



Vehicle

[illegible]

Sess onID #

HCP	Hybrid Control Processor	CAN-C				

ECU SUMMARY INFO (CONT...)

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

CONFIGURATION

Sess onID #

TCM CONFIGURATION

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

PCM CONFIGURATION

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

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

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Active Grille Shutter Equipped
Electronic Vacuum Pump Equipped
Wide Range O2 Sensor 1/1 Equipped
Wide Range O2 Sensor 2/1 Equipped
MultiAir Equipped
Engine Stop Start Equipped
Viscosity Sensor Equipped
Duty Cycle Purge Valve Equipped
Electric Thermostat Heater Equipped
Exhaust Cam 1 Equipped
Intake Cam 1 Equipped
1.8 Liter I4 engine
2.0 Liter I4 engine
2.4 Liter I4 engine
3.0 Liter V6 Engine
Tumble Generator Valve Equipped
Hybrid Electric Vehicle Equipped
Auxiliary Heater Electric Water Pump Equipped
Dual Speed Fuel Pump Equipped
Exhaust Cam 2 Equipped
Intake Cam 2 Equipped
1 Speed Fan Mechanical Relay System Equipped
2 Speed Fan Mechanical Relay System Equipped
2 Speed Fan PWM Relay System Equipped
Linear PWM Fan Relay System Equipped
PWM Fan Motor System Equipped
3 Speed Fan Mechanical Relay System Equipped
Fan Wake Up Relay System Equipped
2 Speed Fan 3 Driver 3 Relay System Equipped
40TE / 41TE / 41TEA
42RLE
45RFE / 545RFE / 65RFE
62TE
66RFE / 68RFE
VLP Is Learnable Indicator
VLP Equipped Indicator
VFS Actuators Available Indicator
ERS Equipped Indicator
Engine Software In Package
Transmission Software Included
ICC Cruise Equipped
ETC Cruise equipped

Adaptive Cruise Control Equipped
A/C Equipped
Adaptive Cruise Control Hardware Equipped
DUAL ALTERNATOR GEN1 LEARNEDCOPY
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED
SPEC2 Equipped
GPC2A Equipped
GPC8 Equipped
Cummins Equipped
GPC4 Equipped
VMM Equipped
Powernet Equipped
CUSW (29-Bit) Equipped
CUSW (11 Bit) Equipped
Fiat 940 Compact Equipped
Next Gen Bus Equipped
Constant Heater Temperature Control Valve Equipped
High Side Port Tumble Valve Equipped
CMCV H Bridge Equipped
Turbine Volute Valve Actuator Equipped
Wastegate H Bridge Equipped
Active Exhaust Valve Equipped
Active Exhaust Pressure Sensor Equipped
Engine Idle Shutoff Equipped
Aisin 6-Speed RWD Transmission Equipped
Cooled EGR Equipped
Supercharger Equipped
Low Temperature Radiator Coolant Pump Equipped
Mechanical Coolant Pump Heater Equipped
Auxiliary Coolant Pump Heater Equipped
Compressed Natural Gas Equipped
CUSW PROXI Write Programming Support Enabled
Active Engine Mount Equipped
ZF 9 Speed Transmission Equipped
HPT 6-Speed Transmission Equipped
Variable Speed Fuel Pump Equipped
Operator Idle Speed Request Equipped
PTO System Equipped
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped
Dual Stage Oil Pump Equipped

