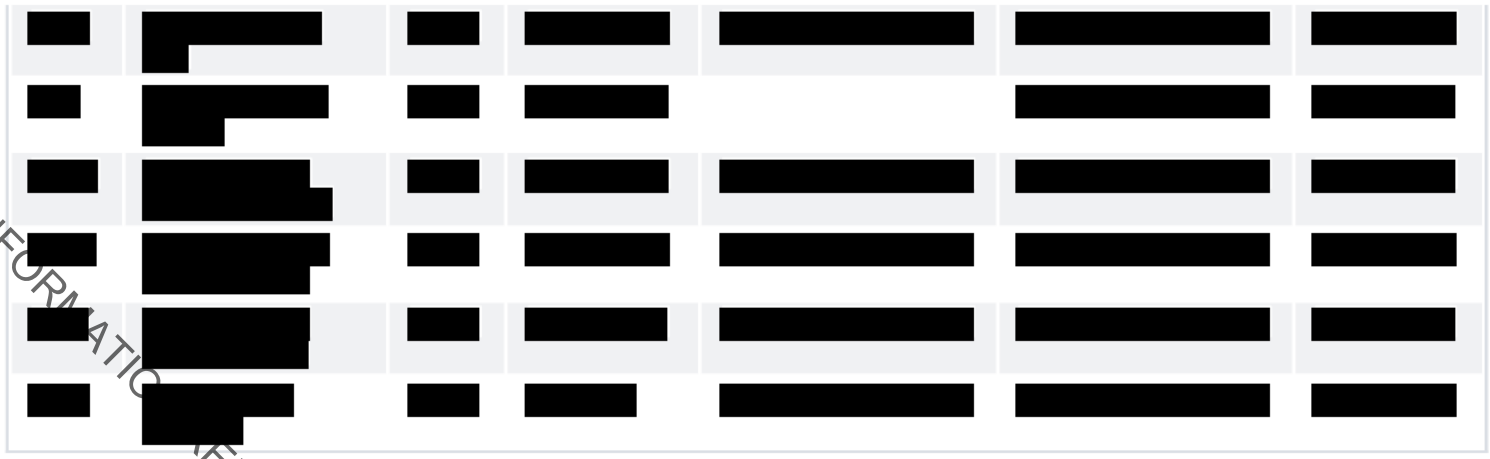
VEHICLE SCAN REPORT

[redacted]

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
[redacted]						

SessionID # [redacted]



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ECU SUMMARY INFO (CONT...)

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

DTC SUMMARY

SessionID # [redacted]

