


WI
TECH 2.0

CONFIGURATION REPORT

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				
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					
RBSS	Right Blind Spot Sensor					
BPCM	Battery Pack Control Module					

HCP	Hybrid Control Processor	CAN-C				
AHCP	Auxiliary Hybrid Control Processor	CAN-C				
ABSO	Anti Lock Brakes OBD	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				

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					
PTCM	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					
DASM	USA					
IDCM	USA					

CONFIGURATION**TCM CONFIGURATION**

NAME	VALUE	UNITS
Autostick/ERS On/Off Switch Equipped		
Paddle-Shift Switches Equipped		
██████████ 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		

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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	
MPV 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	
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 W14 engine

2.0 Liter W14 engine

2.4 Liter W14 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

GPEC2 Equipped
 GPEC2A Equipped
 GPEC3 Equipped
 Cummins Equipped
 GPEC4 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
 [REDACTED]
 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		
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

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		
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)

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	[REDACTED]	
Front Locker Present	[REDACTED]	
Rear Locker Present	[REDACTED]	
FAD Present	[REDACTED]	
Mode Switch Present	[REDACTED]	
Left/Right Hand Drive	[REDACTED]	
Axle Ratio	[REDACTED]	
T-Case Type	[REDACTED]	
SRT Present	—	

ORC CONFIGURATION

NAME	VALUE	UNITS
Rollover Sensing	[REDACTED]	
EPPM	[REDACTED]	
Occupant Classification (OCM)	[REDACTED]	
First Row Driver Seatbelt Buckle Switch	[REDACTED]	
First Row Passenger Seatbelt Buckle Switch	[REDACTED]	
Second Row Left seat belt Switch	[REDACTED]	
Second Row Center seat belt Switch	[REDACTED]	
Second Row Right seat belt Switch	[REDACTED]	
Driver Seat Track Position Sensor	[REDACTED]	
Passenger Seat Track Position Sensor	[REDACTED]	
Passenger Occupant Detection Sensor	[REDACTED]	
Passenger Airbag Disable Switch	[REDACTED]	
Passenger Airbag Disable Indicator	[REDACTED]	
Driver Frontal Squib 1	[REDACTED]	
Driver Frontal Squib 2	[REDACTED]	
Driver Frontal Squib 3	[REDACTED]	
Passenger Frontal Squib 1	[REDACTED]	
Passenger Frontal Squib 2	[REDACTED]	
Passenger Frontal Squib 3	[REDACTED]	
Driver Knee Bolster Squib	[REDACTED]	
Passenger Knee Bolster Squib	[REDACTED]	
Driver Seatbelt Retractor Pretensioner	[REDACTED]	
Passenger Seatbelt Retractor Pretensioner	[REDACTED]	
Driver Seatbelt Load Limiter	[REDACTED]	
Passenger Seatbelt Load Limiter	[REDACTED]	
Driver Seatbelt Anchor Pretensioner	[REDACTED]	
Passenger Seatbelt Anchor Pretensioner	[REDACTED]	
Driver Seatbelt Buckle Pretensioner	[REDACTED]	
Passenger Seatbelt Buckle Pretensioner	[REDACTED]	
Left Curtain Squib 1	[REDACTED]	

Right Curtain Squib 1	[REDACTED]	
Left Side Seat Squib 1	[REDACTED]	
Right Side Seat Squib 1	[REDACTED]	
Second Row Left Seat Side Airbag	[REDACTED]	
Second Row Right Seat Side Airbag	[REDACTED]	
Driver Frontal Squib 4	[REDACTED]	
Passenger Frontal Squib 4	[REDACTED]	
Left Up-Front Acceleration Sensor	[REDACTED]	
Right Up-Front Acceleration Sensor	[REDACTED]	
Right B-Pillar Impact Acceleration Sensor	[REDACTED]	
Left B-Pillar Impact Acceleration Sensor	[REDACTED]	
Left C-Pillar Impact Acceleration Sensor	[REDACTED]	
Right C-Pillar Impact Acceleration Sensor	[REDACTED]	
Right D-Pillar Impact Acceleration Sensor	[REDACTED]	
Left D-Pillar Impact Acceleration Sensor	[REDACTED]	
Left Side Door Pressure Sensor	[REDACTED]	
Right Side Door Pressure Sensor	[REDACTED]	
Configuration Column Identifier	[REDACTED]	

