


WI
TECH 2.0

FREEZE FRAME REPORT

 Vehicle [REDACTED]

FREEZE FRAME DATA

Carb

 CODE: [REDACTED] ECU: PCM

NAME	VALUE	UNITS
Turbo Torque Count	0	Counts
Commanded Equivalence Ratio		
MAP		PSI
Control Module Volts		V
Ethanol Trigger On Fuel Vol Fault		
Low Ethanol Therm Mgmnt Flag		
APP 2 Voltage		Volts
Commanded EGR Duty Cycle		%
Air Charge Temp - Bank 2		°F
Freeze Frame MAP Vacuum		in Hg
Current Adaptive Cell ID		
Throttle Flow Multiplicative Adaptive		Mult
Turbo PRatio		PRatio
Relative Throttle Position		%
Freeze Frame DTC Priority		
TPS 2 Voltage		Volts
Short Term Fuel Trim - Bank 1		%
ETC Motor Directional Duty Cycle		%DC
AC Switch		
Turbo Boost Timer		ms
Throttle Outlet Temp		°F
Fuel Level Percent		%
Intake Air Charge Temp		°F
Engine RPM		rpm
Alcohol Fuel Percent		%
Spark Advance		degrees
Freeze Frame Engine Coolant Temp		°F
Brake Switch 2		

 SessionID # [REDACTED]

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

AC Clutch	
Cooled EGR Temp	deg C/s
PCM Odometer	miles
H-Bridge Circuit	
Air Charge Temp - Bank 1	°F
Purge Duty Cycle	%
O2R Error	
Brake Switch Pressed	
Freeze Frame Caused by DTC	
Throttle Flow Adaptive	g/s
Barometric Pressure	PSI
TPS 1 Voltage	Volts
Closed Loop with DTC - Bank 1	
Battery Voltage	Volts
Low Ethanol PWR Enrich Flag	
PCM Mileage Since MIL On	miles
Calculated MAP	PSI
Turbo Airport Mass Flow	g/s
Catalyst Temp	°F
Throttle Inlet Pressure	PSI
Fuel Rail Pressure	PSI
Fuel Type Being Used	
Ambient Air Temperature	°F
Closed Loop - Bank 1	
Long Term Fuel Trim - Bank 1	%
Absolute Load Value	%
Potential Torque	Ft-Lbs
Engine Load	%
Ethanol Gas For Sure	
Fuel Rail Pressure	kPa
MAP Voltage	Volts
Vehicle Speed	MPH
ETC Motor Duty Cycle	%DC
Phi Adaption Value	Mult
Purge Solenoid Current	mA
Time Since Run / Start	seconds
APP 1 Voltage	Volts
Ethanol Fine Tune Complete Prev	
Brake Switch 1	
Fuel Tank Pressure	Pa
Mass Airflow Rate	g/s
APP Pedal Percent	%
Actual Torque	Ft-Lbs
Ignition Run/Start Switch	

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Commanded Throttle Actuator Control

%

Freeze Frame #1

CODE: [REDACTED] ECU: PCM

NAME	VALUE	UNITS
Time Since Run / Start	[REDACTED]	seconds
Purge Duty Cycle	[REDACTED]	%
Long Term Fuel Trim - Bank 2	[REDACTED]	%
MAP - Bank 2	[REDACTED]	PSI
TPS 1 Voltage	[REDACTED]	Volts
MAP Voltage	[REDACTED]	Volts
Potential Torque	[REDACTED]	Ft-Lbs
Actual Torque	[REDACTED]	Ft-Lbs
Alcohol Fuel Percent	[REDACTED]	%
Fuel Level Percent	[REDACTED]	%
TPS 2 Voltage	[REDACTED]	Volts
Fuel Tank Pressure	[REDACTED]	Pa
Commanded EGR Duty Cycle	[REDACTED]	%
Low Ethanol Therm Mgmnt Flag	[REDACTED]	
MAP - Bank 1	[REDACTED]	PSI
Closed Loop - Bank 1	[REDACTED]	
Ignition Run/Start Switch	[REDACTED]	
Turbo Boost Timer	[REDACTED]	ms
Commanded Equivalence Ratio	[REDACTED]	
Ethanol Trigger On Fuel Vol Fault	[REDACTED]	
AC Clutch	[REDACTED]	
Brake Switch 1	[REDACTED]	
Short Term Fuel Trim - Bank 1	[REDACTED]	%
Throttle Outlet Pressure	[REDACTED]	PSI
Purge Solenoid Current	[REDACTED]	mA
MAP	[REDACTED]	PSI
Barometric Pressure	[REDACTED]	PSI
Turbo Torque Count	[REDACTED]	Counts
Spark Advance	[REDACTED]	degrees
Air Charge Temp - Bank 1	[REDACTED]	°F
EGR Error	[REDACTED]	%
Throttle Outlet Temp	[REDACTED]	°F
Absolute Load Value	[REDACTED]	%
Freeze Frame Caused by DTC	[REDACTED]	
Control Module Volts	[REDACTED]	Volts
Freeze Frame DTC Priority	[REDACTED]	
AC Switch	[REDACTED]	
Long Term Fuel Trim - Bank 1	[REDACTED]	%
Relative Throttle Position	[REDACTED]	%

