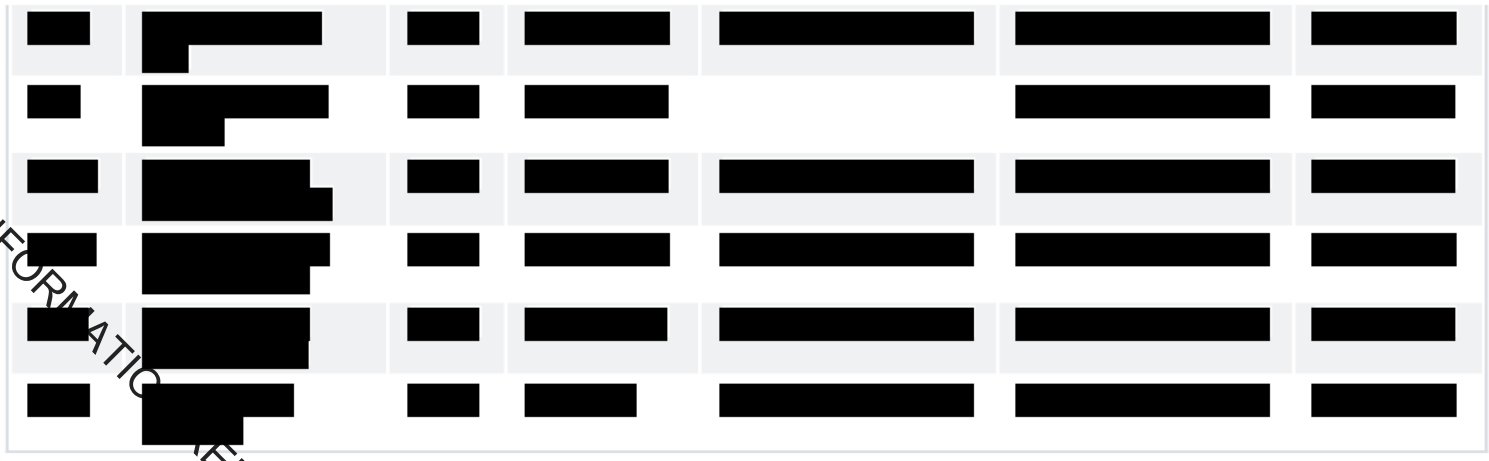
INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)

VEHICLE SCAN REPORT

[redacted]

ECU SUMMARY INFO

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



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

ECU SUMMARY INFO (CONT...)

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

DTC SUMMARY

Sess onID #

ECU	DTC CODE	DTC DESCRIPTION	STATUS
TCM	[redacted]	[redacted]	[redacted]
TCM	[redacted]	[redacted]	[redacted]
HCP	[redacted]	[redacted]	[redacted]
HCP	[redacted]	[redacted]	[redacted]
HCP	[redacted]	[redacted]	[redacted]
TBM2	[redacted]		[redacted]

ENVIRONMENTAL DATA SUMMARY

TCM | [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 All	[redacted]	
Occurrence flag	[redacted]	
Original Odometer Value	[redacted]	miles
Most Recent Odometer Value	[redacted]	miles
Frequency Counter	[redacted]	
Ignition Cycle Counter	[redacted]	

TCM | [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 All	[redacted]	
Occurrence flag	[redacted]	
Original Odometer Value	[redacted]	miles

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

Most Recent Odometer Value	[redacted]	miles
Frequency Counter	[redacted]	
Ignition Cycle Counter	[redacted]	