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

Bi-Directional Crank Sensor Equipped

5 Button Cruise (LIN) Equipped

Operator Idle Speed Request Equipped

INTAKE O2 SENSOR EQUIPPED

Cylinder Pressure Sensor Equipped

Make Up Air Sensor Equipped

Active Exhaust Pressure Sensor Equipped

Secondary Mass Airflow Sensor Equipped

1.0 Liter I3 Engine

2.0 Liter I4 Direct Injection Engine

Variable Valve Lift Equipped

Coolant On Off Pump Equipped

Primary Lin Alternator Equipped

Electronic Parking Brake Equipped

Active Exhaust Valve(s) Equipped

Mechanical Coolant Pump Equipped

Aux Coolant Pump Heater Equipped

Heater Temp Control Valve Equipped

High Side Port Tumble Valve Equipped

Wastegate HBridge Equipped

Remote Start Present

Engine Oil Pressure Sensor Type

None

ICS CONFIGURATION

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

RFH CONFIGURATION

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

Remote Start Present

\$0214 Programmed by

Hardware Configuration: Remote Start Antenna

Hardware Configuration: Front Left Door Handle H/W

Hardware Configuration: Front Right Door Handle H/W

Hardware Configuration: Rear Left Door Handle H/W

Hardware Configuration: Rear Right Door Handle H/W

Hardware Configuration: Trunk Door Handle H/W

RFHub Locked

Fob Location #1 Successfully Programmed

Fob Location #2 Successfully Programmed

Fob Location #3 Successfully Programmed

Fob Location #4 Successfully Programmed

Fob Location #5 Successfully Programmed

Fob Location #6 Successfully Programmed

Fob Location #7 Successfully Programmed

Fob Location #8 Successfully Programmed

Back Up Vehicle Config 1

Back Up Vehicle Config 2

Back Up Vehicle Config 3

Back Up Vehicle Config 4

Back Up Vehicle Config 5

Back Up Vehicle Config 6

Back Up Vehicle Config 7

Back Up ECU Configuration 1

Back Up ECU Configuration 2

Back Up ECU Configuration 3

Back Up ECU Configuration 4

Back Up ECU Configuration 5

Back Up ECU Configuration 6

Back Up ECU Configuration 7

Back Up ECU Configuration 8

Back Up ECU Configuration 9

Back Up ECU Configuration 10

Back Up ECU Configuration 11

Back Up ECU Configuration 12

Back Up ECU Configuration 13

Back Up ECU Configuration 14

Back Up ECU Configuration 15

Back Up ECU Configuration 16

Back Up ECU Configuration 17

Back Up Customer Settings Menu 1 (CSM1)

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Back Up Customer Settings Menu 2 (CSM2)
 Back Up Programmed ECUs: Cabin Network
 Back Up Programmed ECUs: P/T Chassis Network
 Secret Key Sent to Body Controller Most recent attempt
 Secret Key Sent to Body Controller - Original attempt
 Base TPM Present
 Full Size Matching Spare Tire Present
 ECU Ship Status
 Tire Pressure System
 Selectable Tire P/A Alert
 TPM Auto Locate Enabled
 TPMS Configuration

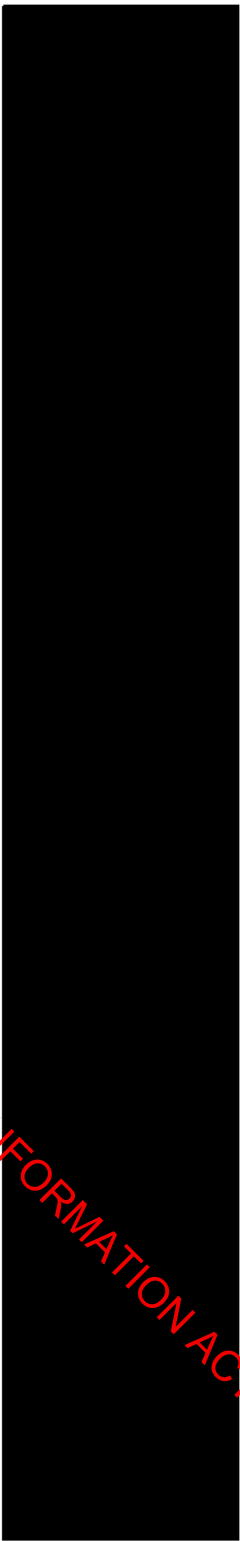
DTCM CONFIGURATION

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

ORC CONFIGURATION

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

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



HVAC CONFIGURATION

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

MTC heater only (3Knob)

AMP CONFIGURATION

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

IPC CONFIGURATION

NAME	VALUE	UNITS
Main Fuel Tank Gauge - Empty Stop Calibration	0.000	Volts
Main Fuel Tank Gauge - 1/4th Datum Calibration	0.000	Volts
Main Fuel Tank Gauge - 1/2 Datum Calibration	0.000	Volts
Main Fuel Tank Gauge - 3/4 Datum Calibration	0.000	Volts
Main Fuel Tank Gauge - Full Stop Calibration	0.000	Volts
Sub Fuel Tank Gauge - Empty Stop Calibration	0.000	Volts
Sub Fuel Tank Gauge - 1/4 Datum Calibration	0.000	Volts
Sub Fuel Tank Gauge - 1/2 Datum Calibration	0.000	Volts
Sub Fuel Tank Gauge - 3/4 Datum Calibration	0.000	Volts
Sub Fuel Tank Gauge - Full Stop Calibration	0.000	Volts

PTS CONFIGURATION

NAME	VALUE	UNITS
Rear System with 6 Front Sensors		
Front System with 6 Rear Sensors		

SCCM CONFIGURATION

NAME	VALUE	UNITS
Rear Wiper		
Tilt Telescope		
Paddle Shifter		

BCM CONFIGURATION

NAME	VALUE	UNITS
RBSM		
LBSM		
BCM (Interior Bus)		
HSM		
HVAC		
PTCM		
Radio		
ITM		
AMP		
EDM		
HVAC R		
TBM		
AHLM/AFLS		
ASCM		
BCM (PT)		
DTCM		
PCM		
EPS		
ESM		
ABS		
RFH		
IPC		
ORC		
PTS		
SCCM		
ELSD		
TCM		
TPM		
AFLS		
ITBM		
OCM		
DPDM		
SGW		
ASBS		
ANC		
Number of Reprogramming Attempts Counter #0		
Vehicle Configuration Programmed Status		
Last Programmed Status		