Commanded Throttle Actuator Control	%
Throttle Flow Adaptive	g/s
APP Pedal Percent	%
Battery Voltage	Volts
Engine Coolant Temperature	°F
ETC Motor Duty Cycle	%DC
Catalyst Temp	°F
Ethanol Gas For Sure	
Turbo Inlet Mass Flow	g/s
Engine Load	%
APP 1 Voltage	Volts
PCM Odometer	miles
Intake Air Charge Temp	°F
ETC Motor Directional Duty Cycle	%DC
H-Bridge Circuit	
Ethanol Fine Tune Complete Prev	
Air Charge Temp - Bank 2	°F
Phi Adaption Value	Mult
Brake Switch 2	
Turbo PRatio	PRatio
Vehicle Speed	MPH
Low Ethanol PWR Enrich Flag	
Vacuum	in Hg
Fuel Rail Pressure	PSI
Mass Airflow Rate	g/s
Ambient Air Temperature	°F
Brake Switch Pressed	
Current Adaptive Cell ID	
Throttle Inlet Pressure	PSI
Calculated MAP	PSI
Throttle Flow Multiplicative Adaptive	Mult
APP 2 Voltage	Volts
Closed Loop with DTC - Bank 1	
Fuel Type Being Used	
PCM Mileage Since MIL On	miles
Engine RPM	rpm
Intermediate MAP	PSI
Fuel Rail Pressure	kPa
Cooled EGR Temp	deg C/s

Freeze Frame #2**CODE: U0402 | ECU: PCM**

NAME	VALUE	UNITS
Low Ethanol Therm Mgmnt Flag		

Cooled EGR Temp	deg C/s
Potential Torque	Ft-Lbs
Turbo PRatio	PRatio
Throttle Flow Adaptive	g/s
Actual Torque	Ft-Lbs
Time Since Run / Start	seconds
EGR Error	%
Brake Switch Pressed	
Fuel Rail Pressure	kPa
Ignition Run/Start Switch	
Absolute Load Value	%
MAP - Bank 1	PSI
Long Term Fuel Trim - Bank 1	%
Engine RPM	rpm
Ethanol Gas For Sure	
Air Charge Temp - Bank 1	°F
Freeze Frame DTC Priority	
Relative Throttle Position	%
TPS 1 Voltage	Volts
Brake Switch 1	
Commanded Equivalence Ratio	
Engine Load	%
AC Clutch	
Intake Air Charge Temp	°F
Catalyst Temp	°F
PCM Odometer	miles
AC Switch	
Closed Loop with DTC - Bank 1	
APP 2 Voltage	Volts
Throttle Outlet Temp	°F
Fuel Type Being Used	
ETC Motor Duty Cycle	%DC
Air Charge Temp - Bank 2	°F
Fuel Rail Pressure	PSI
MAP Voltage	Volts
Engine Coolant Temperature	°F
Throttle Inlet Pressure	PSI
Throttle Flow Multiplicative Adaptive	Mult
Intermediate MAP	PSI
H-Bridge Circuit	
Freeze Frame Caused by DTC	
PCM Mileage Since MIL On	miles
Closed Loop - Bank 1	
Battery Voltage	Volts

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ETC Motor Directional Duty Cycle	%DC
TPS 2 Voltage	Volts
MAP - Bank 2	PSI
Control Module Volts	Volts
Purge Duty Cycle	%
Current Adaptive Cell ID	
Throttle Outlet Pressure	PSI
Fuel Level Percent	%
Low Ethanol PWR Enrich Flag	
Spark Advances	degrees
Phi Adaption Value	Mult
Commanded EGR Duty Cycle	%
MAP	PSI
Vacuum	in Hg
Brake Switch 2	
Turbo Torque Count	Counts
Calculated MAP	PSI
Ethanol Fine Tune Complete Prev	
Fuel Tank Pressure	Pa
Turbo Airport Mass Flow	g/s
Barometric Pressure	PSI
Ethanol Trigger On Fuel Vol Fault	
APP 1 Voltage	Volts
Vehicle Speed	MPH
Commanded Throttle Actuator Control	%
APP Pedal Percent	%
Purge Solenoid Current	mA
Ambient Air Temperature	°F
Short Term Fuel Trim - Bank 1	%
Turbo Boost Timer	ms
Alcohol Fuel Percent	%
Mass Airflow Rate	g/s

Freeze Frame #3

CODE: [REDACTED] | ECU: PCM

NAME	VALUE	UNITS
MAP	[REDACTED]	PSI
Turbo Airport Mass Flow	[REDACTED]	g/s
ETC Motor Directional Duty Cycle	[REDACTED]	%DC
Barometric Pressure	[REDACTED]	PSI
Turbo Torque Count	[REDACTED]	Counts
Absolute Load Value	[REDACTED]	%
PCM Odometer	[REDACTED]	miles
APP 2 Voltage	[REDACTED]	Volts

