

CONFIGURATION REPORT

Vehicle

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C				
PCM	Powertrain Control Module	CAN-C				
ICS	Integrated Center Stack	CAN-I				
RFH	Radio Frequency Hub	CAN-C				
ESM	Electronic Shifter	CAN-C				
DTCM	Drive Train Control Module	CAN-C				
ORC	Occupant Restraint	CAN-C				
EPS	Electric Power Steering	CAN-C				
HVAC	Heat, Ventilation and A/C	CAN-I				
CSWM	Comfort Seat Wheel Module	CAN-I				
PTCM	Power Top Control Module	CAN-I				
AMP	Amplifier	CAN-I				
IPC	Instrument Panel Cluster	CAN-C				
PTS	Parktronics	CAN-C				
SCCM	Steering Column Control Module	CAN-C				
BCM	Body Controller	CAN-C				
RADIO	Radio	CAN-I				
OCM	Occupant Classification	CAN-C				
LBSS	Left Blind Spot Sensor	CAN-I				
RBSS	Right Blind Spot Sensor	CAN-I				

SessionID #

BPCM	Battery Pack Control Module	CAN-C				
HCP	Hybrid Control Processor	CAN-C				
DSM	Display Screen Module	CAN-I				
CVPM	Central vision processing module	CAN-I				
AMP	Auxiliary Hybrid Control Processor	CAN-C				
ABS0	Anti Lock Brakes	CAN-C				
SGW	Security Gateway Module	CAN-C				
DPDM	Driver Presence Detection Module	CAN-C				
DASM	Driver Assistance System Module	CAN-C				
IDCM	Integrated Dual Charge Module	CAN-C				
TBM2	Telematic Box Module 2	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 / USA					
CSWM	USA					
PTCM	USA					
AMP	USA					
IPC	USA					
PTS	USA					
SCCM	USA					
BCM	USA					
RADIO						
OCM	USA					
LBSS	USA					
RBSS	USA					
BPCM	Rest of world / ROW					

HCP	USA					
DSM	USA / USA					
CVPM	USA					
AHCP	USA					
ABS0	USA					
SM						
DPDM	USA					
DASM	USA					
IDCM						
TBM2	USA					

CONFIGURATION

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
4.9 Liter V8 Engine
5.7 Liter V8 Engine
6.1 Liter V8 Engine
Sensorless P-FV 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
W14 Variable Valve Timing Equipped
Clutch Interlock Switch Equipped
ESIM Equipped
Linear Purge Equipped
Linear EGR Equipped
Continuous Variable Transmission Equipped
Direct Injection Equipped
Secondary Fuel Pump Equipped
Electronic Coolant Pump Equipped
O2 Sensor Bank 1 Sensor 1 Equipped
O2 Sensor Bank 1 Sensor 2 Equipped
O2 Sensor Bank 1 Sensor 3 Equipped
O2 Sensor Bank 2 Sensor 1 Equipped
O2 Sensor Bank 2 Sensor 2 Equipped

Fixed displacement AC Equipped
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
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 WI4 engine
2.0 Liter WI4 engine
2.4 Liter WI4 engine
3.0 Liter V6 Engine
Tumble Generator Valve Equipped
Hybrid Electric Vehicle Equipped
Dual Speed Fuel Pump Equipped
Exhaust Cam 2 Equipped
Intake Cam 2 Equipped
1 Speed Fan Mechanical Relay System Equipped
2 Speed Fan Mechanical Relay System Equipped
2 Speed Fan PWM Relay System Equipped
Linear PWM Fan Relay System Equipped
PWM Fan Motor System Equipped
3 Speed Fan Mechanical Relay System Equipped
Fan Wake Up Relay System Equipped
2 Speed Fan 3 Driver 3 Relay System Equipped
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 Pressure ABS Equipped
GPEC2 Equipped
GPEC2A Equipped
GPEC3 Equipped
Cummins Equipped
GPEC4 Equipped
VMM Equipped
Powernet 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
6.2 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
Auxiliary 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