Last Configuration Odometer	[REDACTED]	miles
Vehicle Configuration Auto Write Counter	[REDACTED]	
Vehicle Configuration 1 - Write Counter	0	
Vehicle Configuration 2 - Write Counter	0	
Vehicle Configuration 3 - Write Counter	0	
Vehicle Configuration 4 - Write Counter	0	
Vehicle Configuration 5 - Write Counter	0	
Vehicle Configuration 6 - Write Counter	0	
Programmed ECUs: Cabin Network	0	
Programmed ECUs: P/T Chassis Network	0	
Programmed Network Configuration Audio / Telematics Network	0	
Programmed ECUs: Hybrid LAN Network	0	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	0	
ECU Configuration 2 (CBC Features)	0	
ECU Configuration 3	0	
ECU Configuration 4	0	
ECU Configuration 5 (Wireless)	0	
ECU Configuration 5 (Doors)	0	
ECU Configuration 5 (Memory)	0	
ECU Configuration 6 (Brake)	0	
ECU Configuration 6 (Suspension)	0	
ECU Configuration 6 (Powertrain)	0	
ECU Configuration 6 (Safety)	0	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	0	
ECU Configuration 8 (LIN and Miscellaneous)	0	
ECU Configuration 9A	0	
ECU Configuration 9 (ITM)	0	
ECU Configuration 10	0	
ECU Configuration 11	0	
ECU Configuration 12	0	
ECU Configuration 13	0	
ECU Configuration 14	0	
ECU Configuration 15 (CBC Features)	0	
ECU Configuration 15 (Suspension)	0	
Vehicle Configuration 7 - Write Counter	0	
Vehicle Config CSM1	0	
Vehicle Config CSM2	0	
Model Year	[REDACTED]	
Vehicle Line	[REDACTED]	
Country Code	[REDACTED]	
Left/Right Hand Drive	[REDACTED]	
Remote Start Present	[REDACTED]	

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Drive Configuration

Emode Present

Auto Highbeam

Body Style

Maximum Vehicle Speed

MPH

Shifter Type

Performance Pages Present

Special Packages

PTS Configuration

Hill Descent Feature Present

Select Speed Control Feature Present

Power Inverter Type

Thatcham Present

Rain Sensor Present

SKIM System Present

Air Conditioning Present

Cruise Feature is Present

Flipper Glass Present

Full Size Spare

Off Road Capable

Special Packages

Max Load Inflation Pressure Rear Tire

PSI

Max Load Inflation Pressure Front Tire

PSI

Light Load Inflation Pressure Rear Tire

PSI

Police Lighting Feature

Power Lift Gate Present

Power Right Sliding Door Present

Power Left Sliding Door Present

RKE System Present

Sunshade Present

T Case Type

Wheel Base

FOBIK Safe Enable

ELV Present

Fuel Capacity

gallons

Window Express Feature Configuration

Adjustable Pedal Feature Present (non-Memory)

Auto Headlamp Feature Present

Door Alert Feature Present

Two Fuel Sending Units Present

Vehicle is an SRT

Disable Display of Radio Clock

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

Chassis Type	
Display Outside Temperature Present	
HVAC Configuration	
Vehicle Brand	
Display Compass Heading Present	
Interior EC Mirror Present	
EBL system present	
High Intensity Discharge Head Lamps	
Secondary Lock Present	
Liftgate/Trunk Type	
Collision Mitigation System present	
Forward Collision Warning present	
Base TPM system present	
Premium TPM system present	
Paddle Shift Feature Present	
Sport Mode Present	
Auto Park Present	
Passive Entry Present	
Keyless Go Present	
Transfer Case High Ratio	No Unit
Axle Ratio	
Transfer Case Low Range Reduction Ratio	
Dynamic Tire Circumference (All or Rear)	inch
Dual Rear Wheel (DRW) Vehicle Present	
Non-Regulated Tire Pressure Information System (TPIS) Present	
Steering Ratio at zero	No Unit
Steering Ratio at Positive Angle 1	No Unit
Steering Ratio at Positive Angle 2	No Unit
Steering Ratio at Positive Angle 3	No Unit
Steering Ratio at Positive Angle 4	No Unit
Steering Ratio at Positive Angle 5	No Unit
Analog Door Sensor Configuration	
Air Quality System Present	
Steering Ratio at Negative Angle 1	No Unit
Steering Ratio at Negative Angle 2	No Unit
Steering Ratio at Negative Angle 3	No Unit
Steering Ratio at Negative Angle 4	No Unit
Steering Ratio at Negative Angle 5	No Unit
Ambient Light Dimmer Wheel Input Present Pin G9	
Low Beam Output Present - Pin A3, D2	
Rear Wiper Motor Park Present Pin E29	
Left Rear Door Ajar Input Present - Pin F23	

