



WI
TECH 2.0

[illegible]

ECU SUMMARY INFO

[illegible]

(FOIA) b(7)(F) U.S.C. 552 (B) (6)

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
TCM						
PCM						
ICS						
RFH						
ESM						
ORC						
EPS						
HVAC						
IPC						
SCCM						
BCM						
RADIO						
OCM						
BPCM						
HCP						
DSM						
AHCP						
ABSO						
SGW						
DPDM						
DASM						
IDCM						
TBM2						

CONFIGURATION

TCM CONFIGURATION

NAME	VALUE	UNITS
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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

[REDACTED]

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	[REDACTED]	
AC Equipped Over Bus	[REDACTED]	
Power Steering Switch Equipped	[REDACTED]	
4 Button Integrated Cruise Control	[REDACTED]	
[REDACTED]	[REDACTED]	
Vehicle Speed Sensor #1 Calculated from CAN	[REDACTED]	
Police Package Equipped	[REDACTED]	
Unleaded Gasoline Fuel	[REDACTED]	
Unleaded diesel fuel	[REDACTED]	
6.4 Liter V8 Engine	[REDACTED]	
4 Speed Automatic Transmission Equipped	[REDACTED]	
Electronic Automatic Transmission (EATX) Equipped	[REDACTED]	
Vehicle Speed Sensor #1 Calculated by ECU	[REDACTED]	
4.7 Liter V8 Engine	[REDACTED]	
[REDACTED]	[REDACTED]	
6.1 Liter V8 Engine	[REDACTED]	
Sensorless FFV Enabled	[REDACTED]	
Electronic Throttle Control Equipped	[REDACTED]	
3.6 Liter V6 Engine	[REDACTED]	
4.0 Liter I6 Engine	[REDACTED]	
3.8 Liter V6 Engine	[REDACTED]	

3.7 Liter V6 Engine

3.5 Liter V6 Engine

3.3 Liter V6 Engine

3.2 Liter V6 Engine

MTV Solenoid Equipped

MVB Equipped

Turbocharger 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

W14 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

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

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 W4 engine

2.0 Liter W4 engine

2.4 Liter W4 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

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

TOOLCONFIG Oil Pressure ABS Equipped

GPEC2 Equipped

GPEC2A Equipped

GPEC3 Equipped

Cummins Equipped

GPEC4 Equipped

[REDACTED]

PowerNet Equipped

CUSW (11 M) Equipped

Fiat 940 Comp Pro Equipped

[REDACTED]

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

[REDACTED]

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

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

6.2 Liter V8 Engine

Primary Lin Alternator Equipped

Coolant On Off Pump Equipped

Oil Pressure Sensor Enabled

Dual Fuel Tank Equipped

Yell Rate Sensor ESC Equipped

1.0 Liter B 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

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

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

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

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 Pin 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		

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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 #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

Secret Key Sent to Body Controller - Most recent attempt

Secret Key Sent to Body Controller Original attempt

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

Base TPM Present		
Full Size Matching Spare Tire Present		
ECU Ship Status		
Tire Pressure System		
Selectable Tire Fill Alert		
TPM Auto Locate Enabled		

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		
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		
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		
Load Limiter		
Driver Seatbelt Anchor Pretensioner		
Passenger Seatbelt Anchor Pretensioner		
Driver 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		
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		
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 Without EBL (3Knob)		
MTC heater only (3Knob)		

IPC CONFIGURATION

NAME	VALUE	UNITS
Main Fuel Tank Gauge - Empty Stop Calibration		Volts

Main Fuel Tank Gauge 1/4th Datum Calibration		Volts
Main Fuel Tank Gauge - 1/2 Datum Calibration		Volts
Main Fuel Tank Gauge 3/4 Datum Calibration		Volts
Main Fuel Tank Gauge - Full Stop Calibration		Volts
Sub Fuel Tank Gauge Empty Stop Calibration		
		Volts
Sub Fuel Tank Gauge - 1/2 Datum Calibration		Volts
Sub Fuel Tank Gauge 3/4 Datum Calibration		Volts
Sub Fuel Tank Gauge - Full Stop Calibration		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		
ASCM		
BCM (PT)		
DTCM		
PCM		
EPS		
ESM		
ABS		
RFH		
IPC		
ORC		

