

Vehicle

NAME	BUS TYPE
Transmission Control Module	CAN-C

[illegible]

(b)(6)

INFORMATION

INFORMATION

INFORMATION

DASM

USA

TBM2

CONFIGURATION

PCM 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
3.6 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
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

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

G

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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)

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

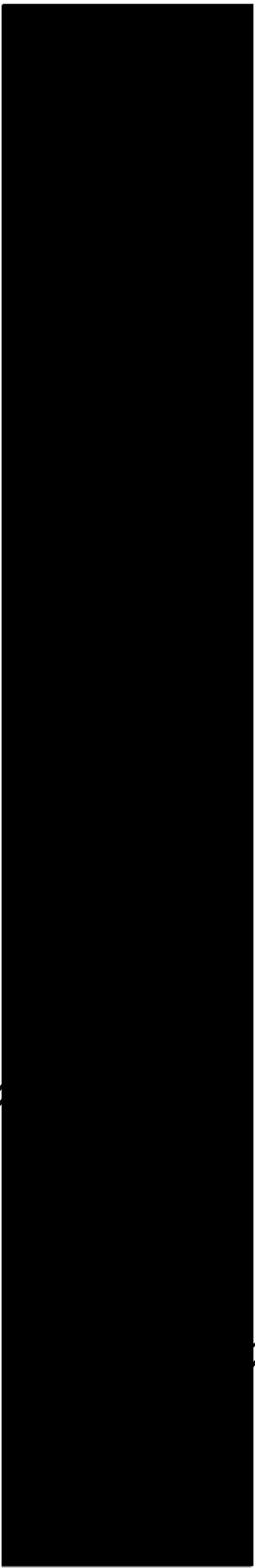
DTCM CONFIGURATION

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



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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)

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

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)		
DTCM		

PCM
EPS
ESM
ABS
RFH
PC
OP
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

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 Count
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

MPH

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

ort

PSI

PSI

PSI

gallons

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

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 A/CY Relay #2 Output Present Pin E9

Side Marker 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 E1

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 Drive
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

Volt

Volt

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	
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

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

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

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- 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



ms

RADIO CONFIGURATION

NAME	VALUE	UNITS
Satellite Subscription Status		
Reason Code	00	
Suspend Day	00	
Suspend Month	00	
Suspend Year	00	
Distortion Limiting		

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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

CAN Architecture

ABSO CONFIGURATION

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

DASM CONFIGURATION

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

Vehicle

SessionID

[illegible]

DSM	Display Screen Module	CAN I				
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					
PTCM	USA					
IPC	USA					
SCCM	USA					
BCM	USA					
RADIO						
OCM	USA					
BPCM	Rest of world / ROW					
HCP	USA					
EAM						
DSM	USA / USA					
AHCP	USA					
ABSO	USA					
SGW						
DPDM	USA					

DASM USA

IDCM USA

TBM2

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
TCM			Stored
RADIO			Stored

ENVIRONMENTAL DATA SUMMARY

TCM | | Stored | Clutch Position Control Error-

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 | | Stored | Lost Communication with Emergency Alert Module-

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0810-00

RADIO | | Stored | Lost Communication with Emergency Alert Module-

Record 0

NAME	VALUE	UNITS
------	-------	-------

SessionID #

DTC

Test Failed

Test Failed This Operation Cycle

Pending DTC

Confirmed DTC



Record 1

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		



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SET [REDACTED] Clutch Position Error

Dealer Procedure:

1. Collect Vehicle Scan Report (VSR)
2. Collect the following K0 Clutch Adaptation data using Witech:

Select DDE Group "Adaptive Clutch Values"

- a. [REDACTED] - Clutch- K0 - fast filling counter
- b. [REDACTED] - Clutch- K0 - filling time
- c. [REDACTED] - Clutch- K0 - filling counter
- d. [REDACTED] - Clutch- C0 - filling pressure

3. Attempt to replicate the customer narrative.

a. Is the concern repeatable.

i. If NO, skip to step 4.

ii. If YES, Record details of maneuver (trans temp, driving scenario, grade, vehicle speed, gear, engine speed, accelerator pedal position)

[Include any other appropriate verbal description]

4. Perform a Transmission Standstill Adaptation using the Witech Routine

a. PHEV Quicklearn

5. Again, collect the same K0 Clutch Adaptation data (from step 2) using Witech.

a. Check that Clutch- K0 - fast filling counter and Clutch- K0 - filling counter are equal to one (1).

i. If No, Repeat step 4

ii. If Yes, Go to step 6

6. Turn the vehicle OFF. Let the vehicle go to complete sleep. Then turn vehicle back ON (Intention: Key Cycle)

7. Shift vehicle into M-Mode (Manual Mode) on shifter. Combustion engine should come ON. Drive for 1 min below 5 mph. Come to a stop and shift back to Drive mode and wait until combustion engine turns OFF (Intention: To get K0 closed and open)

8. Repeat step 7 two (2) more times.

9. Switch the vehicle into Electric Mode (EV -Mode). Shift into Drive and Keep brake ON. Wait 5 min in this configuration. (Intention: To get K0 adaptations in Drive). If the [REDACTED] sets during this step, then proceed using the current standard [REDACTED] diagnostic.

10. Collect Clutch- K0 - fast filling counter and Clutch- K0 - filling counter using Witech

a. If the counters are 3 or more then,

i. Confirm that Clutch- C0 - filling pressure [mbar] is below 550 mbar. STOP here and return the repaired vehicle to the customer.

ii. If the Clutch- C0 - filling pressure [mbar] is above 550 mbar, proceed using the current standard [REDACTED] diagnostic.

b. If the counter is lower than 3

i. Repeat Step 7 through Step 9.

ii. If counters are not increasing after 2 attempts, then proceed using the current standard [REDACTED] diagnostic.

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