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Air Charge Temp - Bank 2	°F
Closed Loop with DTC - Bank 1	
Air Charge Temp - Bank 1	°F
Commanded EGR Duty Cycle	%
Purge Duty Cycle	%
Fuel Type Being Used	
Brake Switch Pressed	
Freeze Frame Caused by DTC	
Engine RPM	rpm
Throttle Outlet Pressure	PSI
Catalyst Temp	°F
Ambient Air Temperature	°F
Closed Loop - Bank 1	
Commanded Throttle Actuator Control	%
Fuel Tank Pressure	Pa
Ethanol Gas For Sure	
Fuel Level Percent	%
Freeze Frame DTC Priority	
Engine Load	%
Cooled EGR Temp	deg C/s
Fuel Rail Pressure	kPa
Battery Voltage	Volts
Vacuum	in Hg
Engine Coolant Temperature	°F
Brake Switch 2	
TPS 1 Voltage	Volts
Throttle Flow Adaptive	g/s
AC Switch	
Relative Throttle Position	%
Low Ethanol Therm Mgmnt Flag	
Throttle Outlet Temp	°F
Alcohol Fuel Percent	%
Spark Advance	degrees
Throttle Inlet Pressure	PSI
APP 1 Voltage	Volts
Fuel Rail Pressure	PSI
Mass Airflow Rate	g/s
H-Bridge Circuit	
Brake Switch 1	
Commanded Equivalence Ratio	
Vehicle Speed	MPH
Potential Torque	Ft-Lbs
Ethanol Fine Tune Complete Prev	
Intake Air Charge Temp	°F

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Throttle Flow Multiplicative Adaptive	Mult
Calculated MAP	PSI
MAP - Bank 1	PSI
Turbo PRatio	PRatio
EGR Error	%
PCM Mileage Since MIL On	miles
MAP Voltage	Volts
APP Pedal Percent	%
Ethanol Trigger On Fuel Vol Fault	
Turbo Boost Timer	ms
Low Ethanol PWR Enrich Flag	
AC Clutch	
Current Adaptive Cell ID	
Time Since Run / Start	seconds
MAP - Bank 2	PSI
Phi Adaption Value	Mult
Purge Solenoid Current	mA
Actual Torque	Ft-Lbs
ETC Motor Duty Cycle	%DC
Ignition Run/Start Switch	
Short Term Fuel Trim - Bank 1	%
Long Term Fuel Trim - Bank 1	%
Intermediate MAP	PSI
Control Module Volts	Volts
TPS 2 Voltage	Volts

Freeze Frame #4

CODE: [REDACTED] | ECU: PCM

NAME	VALUE	UNITS
Throttle Inlet Pressure	[REDACTED]	PSI
Throttle Outlet Pressure	[REDACTED]	PSI
Spark Advance	[REDACTED]	degrees
Long Term Fuel Trim - Bank 1	[REDACTED]	%
APP 1 Voltage	[REDACTED]	Volts
Turbo Boost Timer	[REDACTED]	ms
Brake Switch 1	[REDACTED]	
TPS 2 Voltage	[REDACTED]	Volts
APP 2 Voltage	[REDACTED]	Volts
Freeze Frame Caused by DTC	[REDACTED]	
Engine RPM	[REDACTED]	rpm
TPS 1 Voltage	[REDACTED]	Volts
Brake Switch 2	[REDACTED]	
Potential Torque	[REDACTED]	Ft-Lbs
Absolute Load Value	[REDACTED]	%

Turbo Torque Count	Counts
Vacuum	in Hg
Time Since Run / Start	seconds
Barometric Pressure	PSI
Short Term Fuel Trim - Bank 1	%
Commanded EGR Duty Cycle	%
Breeze Frame DTC Priority	
EGR Error	
Calculated MAP	PSI
Purge Duty Cycle	%
Closed Loop with DTC - Bank 1	
Battery Voltage	Volts
Brake Switch Pressed	
PCM Odometer	miles
Turbo PRatio	PRatio
H-Bridge Circuit	
Fuel Rail Pressure	PSI
MAP	PSI
Vehicle Speed	MPH
Cooled EGR Temp	deg C/s
Purge Solenoid Current	mA
AC Clutch	
Mass Airflow Rate	g/s
Engine Coolant Temperature	°F
Relative Throttle Position	%
Fuel Level Percent	%
Engine Load	%
Intake Air Charge Temp	°F
Ignition Run/Start Switch	
AC Switch	
Current Adaptive Cell ID	
MAP Voltage	Volts
Actual Torque	Ft-Lbs
ETC Motor Directional Duty Cycle	%DC
Throttle Outlet Temp	°F
ETC Motor Duty Cycle	%DC
Ambient Air Temperature	°F
Air Charge Temp - Bank 1	°F
APP Pedal Percent	%
PCM Mileage Since MIL On	miles
Intermediate Manifold Air Temp	°F
Catalyst Temp	°F
Turbo Airport Mass Flow	g/s
Closed Loop - Bank 1	

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No MisFire data available

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Vehicle

AHCP	USA
ABSO	USA
SGW	
DPDM	USA
DASM	USA
IDCM	USA

FLASHES**PCM** | [REDACTED]

Applicable Bulletins

NUMBER	TYPE	RSU #	DESCRIPTION
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

BPCM | [REDACTED]

Applicable Bulletins

NUMBER	TYPE	RSU #	DESCRIPTION
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

HCP | [REDACTED]

Applicable Bulletins

NUMBER	TYPE	RSU #	DESCRIPTION
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] Updates

AHCP | [REDACTED]

Applicable Bulletins

NUMBER	TYPE	RSU #	DESCRIPTION
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

ABSO | [REDACTED]

Applicable Bulletins

NUMBER	TYPE	RSU #	DESCRIPTION
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

IDCM | [REDACTED]

Applicable Bulletins

NUMBER	TYPE	RSU #	DESCRIPTION
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