HCP | [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]	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]	sec
RAM stamps keyOn	[redacted]	sec
RAM Stamps	[redacted]	Min
Accelerator Pedal Position	[redacted]	%
Barometric Pressure	[redacted]	PSI
Engine Coolant Temperature	[redacted]	°F
Engine Speed	[redacted]	rpm
Vehicle Speed	[redacted]	MPH
HV Battery SOC	[redacted]	%
Brake Switch Status	[redacted]	
Battery Feed Voltage 1 Sense	[redacted]	Volts
Battery Feed Voltage 2 Sense	[redacted]	Volts
Battery Feed Voltage 3 Sense	[redacted]	Volts
Internal EPS Voltage Sense A	[redacted]	Volts
Internal EPS Voltage Sense B	[redacted]	Volts
Hybrid System State	[redacted]	
Actual Torque Motor A	[redacted]	Ft Lbs
Actual Torque - Motor B	[redacted]	Ft-Lbs
Available Motor Torque Motor A	[redacted]	Ft Lbs

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Available Motor Torque Motor B	[redacted]	Ft Lbs
Available Regen Torque - Motor A	[redacted]	Ft-Lbs
Available Regen Torque Motor B	[redacted]	Ft Lbs
Commanded Torque - Motor A	[redacted]	Ft-Lbs
Commanded Torque Motor B	[redacted]	Ft Lbs
Motor A Inverter Current phase A	[redacted]	AMP
Motor A - Inverter Current - phase B	[redacted]	AMP
Motor A Inverter Current phase C	[redacted]	AMP
Motor B Inverter Current - phase A	[redacted]	AMP
Motor B Inverter Current phase B	[redacted]	AMP
Motor B - Inverter Current - phase C	[redacted]	AMP
Motor A Resolver Angle	[redacted]	Degree
Motor B Resolver Angle	[redacted]	Degree
Motor A Temp Sensor	[redacted]	°F
Motor B Temp Sensor	[redacted]	°F
Outside Air Temperature	[redacted]	°F
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]	Volts
Electric Motor A Speed	[redacted]	rpm
Electric Motor B Speed	[redacted]	rpm
PIM DC Link Voltage - A	[redacted]	Volts
PIM DC Link Voltage B	[redacted]	Volts
Inverter A IGBT Temperature for phase A	[redacted]	°F
Inverter A IGBT Temperature for phase B	[redacted]	°F
Inverter A IGBT Temperature for phase C	[redacted]	°F
Inverter B IGBT Temperature for phase A	[redacted]	°F
Inverter B IGBT Temperature for phase B	[redacted]	°F
Inverter B IGBT Temperature for phase C	[redacted]	°F
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]	miles
OBCM Operating Mode	[redacted]	
J1772 Prox Detected State	[redacted]	
HV Battery Sleep Time	[redacted]	Days

Sess onID # [redacted]

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

SW Build Release Version	[redacted]	
HCP SW Version	[redacted]	
High Voltage bus voltage fault status	[redacted]	
Lv1 Engine Speed	[redacted]	rpm
Lv1 Vehicle Speed	[redacted]	MPH
Lv1 Ignition State	[redacted]	
Commanded Ignition State	[redacted]	
Ignition Switch	[redacted]	
HV Battery Contactor Fault Active	[redacted]	
eMotor A Mode Command	[redacted]	
HV Battery Contactor 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]	
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]	Ft-Lbs
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]	

Sess onID # [redacted]

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

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]	Count
GPS Date Year	[redacted]	Year
GPS Date Month	[redacted]	
GPS Date - Day	[redacted]	Days
UTC Time Hours	[redacted]	Hours
UTC Time Minutes	[redacted]	
UTC Time Seconds	[redacted]	seconds
ECU Time - Milliseconds	[redacted]	ms

HCP | [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]	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]	sec
RAM stamps keyOn	[redacted]	sec
RAM Stamps	[redacted]	Min
Accelerator Pedal Position	[redacted]	%
Barometric Pressure	[redacted]	PSI
Engine Coolant Temperature	[redacted]	°F
Engine Speed	[redacted]	rpm
Vehicle Speed	[redacted]	MPH
HV Battery SOC	[redacted]	%
Brake Switch Status	[redacted]	
Battery Feed Voltage 1 Sense	[redacted]	Volts