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

Front Driver Analog Door Ajar Input Present - Pin F9
Reserved Pin G12
Horn Switch Input Present - Pin F29
Reserved Pin E15
Hood Ajar Switch Input Present - Pin A11
Hard Top Sense Present - Pin E14
Reserved F21
Reserved Pin D20
Passenger Door Ajar Signal Present Pin G18
Reserved - Pin G27
Reserved Pin E35
Starter Relay Lowside Coil Drive Pin D7
Diesel Cabin Heater #2 Output Present - Pin D9
Diesel Cabin Heater #3 Output Present Pin D10
Diesel Cabin Heater #1 Output Present - Pin D11
Right Dedicated DRL Lamp Output Present Pin A22
Left Dedicated DRL Lamps Output Present Pin D15
Flipper Glass #2 Output Present
Foot Well Lamps Output Present Pin G24
Front Fog Lamps Output Present - Pin A1 & D13
Inverter Enable Relay Output Present Pin F35
Reserved E20
Gated Park ZFII Output Present - Pin D-24
Reserved Pin E21
Rear Fog Lamps Output Present - Pin E39 & F5
Rear Park Lamps Output Present Pin E4 & F32
Rear Turn Lamps Output Present - Pin E3 & F42
Run-ACC Y Relay #2 Output Present - Pin E9
Side Markers Output Present Pin A10 & D5
Trailer Backup Lamps Output Present - Pin E23
Reserved Pin F4
UGDO Feed Output Present - Pin G15
VTA Warning LED Output Present - Pin G22
Park Brake Input Present Pin E11
Ambient Temperature Sensor Present - Pin D22
Tip Start Enabled
Dual Start Relay System Present
Wiper Service Position Enabled
Trailer Tow Present
Quad Headlamps Enable
Horn Chirp Allowed
Bi Xenon Headlamps Enable

Hazard Lamp Configuration
Park Lamp Loadshed Enable
Front Fog Lamp Dropout Enable
Combined Rear Lighting Enable
Side Repeaters Enable
One Touch Lane Change
Exterior Light Loadshed Enable
Front Wiper Park Enable
Rear Wiper Park Enable
Reversible Washer Pump Enable
Single Element Tail Lamp
DRL Configuration
DRL Lamp Location
DRL Dropout Enable
Tunnel Detection
Military Vehicle Present
LED Reverse Lamps Present
LED Stop Lamps Present
LED Rear Turn Lamps Present
LED Tail Lamps Present
LED Rear Fog Lamps Present
LED License Lamps Present
LED Front Turn Lamps Present
LED Front Fog Lamps Present
LED Dedicated DRL Present
LED Low Beam Lamps Present
LED High Beam Lamps Present
LED Front Park/Marker Lamps Present
Door Lock Switch Signal FT LT Usage (F9)
Door Lock Switch Signal FT RT Usage (F23)
Headlamp Wash Interval
Headlamp Wash Shot
Front Wiper Wipes After Wash
Headlamp Washer Low Fluid Shut Off Enable
Intermittent Wiper States
LED CHMSL Lamp Present
Rear Camera Present
Power Inverter Present
Front Park Assist Present
Front Heated Seats Present
Front Ventilated Seats Present
Destination

Cabin Equilization Curve Number
Hill Start Assist Customer Setting Option Present
Radio Apps Present
CTP Easy Entry Enable
CTP Passive Entry Present
CTP Auto Lock Disable
SMB Travel Link Present
DAB Present
Vehicle Theft Alarm Present
Heated Steering Wheel Present
VIN Check Digit Disable
Surround Sound Feature Present
Power Door Locks Present
Antenna Type
CTP Max AC Present
Hybrid Electric Powertrain Present
Disable CD Eject
DTV Front Camera Present
DTV Side Camera Present
Tow Haul Present
Hill Descent Control Present
Audio Steering Wheel Switch Configuration
Radio Display On/Off Softkey Present
Microphone Tuning Parameter
Microphone Configuration
Microphone Type
External Port Type
Splashscreen Type
ERS Available
Rear Wheel Dually
Max Gear
Virtual Speedometer Units
Speedometer Range Max Scale
IC Config Feature
PTO Present
AMB Dimmer
Heated Seat Present
Split Shaft Present
Manual Headlamp Leveling
Gear Shift Indicator
Service Interval
Temperature Celsius for UK