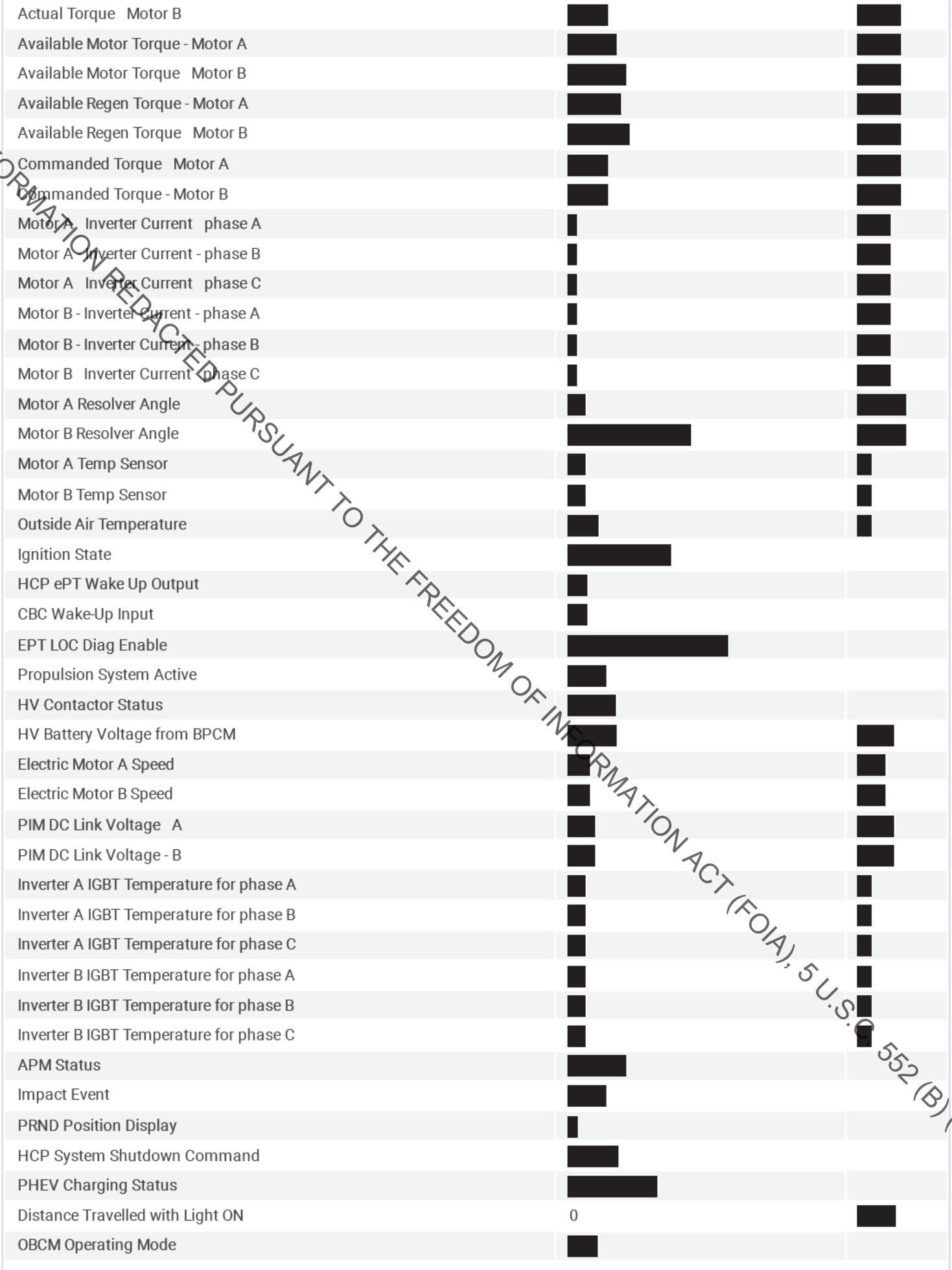
ECU	DTC CODE	DTC DESCRIPTION	STATUS
HCP	[redacted]	Power Inverter Module Incorrect Control Mode	[redacted]
HCP	[redacted]	Internal Control Module Torque Calculation Performance-	[redacted]

ENVIRONMENTAL DATA SUMMARY

HCP | [redacted] | Stored | [redacted]

NAME	VALUE	UNITS
DTC	[redacted]	
Test Failed	[redacted]	
Test Failed This Operation Cycle	[redacted]	
Pending DTC	[redacted]	
Confirmed DTC	[redacted]	
Test Not Completed Since Last Clear	[redacted]	
Test Failed Since Last Clear	[redacted]	
Test Not Completed This Operation Cycle	[redacted]	
Warning Indicator Requested	[redacted]	
DTC Extended Data Record Number	[redacted]	
Occurrence flag	[redacted]	
Original Odometer Value	[redacted]	[redacted]
Most Recent Odometer Value	[redacted]	[redacted]
Frequency Counter	[redacted]	
Ignition Cycle Counter	[redacted]	
Microcontroller reset reason - Core 0	[redacted]	
Microcontroller reset reason Core 1	[redacted]	
Real time clock	[redacted]	[redacted]
RAM stamps keyOn	[redacted]	[redacted]
RAM Stamps	[redacted]	[redacted]
Accelerator Pedal Position	[redacted]	[redacted]
Barometric Pressure	[redacted]	[redacted]
Engine Coolant Temperature	[redacted]	[redacted]
Engine Speed	[redacted]	[redacted]
Vehicle Speed	[redacted]	[redacted]
HV Battery SOC	[redacted]	[redacted]
Brake Switch Status	[redacted]	
Battery Feed Voltage 1 Sense	[redacted]	[redacted]
Battery Feed Voltage 2 Sense	[redacted]	[redacted]
Battery Feed Voltage 3 Sense	[redacted]	[redacted]
Internal EPS Voltage Sense A	[redacted]	[redacted]
Internal EPS Voltage Sense B	[redacted]	[redacted]
Hybrid System State	[redacted]	
Actual Torque Motor A	[redacted]	[redacted]