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

Battery Feed Voltage 2 Sense	[redacted]	Volts
Battery Feed Voltage 3 Sense	[redacted]	Volts
Internal EPS Voltage Sense A	[redacted]	Volts
Internal EPS Voltage Sense B	[redacted]	Volts
Hybrid System State	[redacted]	
Actual Torque Motor A	[redacted]	Ft Lbs
Actual Torque - Motor B	[redacted]	Ft-Lbs
Available Motor Torque Motor A	[redacted]	Ft Lbs
Available Motor Torque - Motor B	[redacted]	Ft-Lbs
Available Regen Torque Motor A	[redacted]	Ft Lbs
Available Regen Torque - Motor B	[redacted]	Ft-Lbs
Commanded Torque - Motor A	[redacted]	Ft-Lbs
Commanded Torque Motor B	[redacted]	Ft Lbs
Motor A - Inverter Current - phase A	[redacted]	AMP
Motor A Inverter Current phase B	[redacted]	AMP
Motor A - Inverter Current - phase C	[redacted]	AMP
Motor B - Inverter Current - phase A	[redacted]	AMP
Motor B Inverter Current phase B	[redacted]	AMP
Motor B - Inverter Current - phase C	[redacted]	AMP
Motor A Resolver Angle	[redacted]	Degree
Motor B Resolver Angle	[redacted]	Degree
Motor A Temp Sensor	[redacted]	°F
Motor B Temp Sensor	[redacted]	°F
Outside Air Temperature	[redacted]	°F
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]	
[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	rpm
Electric Motor B Speed	[redacted]	rpm
PIM DC Link Voltage - A	[redacted]	Volts
PIM DC Link Voltage B	[redacted]	Volts
Inverter A IGBT Temperature for phase A	[redacted]	°F
Inverter A IGBT Temperature for phase B	[redacted]	°F
Inverter A IGBT Temperature for phase C	[redacted]	°F
Inverter B IGBT Temperature for phase A	[redacted]	°F
Inverter B IGBT Temperature for phase B	[redacted]	°F
Inverter B IGBT Temperature for phase C	[redacted]	°F
APM Status	[redacted]	

Sess onID # [redacted]

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

Impact Event	[redacted]	
PRND Position Display	[redacted]	
HCP System Shutdown Command	[redacted]	
PHEV Charging Status	[redacted]	
Distance Travelled with Light ON	[redacted]	miles
OBCM Operating Mode	[redacted]	
J1772 Prox Detected State	[redacted]	
HV Battery Sleep Time	[redacted]	Days
SW Build Release Version	[redacted]	
HCP SW Version	[redacted]	
High Voltage bus voltage fault status	[redacted]	
Lv1 Engine Speed	[redacted]	rpm
Lv1 Vehicle Speed	[redacted]	MPH
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]	
[redacted]	[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]	

Sess onID # [redacted]

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

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]	Ft Lbs
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]	Count
GPS Date Year	[redacted]	Year
GPS Date - Month	[redacted]	
GPS Date Day	[redacted]	Days
UTC Time - Hours	[redacted]	Hours
UTC Time - Minutes	[redacted]	
UTC Time Seconds	[redacted]	seconds
ECU Time - Milliseconds	[redacted]	ms

HCP | [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]	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]	sec
RAM stamps keyOn	[redacted]	sec
RAM Stamps	[redacted]	Min