RFHwy 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)

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 Fill 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) (BB)		
DualZone ATC Control (BB)		
Dual Zone MTC Control (BB)		
Single Zone MTC Control (BB)		
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	0	

Current ANC Calibration ID - Service

ANC Status

Surround Sound Activated

Door Module - Left Front

Door Module - Right Front

Premium - 1

Premium - 2

Premium - 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		
Cruise Control / ACC		

BCM CONFIGURATION

NAME	VALUE	UNITS
RBSM		
LBSM		
BCM (Interior Bus)		
HSM		
HVAC		

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Radio

ITM

AMP

EDM

HVAC_R

TPM

AHLW 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

miles

Vehicle Configuration Auto Write Counter

Vehicle Configuration 1 - Write Counter

Vehicle Configuration 2 - Write Counter

Vehicle Configuration 3 - Write Counter

Vehicle Configuration 4 - Write Counter

Vehicle Configuration 5 - Write Counter

Vehicle Configuration 6 - Write Counter

Programmed ECUs: Cabin Network

Programmed ECUs: P/T Chassis Network

Programmed Network Configuration - Audio / Telematics Network

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

Programmed ECUs: Hybrid LAN Network

ECU Configuration 1 (CBC Configurable Inputs and Outputs)

ECU Configuration 2 (CBC Features)

ECU Configuration 3

ECU Configuration 4

ECU Configuration 5 (Wireless)

ECU Configuration 5 (Doors)

ECU Configuration 5 (Memory)

ECU Configuration 6 (Brake)

ECU Configuration 6 (Suspension)

ECU Configuration 6 (Powertrain)

ECU Configuration 6 (Safety)

ECU Configuration 7 (CBC Exterior Lighting Calibrations)

ECU Configuration 8 (LIN and Miscellaneous)

ECU Configuration 9A

ECU Configuration 9 (ITM)

ECU Configuration 10

ECU Configuration 11

ECU Configuration 12

ECU Configuration 13

ECU Configuration 14

ECU Configuration 15 (CBC Features)

ECU Configuration 15 (Suspension)

Vehicle Configuration 7 - Write Counter

Vehicle Config CSM1

Vehicle Config CSM2

Model Year

Vehicle Line

Country Code

Left/Right Hand Drive

Remote Start Present

Drive Configuration

Emode Present

Auto Highbeam

Body Style

Maximum Vehicle Speed

Shifter Type

Performance Pages Present

Special Packages

PTS Configuration

Hill Descent Feature Present

Select Speed Control Feature Present

Power Inverter Type

Thatcham Present

MPH

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

Chassis Type

Display Outside Temperature Present

HVAC Configuration

Vehicle Brand

Display Compass Heading Present

Interior EC Mirror Present

ESCL 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	
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 E47	
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	

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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 G10
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
SDAR Travel Link Present
DAB Present
Vehicle Theft Alarm Present
Heated Steering Wheel Present
VIN Check Digit Diable
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

Driver Kneebag 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

Auto Headlamp Off Threshold

Left Low Beam Voltage Regulation

Left High Beam Voltage Regulation

Right Low Beam Voltage Regulation

Right High Beam Voltage Regulation

Left Front Corner Voltage

Right Front Corner Voltage

Left Rear Corner Voltage

Right Rear Corner Voltage

Panic Enable

Volt

Volt

Compass Mounting Orientation	
Washer Fluid Level Voltage Threshold	
IBS Present	
ASBMM Present	
Humidity Sensor Present	
Manual Trans Present	
DC to DC Converter Present	
ASBMM 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	
Compass Mounting Angle	Degree
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	