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



Actual Torque Motor B	[redacted]
Available Motor Torque - Motor A	[redacted]
Available Motor Torque Motor B	[redacted]
Available Regen Torque - Motor A	[redacted]
Available Regen Torque Motor B	[redacted]
Commanded Torque Motor A	[redacted]
Commanded Torque - Motor B	[redacted]
Motor A Inverter Current phase A	[redacted]
Motor A Inverter Current - phase B	[redacted]
Motor A Inverter Current phase C	[redacted]
Motor B - Inverter Current - phase A	[redacted]
Motor B - Inverter Current - phase B	[redacted]
Motor B Inverter Current phase C	[redacted]
Motor A Resolver Angle	[redacted]
Motor B Resolver Angle	[redacted]
Motor A Temp Sensor	[redacted]
Motor B Temp Sensor	[redacted]
Outside Air Temperature	[redacted]
Ignition State	[redacted]
HCP ePT Wake Up Output	[redacted]
CBC Wake-Up Input	[redacted]
EPT LOC Diag Enable	[redacted]
Propulsion System Active	[redacted]
HV Contactor Status	[redacted]
HV Battery Voltage from BPCM	[redacted]
Electric Motor A Speed	[redacted]
Electric Motor B Speed	[redacted]
PIM DC Link Voltage A	[redacted]
PIM DC Link Voltage - B	[redacted]
Inverter A IGBT Temperature for phase A	[redacted]
Inverter A IGBT Temperature for phase B	[redacted]
Inverter A IGBT Temperature for phase C	[redacted]
Inverter B IGBT Temperature for phase A	[redacted]
Inverter B IGBT Temperature for phase B	[redacted]
Inverter B IGBT Temperature for phase C	[redacted]
APM Status	[redacted]
Impact Event	[redacted]
PRND Position Display	[redacted]
HCP System Shutdown Command	[redacted]
PHEV Charging Status	[redacted]
Distance Travelled with Light ON	0
OBCM Operating Mode	[redacted]

SessionID # [redacted]

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

J1772 Prox Detected State	Prox Out
HV Battery Sleep Time	[redacted]
SW Build Release Version	[redacted]
HCP SW Version	[redacted]
High Voltage bus voltage fault status	[redacted]
Lv1 Engine Speed	[redacted]
Lv1 Vehicle Speed	[redacted]
Lv1 Ignition State	[redacted]
Commanded Ignition State	[redacted]
Ignition Switch	[redacted]
HV Battery Contactor Fault Active	[redacted]
eMotor A Mode Command	[redacted]
HV Battery Contractor State	[redacted]
Lv2 Vehicle Speed	[redacted]
Lv1 In Field Mode	[redacted]
Lv1 Resolver Offset Learn	[redacted]
Lv2 CAN-C BusOff	[redacted]
Lv2 CAN ePT BusOff	[redacted]
Lv1 Post Code Clear Diag Disabled	[redacted]
CAN Key Status Fault Active	[redacted]
Lv2 Test Device Present	[redacted]
Lv2 Output Torque Max Limit Fail	[redacted]
Lv2 Output Torque Min Limit Fail	[redacted]
Lv1 Diagnostic System Disabled	[redacted]
Lv1 Disabled Diagnotic Fail Safe	[redacted]
CAN Hybrid Feedback ECM	[redacted]
eMotor B Mode Command	[redacted]
Motor A Inverter SW Command	[redacted]
Motor B Inverter SW Command	[redacted]
Lv2 Output Torque Command Fault	[redacted]
Lv1 Retarded Shutdown	[redacted]
Lv1 System Shutdown	[redacted]
Lv2 Motor Mode Failure	[redacted]
Lv2 Key Run Crank Active	[redacted]
Lv2 CAN Key In Run	[redacted]
Lv2 Motor Mode Monitor Not Allowed	[redacted]
Lv2 Motor Mode Falling	[redacted]
Lv2 Motor Mode Monitor Set	[redacted]
Lv2 Prime Running	[redacted]
Lv2 Motor Mode Fault Count	[redacted]
HCP Level 2 Commanded Reduced Performance Torque	[redacted]
HCP Level 2 Flag to trigger Reduced Performance Mode	[redacted]