HVAC CONFIGURATION

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

AMP CONFIGURATION

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

No HALF Chimes

IPC CONFIGURATION

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

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		
PTCM		
Radio		
ITM		
AMP		
EDM		
HVAC_R		
TBM		
AHLM/AFLS		
ASCM		
BCM (PT)		

SessionID #

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		
Vehicle Configuration Auto Write Counter		
Vehicle Configuration 1 - Write Counter		
Vehicle Configuration 2 - Write Counter		
Vehicle Configuration 3 - Write Counter		
Vehicle Configuration 4 - Write Counter		
Vehicle Configuration 5 - Write Counter		
Vehicle Configuration 6 - Write Counter		
Programmed ECUs: Cabin Network		
Programmed ECUs: P/T Chassis Network		
Programmed Network Configuration - Audio / Telematics Network		
Programmed ECUs: Hybrid LAN Network		
ECU Configuration 1 (CBC Configurable Inputs and Outputs)		
ECU Configuration 2 (CBC Features)		
ECU Configuration 3		
ECU Configuration 4		
ECU Configuration 5 (Wireless)		
ECU Configuration 5 (Doors)		
ECU Configuration 5 (Memory)		
ECU Configuration 6 (Brake)		
ECU Configuration 6 (Suspension)		

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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 14 (SBC 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		
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		
Max Load Inflation Pressure Front Tire		

Light Load Inflation Pressure Rear Tire		
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		
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		
Axle Ratio		
Transfer Case Low Range Reduction Ratio		
Dynamic Tire Circumference (All or Rear)		
Dual Rear Wheel (DRW) Vehicle Present		
Non-Regulated Tire Pressure Information System (TPIS) Present		

Steering Ratio at zero		
Steering Ratio at Positive Angle 1		
Steering Ratio at Positive Angle 2		
Steering Ratio at Positive Angle 3		
Steering Ratio at Positive Angle 4		
Steering Ratio at Positive Angle 5		
Analog Door Sensor Configuration		
Air Quality System Present		
Steering Ratio at Negative Angle 1		
Steering Ratio at Negative Angle 2		
Steering Ratio at Negative Angle 3		
Steering Ratio at Negative Angle 4		
Steering Ratio at Negative Angle 5		
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 F28		
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		
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)

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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

SDAR Travel Link 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

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

Tilt/Telescope Steering Present

Memory Seat Present

Rear Heated Seats Present

Front Vented Seats Present

Heated Steering Wheel Present

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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

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

Washer Fluid Level Voltage Threshold

IBS Present

ASBMM Present

Humidity Sensor Present

Manual Trans Present

DC to DC Converter Present

ASBM Present

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		
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		
Rear Fog Voltage		
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

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

[REDACTED]

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

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)

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

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		
SD Card Readers Detected		
Enumerated USB Devices		
Aux Jack		

DTV Short Term Configuration

LBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)		
Teen Key		
CFR FEATURE		

RBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)		
Teen Key		

ABSO CONFIGURATION

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

DASM CONFIGURATION

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



WI
TECH 2.0

ECU SUMMARY INFO

[illegible]

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					
PTCM	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					
DASM	USA					
IDCM	USA					

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM		Crankcase Pressure Sensor "A" Circuit Low	

ENVIRONMENTAL DATA SUMMARY

PCM | P051C | Pending | Crankcase Pressure Sensor "A" Circuit Low

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		
Starts Since Set Counter		
Key Cycles Since DTC Last Set Counter		
Warm Up Cycles		
Good Trip Counter		

SNAPSHOT DATA SUMMARY

No Snapshot Data available for

[Print Form](#)

CHECK ENGINE LIGHT ON AND ENGINE NOISE AND LOST POWER

Enter DTC's: XXXXXXXXXX

Oil Level Full: Yes ☒ No ☐ Or the oil is ☐ Quarts Low Oil Condition: Sludge ☐ Fuel ☐ Metal ☐ Water ☐ Antifreeze ☐

AFTERMARKET OR MODIFIED PARTS

Explain the above checked:

Take a fuel sample, Was there any contamination? If so Explain:

Where is the leak coming from?

Did you bore scope the cylinders? If so what did you see?

[illegible]