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Accelerator Pedal Position	[redacted]	%
Barometric Pressure	[redacted]	PSI
Engine Coolant Temperature	[redacted]	°F
Engine Speed	[redacted]	rpm
Vehicle Speed	[redacted]	MPH
HV Battery SOC	[redacted]	%
Brake Switch Status	[redacted]	
Battery Feed Voltage 1 Sense	[redacted]	Volts
Battery Feed Voltage 2 Sense	[redacted]	Volts
Battery Feed Voltage 3 Sense	[redacted]	Volts
Internal EPS Voltage Sense A	[redacted]	Volts
Internal EPS Voltage Sense B	[redacted]	Volts
Hybrid System State	[redacted]	
Actual Torque - Motor A	[redacted]	Ft-Lbs
Actual Torque Motor B	[redacted]	Ft Lbs
Available Motor Torque - Motor A	[redacted]	Ft-Lbs
Available Motor Torque - Motor B	[redacted]	Ft-Lbs
Available Regen Torque Motor A	[redacted]	Ft Lbs
Available Regen Torque - Motor B	[redacted]	Ft-Lbs
Commanded Torque Motor A	[redacted]	Ft Lbs
Commanded Torque - Motor B	[redacted]	Ft-Lbs
Motor A - Inverter Current - phase A	[redacted]	AMP
Motor A Inverter Current phase B	[redacted]	AMP
Motor A - Inverter Current - phase C	[redacted]	AMP
Motor B Inverter Current phase A	[redacted]	AMP
Motor B - Inverter Current - phase B	[redacted]	AMP
Motor B Inverter Current phase C	[redacted]	AMP
Motor A Resolver Angle	[redacted]	Degree
Motor B Resolver Angle	[redacted]	Degree
Motor A Temp Sensor	[redacted]	°F
Motor B Temp Sensor	[redacted]	°F
Outside Air Temperature	[redacted]	°F
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]	Volts
Electric Motor A Speed	[redacted]	rpm
Electric Motor B Speed	[redacted]	rpm
PIM DC Link Voltage A	[redacted]	Volts

Sess onID # [redacted]

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

PIM DC Link Voltage B	[redacted]	Volts
Inverter A IGBT Temperature for phase A	[redacted]	°F
Inverter A IGBT Temperature for phase B	[redacted]	°F
Inverter A IGBT Temperature for phase C	[redacted]	°F
Inverter B IGBT Temperature for phase A	[redacted]	°F
Inverter B IGBT Temperature for phase B	[redacted]	°F
Inverter B IGBT Temperature for phase C	[redacted]	°F
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]	miles
OBCM Operating Mode	[redacted]	
J1772 Prox Detected State	[redacted]	
HV Battery Sleep Time	[redacted]	Days
SW Build Release Version	[redacted]	
HCP SW Version	[redacted]	
High Voltage bus voltage fault status	[redacted]	
HV Battery Voltage	[redacted]	Volts
HV Battery Voltage fault status	[redacted]	
APM HV Voltage	[redacted]	Volts
APM HV Voltage fault status	[redacted]	
ECH HV Voltage	[redacted]	Volts
ECH HV Voltage fault status	[redacted]	
EAC HV Voltage	[redacted]	Volts
EAC HV Voltage fault status	[redacted]	
HV Battery Contactor Status FA	[redacted]	
DAP Contactor Open	[redacted]	
Air PTC Heater HV Voltage	[redacted]	Volts
Air PTC Heater HV Voltage Fault Status	[redacted]	
DBK Heater HV Voltage	[redacted]	Volts
DBK Heater HV Voltage Fault Status	[redacted]	
High Voltage Interlock Status	[redacted]	
Engine WarmpUp Cycle Complete	[redacted]	
Charging System Status	[redacted]	
Charging Level	[redacted]	
High Voltage Contactor Control	[redacted]	
GPS Date - Year	[redacted]	Year
GPS Date Month	[redacted]	
GPS Date - Day	[redacted]	Days
UTC Time Hours	[redacted]	Hours

Sess onID #[redacted]

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

[redacted]	[redacted]	
UTC Time - Seconds	[redacted]	seconds
ECU Time Milliseconds	[redacted]	ms

No Environmental Data available for [redacted]

SNAPSHOT DATA SUMMARY

No Snapshot Data available for [redacted]

No Snapshot Data available for [redacted]

No Snapshot Data available for [redacted]

No Snapshot Data available for [redacted]

[redacted]

No Snapshot Data available for [redacted]

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