SessionID # [redacted]

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

HCP Level 2 Output Torque Monitor Failing Max Lim Violated	[redacted]	
HCP Level 2 Output Torque Monitor Failing - Min Lim Violated	[redacted]	
HCP Level 2 Output Torque Monitor Failed Max Lim Violated	[redacted]	
HCP Level 2 Output Torque Monitor Failed - Min Lim Violated	[redacted]	
HCP Level 2 Regen Monitor Fault	[redacted]	
HCP Level 2 Reduced Performance Mode	[redacted]	[redacted]
GPS Date - Year	[redacted]	[redacted]
GPS Date Month	[redacted]	
GPS Date - Day	[redacted]	[redacted]
UTC Time Hours	[redacted]	[redacted]
UTC Time - Minutes	[redacted]	
UTC Time - Seconds	[redacted]	[redacted]
ECU Time Milliseconds	[redacted]	[redacted]

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

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

NAME	VALUE	UNITS
DTC	[redacted]	
Test Failed	[redacted]	
Test Failed This Operation Cycle	[redacted]	
Pending DTC	[redacted]	
Confirmed DTC	[redacted]	
Test Not Completed Since Last Clear	[redacted]	
Test Failed Since Last Clear	[redacted]	
Test Not Completed This Operation Cycle	[redacted]	
Warning Indicator Requested	[redacted]	
DTC Extended Data Record Number	[redacted]	
Occurrence flag	[redacted]	
Original Odometer Value	[redacted]	miles
Most Recent Odometer Value	[redacted]	miles
Frequency Counter	[redacted]	
Ignition Cycle Counter	[redacted]	
Microcontroller reset reason Core 0	[redacted]	
Microcontroller reset reason - Core 1	[redacted]	
Real time clock	[redacted]	[redacted]
RAM stamps keyOn	[redacted]	[redacted]
RAM Stamps	[redacted]	[redacted]
Accelerator Pedal Position	[redacted]	%
Barometric Pressure	[redacted]	[redacted]
Engine Coolant Temperature	[redacted]	[redacted]
Engine Speed	[redacted]	[redacted]
Vehicle Speed	[redacted]	[redacted]
HV Battery SOC	[redacted]	[redacted]

Brake Switch Status	Not Applied
Battery Feed Voltage 1 Sense	[redacted]
Battery Feed Voltage 2 Sense	[redacted]
Battery Feed Voltage 3 Sense	[redacted]
Internal EPS Voltage Sense A	[redacted]
Internal EPS Voltage Sense B	[redacted]
Hybrid System State	[redacted]
Actual Torque Motor A	[redacted]
Actual Torque - Motor B	[redacted]
Available Motor Torque Motor A	[redacted]
Available Motor Torque - Motor B	[redacted]
Available Regen Torque - Motor A	[redacted]
Available Regen Torque Motor B	[redacted]
Commanded Torque - Motor A	[redacted]
Commanded Torque Motor B	[redacted]
Motor A - Inverter Current - phase A	[redacted]
Motor A - Inverter Current - phase B	[redacted]
Motor A Inverter Current phase C	[redacted]
Motor B - Inverter Current - phase A	[redacted]
Motor B Inverter Current phase B	[redacted]
Motor B - Inverter Current - phase C	[redacted]
Motor A Resolver Angle	[redacted]
Motor B Resolver Angle	[redacted]
Motor A Temp Sensor	[redacted]
Motor B Temp Sensor	[redacted]
Outside Air Temperature	[redacted]
Ignition State	[redacted]
HCP ePT Wake Up Output	[redacted]
CBC Wake-Up Input	[redacted]
EPT LOC Diag Enable	[redacted]
Propulsion System Active	[redacted]
HV Contactor Status	[redacted]
HV Battery Voltage from BPCM	[redacted]
Electric Motor A Speed	[redacted]
Electric Motor B Speed	[redacted]
PIM DC Link Voltage - A	[redacted]
PIM DC Link Voltage B	[redacted]
Inverter A IGBT Temperature for phase A	[redacted]
Inverter A IGBT Temperature for phase B	[redacted]
Inverter A IGBT Temperature for phase C	[redacted]
Inverter B IGBT Temperature for phase A	[redacted]
Inverter B IGBT Temperature for phase B	[redacted]