RSUS

RSU #	DESCRIPTION	STATUS
21-170	[REDACTED]	Complete
21-137	[REDACTED]	Complete

SessionID # [REDACTED]

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21-127	[REDACTED]	Complete
21-126		Complete
21-124		Complete
21-123		Complete
21-122		Complete

RECALLS

RECALL #	DESCRIPTION	STATUS
Y46	[REDACTED]	Complete

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
TCM	[REDACTED]	[REDACTED]	Stored
TCM			Stored
TCM			Pending
PCM			Active
PCM			Active
PCM			Active
DTCM			Active
BCM			Active
RADIO			Active
HCP			Stored
ABSO			Stored
ABSO			Active
DASM			Active
DASM			Stored
DASM			Active
DASM			Stored

ENVIRONMENTAL DATA SUMMARY

TCM | [REDACTED]

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

Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter	0	

TCM

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
DTC Extended Data Record Number - All		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter	0	

TCM

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
DTC Extended Data Record Number - All		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter	0	

PCM

NAME	VALUE	UNITS
Number of DTC	1	

DTC		
DTC Readiness Flag		
DTC Storage State		
Warning Indicator Request State		
Odometer		miles
Accumulation Timer		minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM |

NAME	VALUE	UNITS
Number of DTC		
DTC		
DTC Readiness Flag		
DTC Storage State		
Warning Indicator Request State		
Odometer		miles
Accumulation Timer		minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter		

PCM |

NAME	VALUE	UNITS
Number of DTC		
DTC		
DTC Readiness Flag		
DTC Storage State		
Warning Indicator Request State		
Odometer		miles
Accumulation Timer		minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

DTCM |

	VALUE	UNITS
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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		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
System Battery Voltage		Volts
Module Battery Voltage		Volts
Transercase motor position sensor supply voltage		Volts
Transercase Motor Current		Amps
Transercase Position Sensor		Volts
DTCM Temperature		°F
Transercase Motor Duty Cycle		%
Transercase Motor Direction State		
Front Axle Locker Sensor Feedback		
Rear Axle Locker Sensor Feedback		
Front Axle Locker Low side Driver		
Rear Axle Locker Low side Driver		
FAD Supply Power Voltage		Volts
FAD Feedback Status		
FAD Feedback Voltage		Volts
FAD Lock request		
Transercase Mode Switch		
Time Since Last Ignition On		minutes
Vehicle Speed		MPH
Left Front Wheel Speed		rpm
Right Front Wheel Speed		rpm
Left Rear Wheel Speed		rpm
Right Rear Wheel Speed		rpm
Brake Pedal		
ESP Requested Center (Transercase) Differential State		
ESP Requested Center Differential Torque		Ft-Lbs
Steering Wheel Angle		degrees
Delta Steering Wheel Angle		degrees
Ambient Air Temperature		°F

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

PRNDL Display		
Transmission Current Gear		
Throttle Pedal Position		%
Static Engine/Electric Motor Torque		Ft-Lbs
Engine RPM		rpm
Actual Mode of Transference Clutch		
Actual Transference Clutch Lock Torque		Ft-Lbs
Default Transference Clutch Lock Torque		Ft-Lbs
T-Case Motor Incremental Position Sensor (IPS)		degrees
T-Case Clutch Wear IPS Position		degrees
DTCM Internal DTC Reason		
Transfer Case Shift Inhibited		
Transference Status		
Axle Locker Status (Bus)		
Clutch Calibration Not Learned Reason		
Electric Motor RPM		rpm
T-Case Clutch Wear Position (Initial)		degrees

BCM |

NAME	VALUE	UNITS
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
DTC Extended Data Record Number - All		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter	0	

RADIO |

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

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

DTCExtendedDataRecordNumber

Occurance Flag

Reserved

Original Odometer Value

miles

Most Recent Odometer Value

miles

Frequency Counter

Ignition Counter

RIM 25080

Event Counter

HCP |

NAME

VALUE

UNITS

DTC

Test Failed

Test Failed This Operation Cycle

Pending DTC

Confirmed DTC

Test Not Completed Since Last Clear

Test Failed Since Last Clear

Test Not Completed This Operation Cycle

Warning Indicator Requested

DTC Extended Data Record Number

Occurrence flag

Original Odometer Value

miles

Most Recent Odometer Value

miles

Frequency Counter

Ignition Cycle Counter

Microcontroller reset reason - Core 0

Microcontroller reset reason - Core 1

Real time clock

sec

RAM stamps keyOn

sec

RAM Stamps

Min

Accelerator Pedal Position

%

Engine Coolant Temperature

°F

Engine Speed

rpm

Vehicle Speed

MPH

HV Battery SOC

%

Brake Switch Status

Battery Feed Voltage 1 Sense

Volts

Battery Feed Voltage 2 Sense

Volts

Battery Feed Voltage 3 Sense

Volts

Internal EPS Voltage Sense A

Volts

Internal EPS Voltage Sense B

Volts

Hybrid System State

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

Outside Air Temperature

°F

Ignition State

Propulsion System Active

HV Contactor Status

APM Status

Impact Event

RND Position Display

Distance Travelled with Light ON

miles

HV Battery Sleep Time

Days

eMotor A Shutdown History [0]

eMotor A Shutdown History [1]

eMotor A Shutdown History [2]

eMotor A Fault History [0]

eMotor A Fault History [1]