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

PTS		
SCCM		
ELSD		
TCM		
FLS		
OCM		
DPDM		
SGW		
ASBS		
ANC		
Vehicle Configuration Programmed Status		
Last Programmed Status		
Last Configuration Odometer	0	km
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)		

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

ECU Configuration 10		
ECU Configuration 11		
ECU Configuration 12		
ECU Configuration 13		
ECU Configuration 15 (CBC Features)		
ECU Configuration 15 (Suspension)		
Vehicle Configuration 7 Write Counter		
Vehicle Config CSM1		
Vehicle Config PM2		
Model Year		
Vehicle Line		
Country Code		
Left/Right Hand Drive		
Remote Start Present		
Drive Configuration		
Emode Present		
Auto Highbeam		
Body Style		
Maximum Vehicle Speed		
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		
Special Packages		
Max Load Inflation Pressure Rear Tire		kPa
Max Load Inflation Pressure Front Tire		kPa
Light Load Inflation Pressure Rear Tire		kPa
Police Lighting Feature		
Power Lift Gate Present		
Power Right Sliding Door Present		

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

Power Left Sliding Door Present		
RKE System Present		
Sunshade Present		
T-Case Type		
Wheel Base		
TOBIK Safe Enable		
EV Present		
Fuel Capacity		Liters
Window Express Feature Configuration		
Adjustable Pedal Feature Present (non Memory)		
Auto Headlamp Feature Present		
Door Alert Feature Present		
Two Fuel Sending Units Present		
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		
Auto Park Present		
Passive Entry Present		
Keyless Go Present		
Transfer Case High Ratio		
Transfer Case Low Range Reduction Ratio		
Dynamic Tire Circumference (All or Rear)		mm
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

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

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 Turn Lamps Output Present Pin E3 & F42		

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

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

[REDACTED]

LED Rear Fog Lamps Present

[REDACTED]

LED Front Turn Lamps Present

LED Front Fog Lamps Present

LED Dedicated DRL Present

LED Low Beam Lamps Present

LED High Beam Lamps Present

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

[REDACTED]
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

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

Splashscreen Type		
ERS Available		
Rear Wheel Dually		
Max Gear		
Virtual Speedometer Units		
Speedometer Range Max Scale		
IO Config Feature		
PTO Present		
AMB Dimming		
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	[REDACTED]	
Tilt/Telescope Steering Present	[REDACTED]	
Memory Seat Present	[REDACTED]	
Rear Heated Seats Present	[REDACTED]	
Front Vented Seats Present	[REDACTED]	
Heated Steering Wheel Present	[REDACTED]	
Heated Seat Material Type	[REDACTED]	
Heated Wheel Material Type	[REDACTED]	
Rear Vented Seats Present	[REDACTED]	
Front Heated Seat Present	[REDACTED]	
Brake System ECU Configuration A	[REDACTED]	
Wheel 18 inch overall ES2 Maserati	[REDACTED]	
Brake System ECU Configuration B	[REDACTED]	
ECO Mode Configuration	[REDACTED]	
Dual Alternator Present	[REDACTED]	
ODS Present	[REDACTED]	
Driver Kneebag Present	[REDACTED]	
[REDACTED]	[REDACTED]	
Curtain Airbags Present	[REDACTED]	
Tow Hooks Present	[REDACTED]	
Passive Ped Pro Present	[REDACTED]	
2nd Row Seat Airbags Present	[REDACTED]	
Reserved	[REDACTED]	
Reserved	[REDACTED]	
Integrated EPP Present	[REDACTED]	
BUX vehicle	[REDACTED]	
Signature Light Present	[REDACTED]	
Dual Filament Headlamp	[REDACTED]	
Front Turn Lamp Diagnostics	[REDACTED]	
Auto Headlamp On Threshold	[REDACTED]	Volt
Auto Headlamp Off Threshold	[REDACTED]	Volt
Left Low Beam Voltage Regulation	[REDACTED]	
Left High Beam Voltage Regulation	[REDACTED]	
Right Low Beam Voltage Regulation	[REDACTED]	
Right High Beam Voltage Regulation	[REDACTED]	
Left Front Corner Voltage	[REDACTED]	
Right Front Corner Voltage	[REDACTED]	
Left Rear Corner Voltage	[REDACTED]	
Right Rear Corner Voltage	[REDACTED]	
Panic Enable	[REDACTED]	
Compass Mounting Orientation	[REDACTED]	
Washer Fluid Level Voltage Threshold	[REDACTED]	