Type of Gallons

Tip Start Present

AP5 Trunk Lock

Airport Scenario Trunk Set

AP1 Left Front

AP2 Right Front

AP3 Left Rear

AP4 Right Rear

Global Up

Global Down

Sun Shade

Puddle Lamp Present

Rear Door Pre Short Drop

Passenger Window Lockout

Auto Power Folding Mirrors Present

Folding mirrors present

Heated Mirrors Present

Mirror turn signals present

Driver Memory Mirrors Present

Passenger Memory Mirror Present

Electro chromatic driver mirror present

Electro chromatic passenger mirror present

Tow Mirror Present

Blindspot Mirror Present

Window Motor Type

Window Hall Sensors Present

Frameless Window Present

Memory Adjustable Pedals Present

Tilt/Telescope Steering Present

Memory Seat Present

Rear Heated Seats Present

Front Vented Seats Present

Heated Steering Wheel Present

Heated Seat Material Type

Heated Wheel Material Type

Rear Vented Seats Present

Front Heated Seat Present

Brake System ECU Configuration A

Wheel 18 inch overall ESC Maserati

Brake System ECU Configuration B

ECO Mode Configuration

Dual Alternator Present

ODS Present

 Present

Passenger Kneebag Present

Curtain Airbags Present

Tow Hooks Present

Passive Ped Pro Present

2nd Row Seat Airbags Present

Reserved

Reserved

Integrated EPP Present

BUX vehicle

Signature Light Present

Dual Filament Headlamp

Front Turn Lamp Diagnostics

Auto Headlamp On Threshold

Volt

Auto Headlamp Off Threshold

Volt

Left Low Beam Voltage Regulation

Left High Beam Voltage Regulation

Right Low Beam Voltage Regulation

Right High Beam Voltage Regulation

Left Front Corner Voltage

Right Front Corner Voltage

Left Rear Corner Voltage

Right Rear Corner Voltage

Panic Enable

Compass Mounting Orientation

Washer Fluid Level Voltage Threshold

IBS Present

ASBMM Present

Humidity Sensor Present

Manual Trans Present

DC to DC Converter Present

ASBM Present

Auto Relock Time

seconds

VTA System Present

DC to DC Converter #2 Present

Illuminated Approach Interior Lighting Target Percentage

Illuminated Approach Headlamp Target Percentage

Illuminated Approach Taillamp Target Percentage

Illuminated Approach Interior Lighting Ramp Up Time

CRVMM Present

EVIC Switch Module Present

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Compass Mounting Angle

0

Degree

Signature Lamps or Mirror Repeater Present Pin A5 & Pin A7

Backup Reverse Lamp Left Present - Pin F41

Backup Reverse Lamp Right Present Pin E1

Stop/Turn Lamp or Stop Lamp Present Pin E2 & F40

Left High Beam Present - Pin D1

Right High Beam Present Pin A2

Left Front Lamp Diagnostics Present - Pin F25

Right Front Lamp Diagnostics Present Pin F28

Left Rear Turn Lamp Diagnostics Present - Pin F27

Right Rear Turn Lamp Diagnostics Present Pin F31

Brake Fluid Level Switch Signal Present Pin D21

Siren

Ultrasonics

Tilt

Swing Gate Lock Present Pin F30

Swing Gate Unlock Present Pin F33

Front Fog Voltage

Volts

Rear Fog Voltage

Volts

CHMSL Lamp Output Disable

Secondary Door Ajar Present Pin E28

Manual Door Locks Present

Rain Sensor Module #2 Present

Auto High Beam Module Location

Average Last Longitudinal Acceleration Values

Average Last Lateral Acceleration Values

Excess Longitudinal Acceleration Factor

Excess Lateral Acceleration Factor

Brake Smoothing Duration

Brake Smoothing Factor

Steering Smoothing Duration

Steering Smoothing Factor

Steering Smoothing Threshold

Brake Smoothing Threshold

Maximum Longitudinal Change

Maximum Lateral Change

Acceleration Threshold

Acceleration Factor

Nose Dive Threshold

Nose Dive Factor

RKE Auto Relock Feature Enable

PE Auto-Relock Feature Enable

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VTA Hood Ajar Monitoring

Horn Chirp Duration

Pitch and Roll Present

Parking Light Enable

ASBM Minimum Voltage Time

ASBM Battery Minimum Voltage

Interior Lighting Night Threshold

Interior Lighting Day Threshold

Axle Locker Configuration

Transmission Equipped

Park Brake Type

TPMS Configuration

Hybrid Type

TSBM Module Present

ADR feature Present

AGS Feature Present

Temperature Display Resolution

PTC Present

Glovebox Control

Glare Free Present

Brake Type

Suspension Type

Park assist customer settings menu

Park assist brake customer settings menu

Park assist front volume customer settings menu

Park assist rear volume customer settings menu

Electric power steering customer settings menu

Forward collision warning customer settings menu