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Brake Smoothing Duration

Brake Smoothing Factor

Steering Smoothing Duration

Steering Smoothing Factor

Steering Smoothing Threshold

Brake Smoothing Threshold

Maximum Longitudinal Change

Maximum Lateral Change

Acceleration Threshold

Acceleration Factor

Nose Dive Threshold

Nose Dive Factor

RKE Auto-Relock Feature Enable

PE Auto-Relock Feature Enable

VTA Hood Ajar Monitoring

Horn Chirp Duration

Pitch and Roll Present

Parking Light Enable

ASBM Minimum Voltage Time

ASBM Battery Minimum Voltage

Interior Lighting Night Threshold

Volt

Interior Lighting Day Threshold

Volt

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

Unit set customer settings menu
Power accessory delay customer settings menu
Ambient dimmer customer settings menu
Tire jack mode customer settings menu
Air suspension warning customer settings menu
Automatic aero mode customer settings menu
Auto high beam customer settings menu
Auto park customer settings menu
Blind spot alert customer settings menu
Clock display customer settings menu
Compass calibration customer settings menu
Compass variance customer settings menu
Consumption unit customer settings menu
Distance unit customer settings menu
Auto door lock customer settings menu
Easy exit seat customer settings menu
Auto entry exit mode customer settings menu
EPB service mode customer settings menu
Headlamp drop customer settings menu
Headlamp off delay customer settings menu
Headlamps on with wiper customer settings menu
Passive entry customer settings menu
Illuminated approach customer settings menu
Lane departure torque customer settings menu
Lane departure warning customer settings menu
Rear camera customer settings menu
Rain sensitive wipers customer settings menu
Power take off customer settings menu
Pressure unit customer settings menu
Power unit customer settings menu
Power liftgate chime customer settings menu
Performance shift enable customer settings menu
Rear view camera delay customer settings menu
RKE unlock customer settings menu
Speed unit customer settings menu
Tilt mirror in reverse customer settings menu
Torque unit customer settings menu
Teen Key Fuel Pop-up Customer Settings Menu
Teen Key Automatic High Beam Customer Settings Menu
Passenger Airbag On/Off Customer Settings Menu
Forward Collision Warning and Brake Customer Settings Menu
Doors and Engine Off Power Delay Customer Settings Menu
Radio Speaker Open Circuit Disable (LF)

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Radio Speaker Open Circuit Disable (RF)	
Radio Speaker Open Circuit Disable (LR)	
Radio Speaker Open Circuit Disable (RR)	
ANC Calibration Parameter Data Set	ms
Surround View Camera On/Off Softkey Present	
Drive Mode Version	
Rear Defrost and Heated Mirrors Present	
Show Phone Information in Cluster	
Auto Dimming Mirror Hard Button Present	
Clari-Fi Present	
Automatic Crash Notification Feature Present	
Trailer Hitch Camera Present	
Park Assist Tuning Set	
Rear Defrost Presence	
Heated Mirrors Present	
Engine Displacement	
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 Status		
Reason Code		
Suspend Day		
Suspend Month		
Suspend Year		
Distortion Limiting		
Clock Defeat		
Stereo Blend		
High Cut		
Automated Loudness		
Anti-Theft Enable Status		
12/24 Time Selection		
Front Seat Video Playback		
Cabin EQ Curve Number Currently Used by Radio		events
Splash Screen		
USB Hubs Detected		No Unit
SD Card Readers Detected		No Unit
Enumerated USB Devices		No Unit
Aux Jack		

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	[REDACTED]	No Unit
Hybrid Type		
Trans Type		
Drive Configuration		
Chassis Type		
Axle Ratio		No Unit
Tire Circumference		inch

DASM CONFIGURATION

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

TBM2 CONFIGURATION

NAME	VALUE	UNITS
Enable Auto Answer	—	

SessionID # [REDACTED]

[illegible]

HCP	USA					
DSM	USA / USA					
AHCP	USA					
ABS0	USA					
SGM						
DPDM	USA					
DASM	USA					
IDCM						
TBM2	USA					

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
BCM			Stored
HCP			Stored
HCP			Stored