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

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 Tail Lamp 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		
Auto High Beam Module Location		
Average Last Longitudinal Acceleration Values		
Average Last Lateral Acceleration Values		
Excess Longitudinal Acceleration Factor		
Excess Lateral Acceleration Factor		

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

Brake Smoothing Duration	[REDACTED]	
Brake Smoothing Factor	[REDACTED]	
Steering Smoothing Duration	[REDACTED]	
Steering Smoothing Factor	[REDACTED]	
[REDACTED]	[REDACTED]	
Brake Smoothing Threshold	[REDACTED]	
Maximum Longitudinal Change	[REDACTED]	
Maximum Lateral Change	[REDACTED]	
Acceleration Threshold	[REDACTED]	
Acceleration Factor	[REDACTED]	
Nose Dive Threshold	[REDACTED]	
[REDACTED] Factor	[REDACTED]	
RKE Auto Relock Feature Enable	[REDACTED]	
PE Auto-Relock Feature Enable	[REDACTED]	
VTA Hood Ajar Monitoring	[REDACTED]	
Horn Chirp Duration	[REDACTED]	
Pitch and Roll Present	[REDACTED]	
Parking Light Enable	[REDACTED]	
ASBM Minimum Voltage Time	[REDACTED]	
ASBM Battery Minimum Voltage	[REDACTED]	
Interior Lighting Night Threshold	[REDACTED]	Volt
Interior Lighting Day Threshold	[REDACTED]	Volt
Axle Locker Configuration	[REDACTED]	
Transmission Equipped	[REDACTED]	
Park Brake Type	[REDACTED]	
TPMS Configuration	[REDACTED]	
Hybrid Type	[REDACTED]	
TSBM Module Present	[REDACTED]	
ADR feature Present	[REDACTED]	
AGS Feature Present	[REDACTED]	
Temperature Display Resolution	[REDACTED]	
PTC Present	[REDACTED]	
Glovebox Control	[REDACTED]	
Glare Free Present	[REDACTED]	
[REDACTED]	[REDACTED]	
Suspension Type	[REDACTED]	
Park assist customer settings menu	[REDACTED]	
Park assist brake customer settings menu	[REDACTED]	
Park assist front volume customer settings menu	[REDACTED]	
Park assist rear volume customer settings menu	[REDACTED]	
Electric power steering customer settings menu	[REDACTED]	
Forward collision warning customer settings menu	[REDACTED]	

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

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

Tilt/lock mode customer settings menu

Air suspension warning customer settings menu

Automatic zero 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

[REDACTED] customer settings menu

Teen Key Fuel Pop-up Customer Settings Menu

Teen Key Automatic High Beam Customer Settings Menu

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

Passenger Airbag On/Off Customer Settings Menu	[REDACTED]	
Forward Collision Warning and Brake Customer Settings Menu	[REDACTED]	
Doors and Engine Off Power Delay Customer Settings Menu	[REDACTED]	
Radio Speaker Open Circuit Disable (LF)	[REDACTED]	
Radio Speaker Open Circuit Disable (RF)	[REDACTED]	
Radio Speaker Open Circuit Disable (LR)	[REDACTED]	
Radio Speaker Open Circuit Disable (RR)	[REDACTED]	
ANC Calibration Parameter Data Set	[REDACTED]	ms
Surround View Camera On/Off Softkey Present	[REDACTED]	
[REDACTED]	[REDACTED]	
Rear Defrost and Heated Mirrors Present	[REDACTED]	
Show Phone Information in Cluster	[REDACTED]	
Auto Dimming Mirror Hard Button Present	[REDACTED]	
Clari-Fi Present	[REDACTED]	
Automatic Crash Notification Feature Present	[REDACTED]	
Trailer Hitch Camera Present	[REDACTED]	
Park Assist Tuning Set	[REDACTED]	
Rear Defrost Presence	[REDACTED]	
Heated Mirrors Present	[REDACTED]	
Engine Displacement	[REDACTED]	
Steering C Factor	[REDACTED]	
Speedometer Tolerance	[REDACTED]	
Increasing speed constant	[REDACTED]	
Tachometer Type	[REDACTED]	
DTV Present	[REDACTED]	
Tri-State Comfort Climate Softkey Function Present	[REDACTED]	