eMotor A Fault History [2]

eMotor A Fault History [3]

eMotor A Fault History [4]

eMotor A Fault History [5]

eMotor B Shutdown History [0]

eMotor B Shutdown History [1]

eMotor B Shutdown History [2]

eMotor B Fault History [0]

eMotor B Fault History [1]

eMotor B Fault History [2]

eMotor B Fault History [3]

eMotor B Fault History [4]

eMotor B Fault History [5]

eMotor A FA Speed or Position Fault Active

eMotor A FA Motor Temperature Fault Active

eMotor A FA inverter Temperature A Fault Active

eMotor A FA inverter Temperature B Fault Active

eMotor A FA inverter Temperature C Fault Active

eMotor A FA DC Current Fault Active

eMotor A FA DC Voltage Fault Active

eMotor A FA Acceleration Fault Active

eMotor A FA Rotor Temperature Fault Active

eMotor A FA Capacitor Temperature Fault active

eMotor A FA Current Sensor A Fault Active

eMotor A FA Current Sensor B Fault Active

eMotor A FA Current Sensor C Fault Active

eMotor A FA Postion Sensor Fault Active

eMotor A FA DC Voltage Out of Range Fault Active

eMotor A FA Reserved

eMotor B FA Speed or Position Fault Active

eMotor B FA Motor Temperature Fault Active

eMotor B FA Inverter Temperature A Fault Active

eMotor B FA Inverter Temperature B Fault Active

eMotor B FA Inverter Temperature C Fault Active

eMotor B FA HV input Current Fault Active

eMotor B FA HV Input Voltage Fault Active

eMotor B FA Acceleration Fault Active

eMotor B FA Rotor Temperature Fault Active

eMotor B FA Capacitor Temperature Fault Active

eMotor B FA Current Sensor A Fault Active

eMotor B FA Current Sensor B Fault Active

eMotor B FA Current Sensor C Fault Active

eMotor B FA Position Sensor Fault Active

eMotor B FA DC Voltage Out of Range Fault Active

eMotor B FA Reserved

eMotor A Current Ia Max

eMotor A Current Ia Min

eMotor A Current Ib Max

eMotor A Current Ib Min

eMotor A Current Ic Max

eMotor A Current Ic Min

eMotor A Current Id Max

eMotor A Current Id Min

eMotor A Current Iq Max

eMotor A Current Iq Min

eMotor A Current Sum Max

eMotor A Current Sum Min

eMotor A HV Input voltage Max

Volts

eMotor A HV Input voltage Min

Volts

eMotor A speed max mrads

rad/s

eMotor A speed min mrads

rad/s

eMotor B Current Ia Max

eMotor B Current Ia Min

eMotor B Current Ib Max

eMotor B Current Ib Min

eMotor B Current Ic Max

eMotor B Current Ic Min

eMotor B Current Id Max

eMotor B Current Id Min

eMotor B Current Iq Max

eMotor B Current Iq Min

eMotor B current Sum Max

eMotor B current sum Min

eMotor B HV Input Voltage Max

Volts

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

eMotor B HV Input Voltage Min		Volts
eMotor B speed Max mrads		rad/s
eMotor B speed Min mrads		rad/s
eMotor A Current Ia Offset		
eMotor A Current Ib Offset		
eMotor A Current Ic Offset		
eMotor B Current Ia Offset		
eMotor B Current Ib Offset		
eMotor B Current Ic Offset		
eMotor A HV Battery Voltages		Volts
eMotor A HV input Voltages		Volts
eMotor B HV Battery Voltages		Volts
eMotor B HV input Voltages		Volts
eMotor A Motoring Torque Limit		Ft-Lbs
eMotor A Regenerative Torque Limit		Ft-Lbs
eMotor B Motoring Torque Limit		Ft-Lbs
eMotor B Regenerative Torque Limit		Ft-Lbs
eMotor A Torque command		Ft-Lbs
eMotor A Torque achieved		Ft-Lbs
eMotor A speed RPM		rpm
eMotor B Torque command		Ft-Lbs
eMotor B Torque achieved		Ft-Lbs
eMotor B Speed RPM		rpm
eMotor A Temperature Stator		°F
eMotor A Temperature Inverter Model		°F
eMotor A Temperature Inverter 0		°F
eMotor A Temperature Inverter 1		°F
eMotor A Temperature Inverter 2		°F
eMotor A Temperature Coolant Inlet		°F
eMotor A Temperature Coolant Outlet		°F
eMotor A Temperature PCB		°F
eMotor A Temperature Rotor		°F
eMotor A OS Runtime Seconds		sec
eMotor B OS Runtime Seconds		sec
eMotor B Temperature Stator		°F
eMotor B Temperature Inverter Model		°F
eMotor B Temperature Inverter 0		°F
eMotor B Temperature Inverter 1		°F
eMotor B Temperature Inverter 2		°F
eMotor B Temperature coolant Inlet		°F
eMotor B Temperature coolant outlet		°F
eMotor B Temperature PCB		°F
eMotor B Temperature Rotor		°F
eMotor A Lifetime Over Current w/o Over Voltage Events	0	