ENVIRONMENTAL DATA SUMMARY

BCM | **Stored** | Wiper Park Switch Input-Circuit Short to Ground

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		

HCP | **Stored** | Power Inverter Module - Incorrect Control Mode-

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	%
Barometric Pressure	PSI
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	
Actual Torque - Motor A	Ft-Lbs
Actual Torque - Motor B	Ft-Lbs
Available Motor Torque - Motor A	Ft-Lbs
Available Motor Torque - Motor B	Ft-Lbs
Available Regen Torque - Motor A	Ft-Lbs
Available Regen Torque - Motor B	Ft-Lbs
Commanded Torque - Motor A	Ft-Lbs
Commanded Torque - Motor B	Ft-Lbs
Motor A - Inverter Current - phase A	AMP
Motor A - Inverter Current - phase B	AMP
Motor A - Inverter Current - phase C	AMP
Motor B - Inverter Current - phase A	AMP
Motor B - Inverter Current - phase B	AMP
Motor B - Inverter Current - phase C	AMP
Motor A Resolver Angle	Degree
Motor B Resolver Angle	Degree

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Motor A Temp Sensor	°F
Motor B Temp Sensor	°F
Outside Air Temperature	°F
Ignition State	
HCP ePT Wake-Up Output	
CBC Wake-Up Input	
ePT LOC Diag Enable	
Propulsion System Active	
HV Contactor Status	
HV Battery Voltage from BPCM	Volts
Electric Motor A Speed	rpm
Electric Motor B Speed	rpm
PIM DC Link Voltage - A	Volts
PIM DC Link Voltage - B	Volts
Inverter A IGBT Temperature for phase A	°F
Inverter A IGBT Temperature for phase B	°F
Inverter A IGBT Temperature for phase C	°F
Inverter B IGBT Temperature for phase A	°F
Inverter B IGBT Temperature for phase B	°F
Inverter B IGBT Temperature for phase C	°F
APM Status	
Impact Event	
PRND Position Display	
HCP System Shutdown Command	
PHEV Charging Status	
Distance Travelled with Light ON	miles
OBCM Operating Mode	
J1772 Prox Detected State	
HV Battery Sleep Time	Days
SW Build Release Version	
HCP SW Version	
High Voltage bus voltage fault status	
Lv1 Engine Speed	rpm
Lv1 Vehicle Speed	MPH
Lv1 Ignition State	
Commanded Ignition State	
Ignition Switch	
HV Battery Contactor Fault Active	
eMotor A Mode Command	
HV Battery Contractor State	
Lv2 Vehicle Speed	MPH
Lv1 In Field Mode	
Lv1 Resolver Offset Learn	
Lv2 CAN-C BusOff	

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

Lv2 CAN-ePT BusOff
Lv1 Post Code Clear Diag Disabled
CAN Key Status Fault Active
Lv2 Test Device Present
Lv2 Output Torque Max Limit Fail
Lv2 Output Torque Min Limit Fail
Lv1 Diagnostic System Disabled
Lv1 Disabled Diagnostic Fail Safe
CAN Hybrid Feedback ECM
eMotor B Mode Command
Motor A Inverter SW Command
Motor B Inverter SW Command
Lv2 Output Torque Command Fault
Lv1 Retarded Shutdown
Lv1 System Shutdown
Lv2 Motor Mode Failure
Lv2 Key Run Crank Active
Lv2 CAN Key In Run
Lv2 Motor Mode Monitor Not Allowed
Lv2 Motor Mode Falling
Lv2 Motor Mode Monitor Set
Lv2 Prime Running
Lv2 Motor Mode Fault Count
HCP Level 2 Commanded Reduced Performance Torque
HCP Level 2 Flag to trigger Reduced Performance Mode
HCP Level 2 Output Torque Monitor Failing - Max Lim Violated
HCP Level 2 Output Torque Monitor Failing - Min Lim Violated
HCP Level 2 Output Torque Monitor Failed - Max Lim Violated
HCP Level 2 Output Torque Monitor Failed - Min Lim Violated
HCP Level 2 Regen Monitor Fault
HCP Level 2 Reduced Performance Mode
GPS Date - Year
GPS Date - Month
GPS Date - Day
UTC Time - Hours
UTC Time - Minutes
UTC Time - Seconds
ECU Time - Milliseconds