Auto on driver comfort customer settings menu

Auxiliary switches customer settings menu

Rear view camera gridlines customer settings menu

Unit set customer settings menu

Power accessory delay customer settings menu

Ambient dimmer customer settings menu

Tire jack mode customer settings menu

Air suspension warning customer settings menu

Automatic aero mode customer settings menu

Auto high beam customer settings menu

Auto park customer settings menu

Blind spot alert customer settings menu

Clock display customer settings menu

Compass calibration customer settings menu

Volt

Volt

Compass variance customer settings menu
Consumption unit customer settings menu
Distance unit customer settings menu
Auto door lock customer settings menu
Easy exit seat customer settings menu
Auto entry exit mode customer settings menu
EPA service mode customer settings menu
Headlamp drop customer settings menu
Headlamp off delay customer settings menu
Headlamps on with wiper customer settings menu
Passive entry customer settings menu
Illuminated approach customer settings menu
Lane departure torque customer settings menu
Lane departure warning customer settings menu
Rear camera customer settings menu
Rain sensitive wipers customer settings menu
Power take off customer settings menu
Pressure unit customer settings menu
Power unit customer settings menu
Power liftgate chime customer settings menu
Performance shift enable customer settings menu
Rear view camera delay customer settings menu
RKE unlock customer settings menu
Speed unit customer settings menu
Tilt mirror in reverse customer settings menu
Torque unit customer settings menu
Teen Key Fuel Pop-up Customer Settings Menu
Teen Key Automatic High Beam Customer Settings Menu
Passenger Airbag On/Off Customer Settings Menu
Forward Collision Warning and Brake Customer Settings Menu
Doors and Engine Off Power Delay Customer Settings Menu
Radio Speaker Open Circuit Disable (LF)
Radio Speaker Open Circuit Disable (RF)
Radio Speaker Open Circuit Disable (LR)
Radio Speaker Open Circuit Disable (RR)
ANC Calibration Parameter Data Set
Surround View Camera On/Off Softkey Present
Drive Mode Version
Rear Defrost and Heated Mirrors Present
Show Phone Information in Cluster
Auto Dimming Mirror Hard Button Present
Clari-Fi Present

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Automatic Crash Notification Feature Present

Trailer Hitch Camera Present

Park Assist Tuning Set

Rear Defrost Presence

Heated Mirrors Present

Engine Displacement

Steering C Factor

Speedometer Tolerance

Increasing speed constant

Tachometer Type

DTV Present

Tri State Comfort Climate Softkey Function Present

RADIO CONFIGURATION

NAME	VALUE	UNITS
Satellite Subscription ID		
Satellite Subscription Status		
Satellite Subscription Reason Code		
Satellite Subscription Suspend Day		
Satellite Subscription Suspend Month		
Satellite Subscription Suspend Year		
911 Button		
SDARS		
Navigation Active		
Cellular		
Internal CD Player		
Wi-Fi		
Bluetooth		
Application Framework		
FM Diversity		
Clock Defeat		
Automated Loudness		
Anti Theft Enable Status		
12/24 Time Selection		
Front Seat Video Playback		
Cabin EQ Curve Number Currently Used by Radio		
Splash Screen		
Compass on the bus messaging Authorization		
GPS on the Bus messaging Authorization		
USB Hubs Detected		No Unit
SD Card Readers Detected		No Unit
Enumerated USB Devices		No Unit

Aux Jack

Not Inserted

DTV Short Term Configuration

LBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)	[REDACTED]	
Teen Key		
CFG FEATURE		

RBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)	[REDACTED]	
Teen Key		

ABSO CONFIGURATION

NAME	VALUE	UNITS
Vehicle Line Identification	[REDACTED]	
Displacement		No Unit
Hybrid Type		
Trans Type		
Drive Configuration		
Chassis Type		
Axle Ratio		No Unit
Tire Circumference		inch



ECU SUMMARY INFO

[illegible]

HCP	Hybrid Control Processor	CAN-C				

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
TCM	USA / USA					
PCM	USA					
ICS	USA					
RFH	USA / USA					
ESM	USA					
DTCM	USA					
ORC	USA					
EPS	USA					
CSWM	USA					
AMP	USA					
IPC	USA					
PTS	USA					
SCCM	USA					
BCM	USA					
RADIO	USA					
OCM	USA					
LBSS	USA					
RBSS	USA					
BPCM	Rest of world / ROW					
HCP	USA					
AHCP	USA					
ABSO	USA					
SGW						
DPDM	USA					

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
AMP			Stored
AMP			Stored
AMP			Stored
AMP			Stored
RADIO			Stored
BPM			Active