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

eMotor A Lifetime Over Current Events		
eMotor A Lifetime Over Voltage Events		
eMotor A Lifetime Max Voltage		Volts
eMotor A Lifetime Max Phase Current		
eMotor A Lifetime General Retry Events		
eMotor A Key Cycle Max Voltage		Volts
eMotor A Key Cycle Max phase Current		
eMotor A Key Cycle General Retry Events		
eMotor A Lifetime Over Current w/o Over Voltage Events		
eMotor B Lifetime Over Current Events		
eMotor B Lifetime Over Voltage Events		
eMotor B Lifetime Max Voltage		Volts
eMotor B Lifetime Max Phase Current		
eMotor B Lifetime General Retry Events		
eMotor B key Cycle max Voltage		Volts
eMotor B key Cycle max Phase Current		
eMotor B key Cycle General Retry Events		
eMotor A MTMR Fault Word		
eMotor B MTMR Fault Word		
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
UTC Time - Seconds		seconds
ECU Time - Milliseconds		ms

ABSO |

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Occurrence flag		
Controller Event		
Mirror Memory		
Undervoltage Suspected		
Original Odometer Value		miles
Most Recent Odometer Value		miles

Frequency Counter		
Ignition Cycle Counter		
Fault Time		S
Current System Mode		
Previous System Mode		
Wheel Speed Left Front		MPH
Rotation Direction Left Front		
Wheel Speed Right Front		MPH
Rotation Direction Right Front		
Wheel Speed Left Rear		MPH
Rotation Direction Left Rear		
Wheel Speed Right Rear		MPH
Rotation Direction Right Rear		
Steering Wheel Angle		°
Longitudinal Acceleration		m/s ²
Yaw Rate		°/s
Supplier Internal Code		

ABSO |

	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Occurrence flag		
Controller Event		
Mirror Memory		
Undervoltage Suspected		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Fault Time		S
Current System Mode		
Previous System Mode		
Wheel Speed Left Front		MPH
Rotation Direction Left Front		
Wheel Speed Right Front		MPH
Rotation Direction Right Front		

Wheel Speed Left Rear		MPH
Rotation Direction Left Rear		
Wheel Speed Right Rear		MPH
Rotation Direction Right Rear		
Steering Wheel Angle		°
Longitudinal Acceleration		m/s ²
Yaw Rate		°/s
Supplier Internal Code		

DASM |

	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Operation Cycle Counter		
Vehicle Speed		MPH
Ignition Voltage		
System Voltage		Volts

DASM |

	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		

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

Operation Cycle Counter

Vehicle Speed

MPH

Ignition Voltage

System Voltage

Volts

DASM |

VALUE

UNITS

DTC

Test Failed

Test Failed This Operation Cycle

Pending DTC

Confirmed DTC

Test Not Completed Since Last Clear

Test Failed Since Last Clear

Test Not Completed This Operation Cycle

Warning Indicator Requested

Occurrence flag

Original Odometer Value

miles

Most Recent Odometer Value

miles

Frequency Counter

Operation Cycle Counter

Vehicle Speed

MPH

Ignition Voltage

System Voltage

Volts

DASM |

NAME

VALUE

UNITS

DTC

Test Failed

Test Failed This Operation Cycle

Pending DTC

Confirmed DTC

Test Not Completed Since Last Clear

Test Failed Since Last Clear

Test Not Completed This Operation Cycle

Warning Indicator Requested

Occurrence flag

Original Odometer Value

miles

Most Recent Odometer Value

miles

Frequency Counter

Operation Cycle Counter

Vehicle Speed

MPH

Ignition Voltage

System Voltage

Volts

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 [REDACTED] [REDACTED] [REDACTED]

[illegible]

[illegible]

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION
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[illegible]

AHCP	USA
ABSO	USA
SGW	
DPDM	USA
DASM	USA
IDCM	USA

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
TCM			
TCM			
TCM			
PCM			
PCM			
PCM			
DTCM			
BCM			
RADIO			
HCP			
ABSO			
ABSO			
DASM			
DASM			
DASM			
DASM			

ENVIRONMENTAL DATA SUMMARY**TCM** [REDACTED]

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

Ignition Cycle Counter

0

TCM

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
DTC Extended Data Record Number - All		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter	0	

TCM

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
DTC Extended Data Record Number - All		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter	0	

PCM

NAME	VALUE	UNITS
Number of DTC		
DTC		
DTC Readiness Flag		
DTC Storage State		

SessionID #

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

Warning Indicator Request State

Odometer		miles
Accumulation Timer		minutes
Ignition Key Cycles		
Starts Since Set Counter		
Key Cycles Since DTC Last Set Counter		
Warm Up Cycles		
Good Trip Counter		

PCM |

NAME	VALUE	UNITS
Number of DTC		
DTC		
DTC Readiness Flag		
DTC Storage State		
Warning Indicator Request State		
Odometer		miles
Accumulation Timer		minutes
Ignition Key Cycles		
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM |

NAME	VALUE	UNITS
Number of DTC		
DTC		
DTC Readiness Flag		
DTC Storage State		
Warning Indicator Request State		
Odometer		miles
Accumulation Timer	0	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