Ft-Lbs

Count

Year

Days

Hours

seconds

ms

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

NAME	VALUE	UNITS
DTC	[REDACTED]	
Test Failed	[REDACTED]	
Test Failed This Operation Cycle	[REDACTED]	

SessionID # [REDACTED]

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		%
Barometric Pressure		PSI
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		
Actual Torque - Motor A		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase C		AMP

0

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		Degree
Motor B Resolver Angle		Degree
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Outside Air Temperature		°F
Ignition State		
HCP ePT Wake-Up Output		
CBS Wake-Up Input		
EPT LOP Diag Enable		
Propulsion System Active		
HV Contactor Status		
HV Battery Voltage from BPCM		Volts
Electric Motor A Speed		rpm
Electric Motor B Speed		rpm
PIM DC Link Voltage - A		Volts
PIM DC Link Voltage - B		Volts
Inverter A IGBT Temperature for phase A		°F
Inverter A IGBT Temperature for phase B		°F
Inverter A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase C		°F
APM Status		
Impact Event		
PRND Position Display		
HCP System Shutdown Command		
PHEV Charging Status		
Distance Travelled with Light ON		miles
OBCM Operating Mode		
J1772 Prox Detected State		
HV Battery Sleep Time		Days
SW Build Release Version		
HCP SW Version		
High Voltage bus voltage fault status		
Lv1 Engine Speed		rpm
Lv1 Vehicle Speed		MPH
Lv1 Ignition State		
Commanded Ignition State		
Ignition Switch		
HV Battery Contactor Fault Active		
eMotor A Mode Command		
HV Battery Contractor State		
Lv2 Vehicle Speed		MPH
Lv1 In Field Mode		

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Lv1 Resolver Offset Learn		
Lv2 CAN-C BusOff		
Lv2 CAN-ePT BusOff		
Lv1 Post Code Clear Diag Disabled		
CAN Key Status Fault Active		
Lv2 Test Device Present		
Lv2 Output Torque Max Limit Fail		
Lv2 Output Torque Min Limit Fail		
Lv1 Diagnostic System Disabled		
Lv1 Disabled Diagnostic Fail Safe		
CAN Hybrid Feedback ECM		
eMotor B Mode Command		
Motor A Inverter SW Command		
Motor B Inverter SW Command		
Lv2 Output Torque Command Fault		
Lv1 Retarded Shutdown		
Lv1 System Shutdown		
Lv2 Motor Mode Failure		
Lv2 Key Run Crank Active		
Lv2 CAN Key In Run		
Lv2 Motor Mode Monitor Not Allowed		
Lv2 Motor Mode Falling		
Lv2 Motor Mode Monitor Set		
Lv2 Prime Running		
Lv2 Motor Mode Fault Count		
HCP Level 2 Commanded Reduced Performance Torque		Ft-Lbs
HCP Level 2 Flag to trigger Reduced Performance Mode		
HCP Level 2 Output Torque Monitor Failing - Max Lim Violated		
HCP Level 2 Output Torque Monitor Failing - Min Lim Violated		
HCP Level 2 Output Torque Monitor Failed - Max Lim Violated		
HCP Level 2 Output Torque Monitor Failed - Min Lim Violated		
HCP Level 2 Regen Monitor Fault		
HCP Level 2 Reduced Performance Mode		Count
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

SNAPSHOT DATA SUMMARY

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)

[REDACTED]