ENVIRONMENTAL DATA SUMMARY

AMP | [REDACTED] | Stored | ANC Microphone 2-Circuit Short to Battery

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		

AMP | [REDACTED] | Stored | ANC Microphone 1-Circuit Short to Battery

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

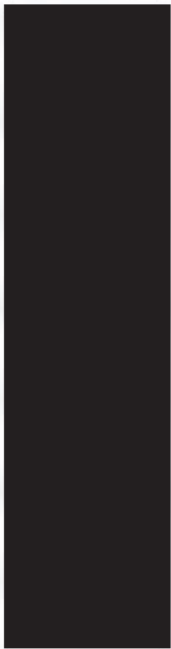


miles

Frequency Counter

Ignition Cycle Counter

AMP |  | Stored | ANC Microphone 3-Circuit Short to Battery

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		

AMP |  | Stored | ANC Microphone 4-Circuit Short to Battery

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		

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	

BPCM | [REDACTED] | Active | Hybrid Battery Pack Voltage Variation-

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		
Ignition Cycle Counter		
FoM for this DTC (lifetime fails)		events
FoM - for this DTC (lifetime fails counts on pass)		seconds
FoM for this DTC (lifetime longest fail on pass)		seconds
Battery Total Time Awake		seconds
Key in Ignition		
EPT -WakeUp		
HCP Contactor Command		
Contactor Status		
Plug in Status		

Balance Mode	
Vehicle Speed	MPH
System (12) Volts at time of fault	Volts
Battery Lifetime AmpHrs of Charge	AHr
Battery Lifetime AmpHrs of DisCharge	AHr
HVIL Status -Vehicle	
Cycles left to self heal	No Unit
HV Battery Charge Power 2sec	watts
HV Battery Charge Power 10sec	watts
HV Battery Discharge Power 2sec	watts
HV Battery Discharge Power 10sec	watts
Key DriveRdy (CAN)	
Battery Lifetime Number Of Cycles	
Battery Full AmpHr Capacity	AmpHrs
Battery Cell Voltage Maximum	mV
Battery Cell Voltage Minimum	mV
Battery Cell Voltage Average	mV
Battery Temperature Maximum Module	°F
Battery Temperature Minimum Module	°F
Battery Temperature Average Module	°F
DTC Extended Data Record Number All	
DTC Extended Data Record Number 2	
HV Battery Charge Power 30sec	watts
HV Battery Discharge Power 30sec	watts
Key Position	
SOC	%
HV Bat SOH-R	%
HV Bat SOH-C	%
Cell Impedance Max Discharge	mOhms
Cell Impedance Min Discharge	mOhms
HVIL Status Battery pack	
HVIL PWM Duty Cycle source - Vehicle	%
HVIL PWM Duty Cycle Source - Battery	%
HVIL PWM Duty Cycle Sink Battery	%
HVIL PWM Frequency source - Vehicle	Hz
HVIL PWM Frequency Sink Vehicle	Hz
HVIL PWM Frequency Source - Battery	Hz
HVIL PWM Frequency Sink - Battery	Hz
HVIL Returned current Vehicle	mA
HVIL Returned current - Battery	mA
Battery Cell Highest Cell number	
Battery Cell Lowest Cell number	

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HV Battery Current Sensor Primary	0.00	Amps
HV Battery Current Sensor Secondary		Amps
HV Battery Current HVBatCrnt		Amps
HV Battery Voltage (cell sum)		Volts
HV Battery Voltage (Module Sum)		Volts
Battery Temperature Highest Sensor number		
Battery Temperature Lowest Sensor number		
HV Cooling Battery coolant inlet temp		°F
HV Cooling Battery coolant outlet temp		°F
BPCM temperature max		°F
BPCM temperature min		°F
Vehicle Isolation Impedance (Positive side)		Mega Ohms
Vehicle Isolation Impedance (Negative side)		Mega Ohms
Vehicle Isolation Impedance (Equivalent)		Mega Ohms
Battery Isolation Impedance (Positive side)		Mega Ohms
Battery Isolation Impedance (Negative side)		Mega Ohms
Battery Isolation Impedance (Equivalent)		Mega Ohms
Engine Speed		rpm
Accelerator position		%
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
UTC Time - Seconds		seconds
HCP - System Shutdown Command (CAN)		
HCP - ePT LOC Diagnostics Enable (CAN)		
HCP - Propulsion system active (CAN)		
HV Sensor - Pack Voltage (U BAT P - U BAT M)		Volts
HV Sensor - DC Link Voltage (U DC LINK)		Volts
HV Sensor - main fuse Voltage (U MAIN P - U MAIN M) - U DC LINK		Volts
OBCM Fuse Voltage (U MAIN P - U AUX FUSE)		Volts
APM Fuse Voltage (U MAIN P - U AUX REL)		Volts
HV Sensor - Battery Voltage - Positive contactor (U BAT P)		Volts
HV Sensor - Battery Voltage - Negative contactor (U BAT M)		Volts
HV Sensor - Weld Contactor Voltage - Positive contactor (U MAIN P)		Volts
HV Sensor - Weld Contactor Voltage - Negative contactor (U MAIN M)		Volts
HV Sensor - U AUX FUSE		Volts