DTCM |

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		

Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
DTC Extended Data Record Number - All		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
System Battery Voltage		Volts
Module Battery Voltage		Volts
Transference motor position sensor supply voltage		Volts
Transference Motor Current		Amps
Transference Position Sensor		Volts
DTCM Temperature		°F
Transference Motor Duty Cycle		%
Transference Motor Direction State		
Front Axle Locker Sensor Feedback		
Rear Axle Locker Sensor Feedback		
Front Axle Locker Low side Driver		
Rear Axle Locker Low side Driver		
FAD Supply Power Voltage		Volts
FAD Feedback Status		
FAD Feedback Voltage		Volts
FAD Lock request		
Transference Mode Switch		
Time Since Last Ignition On		minutes
Vehicle Speed		MPH
Left Front Wheel Speed		rpm
Right Front Wheel Speed		rpm
Left Rear Wheel Speed		rpm
Right Rear Wheel Speed		rpm
Brake Pedal		
ESP Requested Center (Transference) Differential State		
ESP Requested Center Differential Torque		Ft-Lbs
Steering Wheel Angle		degrees
Delta Steering Wheel Angle		degrees
Ambient Air Temperature		°F
PRNDL Display		
Transmission Current Gear		
Throttle Pedal Position		%

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

Static Engine/Electric Motor Torque		Ft-Lbs
Engine RPM		rpm
Actual Mode of Transference Clutch		
Actual Transference Clutch Lock Torque		Ft-Lbs
Desired Transference Clutch Lock Torque		Ft-Lbs
T-Case Motor Incremental Position Sensor (IPS)		degrees
T-Case Clutch Wear IPS Position		degrees
Drive Internal DTC Reason		
Transfer Case Shift Inhibited		
Transfercase Status		
Axle Locker Status (Bus)		
Clutch Calibration Not Learned reason		
Electric Motor RPM		rpm
T-Case Clutch Wear Position (Initial)		degrees

BCM |

NAME	VALUE	UNITS
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
DTC Extended Data Record Number - All		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter	0	

RADIO |

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

Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Counter		
RDI \$6080		
Event Counter		

HCP

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
DTC Extended Data Record Number		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Microcontroller reset reason - Core 0		
Microcontroller reset reason - Core 1		
Real time clock		sec
RAM stamps keyOn		sec
RAM Stamps		Min
Accelerator Pedal Position		%
Engine Coolant Temperature		°F
Engine Speed		rpm
Vehicle Speed		MPH
HV Battery SOC		%
Brake Switch Status		
Battery Feed Voltage 1 Sense		Volts
Battery Feed Voltage 2 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Hybrid System State		
Outside Air Temperature		°F
Ignition State		
Propulsion System Active		

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

HV Contactor Status

APM Status

Impact Event

PRND Position Display

Distance Travelled with Light ON

miles

HV Battery Sleep Time

Days

eMotor A Shutdown History [0]

eMotor A Shutdown History [1]

eMotor A Shutdown History [2]

eMotor A Fault History [0]

eMotor A Fault History [1]

eMotor A Fault History [2]

eMotor A Fault History [3]

eMotor A Fault History [4]

eMotor A Fault History [5]

eMotor B Shutdown History [0]

SS

eMotor B Shutdown History [1]

eMotor B Shutdown History [2]

eMotor B Fault History [0]

eMotor B Fault History [1]

eMotor B Fault History [2]

eMotor B Fault History [3]

eMotor B Fault History [4]

eMotor B Fault History [5]