SessionID # [redacted]

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

Inverter B IGBT Temperature for phase C	[redacted]	[redacted]
APM Status	[redacted]	
Impact Event	[redacted]	
PRND Position Display	[redacted]	
HCP System Shutdown Command	[redacted]	
PHEV Charging Status	[redacted]	
Distance Travelled with Light ON	[redacted]	[redacted]
OBCM Operating Mode	[redacted]	
J1772 Prox Detected State	[redacted]	
HV Battery Sleep Time	[redacted]	[redacted]
SW Build Release Version	[redacted]	
HCP SW Version	[redacted]	
High Voltage bus voltage fault status	[redacted]	
Lv1 Engine Speed	[redacted]	[redacted]
Lv1 Vehicle Speed	[redacted]	[redacted]
Lv1 Ignition State	[redacted]	
Commanded Ignition State	[redacted]	
Ignition Switch	[redacted]	
HV Battery Contactor Fault Active	[redacted]	
eMotor A Mode Command	[redacted]	
HV Battery Contractor State	[redacted]	
Lv2 Vehicle Speed	[redacted]	MPH
Lv1 In Field Mode	[redacted]	
Lv1 Resolver Offset Learn	[redacted]	
Lv2 CAN C BusOff	[redacted]	
Lv2 CAN-ePT BusOff	[redacted]	
Lv1 Post Code Clear Diag Disabled	[redacted]	
CAN Key Status Fault Active	[redacted]	
Lv2 Test Device Present	[redacted]	
Lv2 Output Torque Max Limit Fail	[redacted]	
Lv2 Output Torque Min Limit Fail	[redacted]	
Lv1 Diagnostic System Disabled	[redacted]	
Lv1 Disabled Diagnotic Fail Safe	[redacted]	
CAN Hybrid Feedback ECM	[redacted]	
eMotor B Mode Command	[redacted]	
Motor A Inverter SW Command	[redacted]	
Motor B Inverter SW Command	[redacted]	
Lv2 Output Torque Command Fault	[redacted]	
Lv1 Retarded Shutdown	[redacted]	
Lv1 System Shutdown	[redacted]	
Lv2 Motor Mode Failure	[redacted]	
Lv2 Key Run Crank Active	[redacted]	

SessionID # [redacted]

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Lv2 CAN Key In Run	[redacted]	
Lv2 Motor Mode Monitor Not Allowed	[redacted]	
Lv2 Motor Mode Falling	[redacted]	
Lv2 Motor Mode Monitor Set	[redacted]	
Lv2 Prime Running	[redacted]	
Lv2 Motor Mode Fault Count	[redacted]	
HCP Level 2 Commanded Reduced Performance Torque	[redacted]	[redacted]
HCP Level 2 Flag to trigger Reduced Performance Mode	[redacted]	
HCP Level 2 Output Torque Monitor Failing - Max Lim Violated	[redacted]	
HCP Level 2 Output Torque Monitor Failing Min Lim Violated	[redacted]	
HCP Level 2 Output Torque Monitor Failed - Max Lim Violated	[redacted]	
HCP Level 2 Output Torque Monitor Failed - Min Lim Violated	[redacted]	
HCP Level 2 Regen Monitor Fault	[redacted]	
HCP Level 2 Reduced Performance Mode	[redacted]	[redacted]
GPS Date Year	[redacted]	Year
GPS Date - Month	[redacted]	
GPS Date - Day	[redacted]	[redacted]
UTC Time Hours	[redacted]	[redacted]
UTC Time - Minutes	[redacted]	
UTC Time Seconds	[redacted]	[redacted]
ECU Time - Milliseconds	[redacted]	[redacted]

SNAPSHOT DATA SUMMARY

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)