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HV Battery Total Amp Hour Capacity (CAN)	AHr
HV Battery Pack Isolation state (CAN)	
HV Battery - Powertrain Isolation state (CAN)	
HV Sensor Pack Voltage VALIDITY (CAN)	
HV Battery Total Amp Hour Capacity VALIDITY (CAN)	
BPCM - MCU Reset Counter	
BPCM - RAM Reset Counter	
BPCM - ROM Reset Counter	
BPCM - Hall current sensor supply voltage (5VQT1)	Volts
BPCM - Precharge Penalty Timer (CAN)	seconds
BPCM - RTC Circuit Status	
BPCM - HVBat Sleep Time	seconds
BPCM - System Mode	No Unit
BPCM - HV Battery pack contactor request (CAN)	
BPCM - HV Battery Pack contactor Open (CAN)	
BPCM - HV Battery pack Contactor welded and impeded opening (CAN)	
BPCM - Crash Indication (CAN)	
BPCM - Crash Indication VALIDITY (CAN)	
BPCM - Retention Status	
BPCM - Active weld check type	
BPCM - Current Category of Wearout Counter	
HV Contactor State - Positive Contactor	
HV Contactor State - Negative Contactor	
HV Contactor State - Precharge Contactor	
CSC Fault - Cn Pin Open	
CSC Fault - Cn Short to SWn	
CSC Fault - Auxiliary channel 1 Pin Open	
CSC Fault - Auxiliary channel 2 Pin Open	
CSC Fault - Measured result difference between Alternative path and Primary path is out of range	
CSC Fault - Balancing Switch Short	
CSC Fault - Balancing Switch Open	
CSC Fault - Alternate reference voltage is out of range	
CSC Fault - Vaa voltage is out of range	
CSC Fault - Level shift amplifier offset voltage is out of range	
CSC Fault - Stuck ADC output bits verification with zero-scale	
CSC Fault - Stuck ADC output bits verification with full scale	
CSC Fault - Multiplexer Open/Short verification with single HVMUX test current source	
CSC Fault - Multiplexer Open/Short verification with both HVMUX test current sources	
CSC Fault - Measured result difference between Module voltage and Cell voltage summation	
CSC Fault - Vhv < Vhvuv	

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CSC Fault - Vhv - Vdcin > Vhvov
 CSC Fault Die Temperature is over the upper limit
 CSC Fault - Scanning for cell information is not complete
 CSC Fault ADC Data Path error
 CSC Fault - Packet Error Check
 CSC Fault - Power-on reset event occurred
 CSC Fault 32kHz oscillator frequency is not within +/- 5% of its expected value
 CSC Fault - Same as Alrtosc1 (redundant alert)
 CSC Fault Die Temperature is over the upper limit
 CSC Fault - Module number addressing is fail
 CSC Fault Alive counter is not matched to the expected value
 CSC Fault PEC Bits in Data check byte error
 CSC Fault - Vhv - V12 is too low
 CSC Fault Transmit data is not equal to read back data
 CSC Diagnostics - Initialization Status
 CSC Diagnostics CSC #01 Status
 CSC Diagnostics CSC #02 Status
 CSC Diagnostics - CSC #03 Status
 CSC Diagnostics CSC #04 Status
 CSC Diagnostics - CSC #05 Status
 CSC Diagnostics CSC #06 Status
 CSC Diagnostics CSC #07 Status
 CSC Diagnostics - CSC #08 Status
 CSC Diagnostics AFE Internal Operation Mode
 HVIL PWM Duty Cycle sink - Vehicle
 SBC Status
 Vref UV Flag
 Vref UV State
 5UV count @open
 5UV count @close
 12dip count @open
 12dip count @close
 Pos HSD Feedback Voltage
 Pos HSD Feedback Current
 Neg HSD Feedback Voltage
 Neg HSD Feedback Current
 OCM Value Mon Curr Enrg Val
 Retention Diagnosis Case
 Retention Diagnosis Flag
 Retention Diagnosis Status

%

mV

AMP

mV

AMP

Watt-Hr

SNAPSHOT DATA SUMMARY

Sess onID #

No Snapshot Data available for [REDACTED]

No Snapshot Data available for [REDACTED]

No Snapshot Data available for [REDACTED]

No Snapshot Data available for [REDACTED]

No Snapshot Data available for [REDACTED]

No Snapshot Data available for [REDACTED]

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