eMotor A FA Speed or Position Fault Active

eMotor A FA Motor Temperature Fault Active

eMotor A FA inverter Temperature A Fault Active

eMotor A FA inverter Temperature B Fault Active

eMotor A FA inverter Temperature C Fault Active

eMotor A FA DC Current Fault Active

eMotor A FA DC Voltage Fault Active

eMotor A FA Acceleration Fault Active

eMotor A FA Rotor Temperature Fault Active

eMotor A FA Capacitor Temperature Fault active

eMotor A FA Current Sensor A Fault Active

eMotor A FA Current Sensor B Fault Active

eMotor A FA Current Sensor C Fault Active

eMotor A FA Postion Sensor Fault Active

eMotor A FA DC Voltage Out of Range Fault Active

eMotor A FA Reserved

eMotor B FA Speed or Position Fault Active

eMotor B FA Motor Temperature Fault Active

eMotor B FA Inverter Temperature A Fault Active

eMotor B FA Inverter Temperature B Fault Active

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

eMotor B FA Inverter Temperature C Fault Active

eMotor B FA HV input Current Fault Active

eMotor B FA HV Input Voltage Fault Active

eMotor B FA Acceleration Fault Active

eMotor B FA Rotor Temperature Fault Active

eMotor B FA Capacitor Temperature Fault Active

eMotor B FA Current Sensor A Fault Active

eMotor B FA Current Sensor B Fault Active

eMotor B FA Current Sensor C Fault Active

eMotor B FA Position Sensor Fault Active

eMotor B FA DC Voltage Out of Range Fault Active

eMotor B FA Reserved

eMotor A Current Ia Max

eMotor A Current Ia Min

eMotor A Current Ib Max

eMotor A Current Ib Min

eMotor A Current Ic Max

eMotor A Current Ic Min

eMotor A Current Id Max

eMotor A Current Id Min

eMotor A Current Iq Max

eMotor A Current Iq Min

eMotor A Current Sum Max

eMotor A Current Sum Min

eMotor A HV Input voltage Max

Volts

eMotor A HV Input voltage Min

Volts

eMotor A speed max mrads

rad/s

eMotor A speed min mrads

rad/s

eMotor B Current Ia Max

eMotor B Current Ia Min

eMotor B Current Ib Max

eMotor B Current Ib Min

eMotor B Current Ic Max

eMotor B Current Ic Min

eMotor B Current Id Max

eMotor B Current Id Min

eMotor B Current Iq Max

eMotor B Current Iq Min

eMotor B current Sum Max

eMotor B current sum Min

eMotor B HV Input Voltage Max

Volts

eMotor B HV Input Voltage Min

Volts

eMotor B speed Max mrads

rad/s

eMotor B speed Min mrads

rad/s

eMotor A Current Ia Offset		
eMotor A Current Ib Offset		
eMotor A Current Ic Offset		
eMotor B Current Ia Offset		
eMotor B Current Ib Offset		
eMotor B Current Ic Offset		
eMotor A HV Battery Voltages		Volts
eMotor A HV input Voltages		Volts
eMotor B HV Battery Voltages		Volts
eMotor B HV input Voltages		Volts
eMotor A Motoring Torque Limit		Ft-Lbs
eMotor A Regenerative Torque Limit		Ft-Lbs
eMotor B Motoring Torque Limit		Ft-Lbs
eMotor B Regenerative Torque Limit		Ft-Lbs
eMotor A Torque command		Ft-Lbs
eMotor A Torque achieved		Ft-Lbs
eMotor A speed RPM		rpm
eMotor B Torque command		Ft-Lbs
eMotor B Torque achieved		Ft-Lbs
eMotor B Speed RPM		rpm
eMotor A Temperature Stator		°F
eMotor A Temperature Inverter Model		°F
eMotor A Temperature Inverter 0		°F
eMotor A Temperature Inverter 1		°F
eMotor A Temperature Inverter 2		°F
eMotor A Temperature Coolant Inlet		°F
eMotor A Temperature Coolant Outlet		°F
eMotor A Temperature PCB		°F
eMotor A Temperature Rotor		°F
eMotor A OS Runtime Seconds		sec
eMotor B OS Runtime Seconds		sec
eMotor B Temperature Stator		°F
eMotor B Temperature Inverter Model		°F
eMotor B Temperature Inverter 0		°F
eMotor B Temperature Inverter 1		°F
eMotor B Temperature Inverter 2		°F
eMotor B Temperature coolant Inlet		°F
eMotor B Temperature coolant outlet		°F
eMotor B Temperature PCB		°F
eMotor B Temperature Rotor		°F
eMotor A Lifetime Over Current w/o Over Voltage Events		
eMotor A Lifetime Over Current Events		
eMotor A Lifetime Over Voltage Events		
eMotor A Lifetime Max Voltage		Volts

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

eMotor A Lifetime Max Phase Current		
eMotor A Lifetime General Retry Events		
eMotor A Key Cycle Max Voltage		Volts
eMotor A Key Cycle Max phase Current		
eMotor A Key Cycle General Retry Events		
eMotor B Lifetime Over Current w/o Over Voltage Events		
eMotor B Lifetime Over Current Events		
eMotor B Lifetime Over Voltage Events		
eMotor B Lifetime Max Voltage		Volts
eMotor B Lifetime Max Phase Current		
eMotor B Lifetime General retry Events		
eMotor B key Cycle Max Voltage		Volts
eMotor B key Cycle max Phase Current		
eMotor B key Cycle General Retry Events		
eMotor A MTMR Fault Word		
eMotor B MTMR Fault Word		
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
UTC Time - Seconds		seconds
ECU Time - Milliseconds		ms

ABSO

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Occurrence flag		
Controller Event		
Mirror Memory		
Undervoltage Suspected		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Fault Time		s

Current System Mode		
Previous System Mode		
Wheel Speed Left Front		MPH
Rotation Direction Left Front		
Wheel Speed Right Front		MPH
Rotation Direction Right Front		
Wheel Speed Left Rear		MPH
Rotation Direction Left Rear		
Wheel Speed Right Rear		MPH
Rotation Direction Right Rear		
Steering Wheel Angle		°
Longitudinal Acceleration		m/s ²
Yaw Rate		°/s
Supplier Internal Code		

ABSO |

	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Occurrence flag		
Controller Event		
Mirror Memory		
Undervoltage Suspected		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Fault Time		
Current System Mode		
Previous System Mode		
Wheel Speed Left Front		MPH
Rotation Direction Left Front		
Wheel Speed Right Front		MPH
Rotation Direction Right Front		
Wheel Speed Left Rear		MPH
Rotation Direction Left Rear		
Wheel Speed Right Rear		MPH

Rotation Direction Right Rear

Steering Wheel Angle

°

Longitudinal Acceleration

m/s²

Yaw Rate

°/s

Supplier Internal Code

DASM |

	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Operation Cycle Counter		
Vehicle Speed		MPH
Ignition Voltage		
System Voltage		Volts

DASM |

	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Operation Cycle Counter		
Vehicle Speed		MPH
Ignition Voltage		

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

System Voltage

Volts

DASM [REDACTED]

	VALUE	UNITS
DTC	[REDACTED]	
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Operation Cycle Counter		
Vehicle Speed		MPH
Ignition Voltage		
System Voltage		Volts

DASM [REDACTED]

NAME	VALUE	UNITS
DTC	[REDACTED]	
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Operation Cycle Counter		
Vehicle Speed		MPH
Ignition Voltage		
System Voltage		Volts

SNAPSHOT DATA SUMMARY

No Snapshot Data available for [REDACTED]

[REDACTED]

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