RADIO CONFIGURATION

NAME	VALUE	UNITS
Satellite Subscription Status	[REDACTED]	
[REDACTED]	[REDACTED]	
Suspend Day	[REDACTED]	
Suspend Month	[REDACTED]	
Suspend Year	[REDACTED]	
Distortion Limiting	[REDACTED]	
Clock Defeat	[REDACTED]	
Stereo Blend	[REDACTED]	
High Cut	[REDACTED]	
Automated Loudness	[REDACTED]	
Anti-Theft Enable Status	[REDACTED]	
12/24 Time Selection	[REDACTED]	
Front Seat Video Playback	[REDACTED]	

Cabin EQ Curve Number Currently Used by Radio	[REDACTED]	events
Splash Screen	[REDACTED]	
USB Hubs Detected	[REDACTED]	No Unit
SD Card Readers Detected	[REDACTED]	No Unit
Enumerated USB Devices	[REDACTED]	No Unit
Aux Jack	[REDACTED]	
CMU Architecture	[REDACTED]	

ABSO CONFIGURATION

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

DASM CONFIGURATION

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

TBM2 CONFIGURATION

NAME	VALUE	UNITS
Enable Auto Answer	[REDACTED]	



WI
TECH 2.0

[illegible]

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
TCM						
ICS						
RFH						
ESM						
ORC						
EPS						
HVAC						
SCCM						
BCM						
RADIO						
OCM						
BPCM						
HCP						
DSM						
AHCP						
ABSO						
SGW						
DPDM						
DASM						
IDCM						
TBM2						

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
TCM			

PCM			
ESM			
HCP			
HCP			
TBM2			
TBM2			

ENVIRONMENTAL DATA SUMMARY

TCM |

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

PCM |

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

ESM |

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

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

HCP |

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
DTC Extended Data Record Number		
Occurrence flag		
Original Odometer Value		km
Most Recent Odometer Value		km
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		kPa
Engine Coolant Temperature		DegC
Engine Speed		rpm

Vehicle Speed		km/h
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		NM
Actual Torque - Motor B		NM
Available Motor Torque - Motor A		NM
Available Motor Torque - Motor B		NM
Available Regen Torque - Motor A		NM
Available Regen Torque - Motor B		NM
Commanded Torque - Motor A		NM
Commanded Torque - Motor B		NM
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
Motor A Temp Sensor		DegC
Motor B Temp Sensor		DegC
Outside Air Temperature		DegC
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		DegC
Inverter A IGBT Temperature for phase B		DegC
Inverter A IGBT Temperature for phase C		DegC

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

Inverter B IGBT Temperature for phase A		DegC
Inverter B IGBT Temperature for phase B		DegC
Inverter B IGBT Temperature for phase C		DegC
APM Status		
Impact Event		
PRND Position Display		
ECU System Shutdown Command		
PHEV Charging Status		
Distance Travelled with Light ON		km
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		
HV Battery Voltage		Volts
HV Battery Voltage fault status		
APM HV Voltage		Volts
APM HV Voltage fault status		
ECH HV Voltage		Volts
ECH HV Voltage fault status		
EAC HV Voltage		Volts
EAC HV Voltage fault status		
HV Battery Contactor Status FA		
DAP Contactor Open		
Air PTC Heater HV Voltage		Volts
Air PTC Heater HV Voltage Fault Status		
DBK Heater HV Voltage		Volts
DBK Heater HV Voltage Fault Status		
High Voltage Interlock Status		
Engine WarmUp Cycle Complete		
Charging System Status		
Charging Level		
High Voltage Contactor Control		
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

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

NAME	VALUE	UNITS
DTC		
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		km
Most Recent Odometer Value		km
Frequency 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		kPa
Engine Coolant Temperature		DegC
Engine Speed		rpm
Vehicle Speed		km/h
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		NM
Actual Torque - Motor B		NM
Available Motor Torque - Motor A		NM
Available Motor Torque - Motor B		NM
Available Regen Torque - Motor A		NM
Available Regen Torque - Motor B		NM
Commanded Torque - Motor A		NM
Commanded Torque - Motor B		NM

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

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 B		AMP
Motor B Inverter Current phase C		AMP
Motor A Resolver Angle		Degree
Motor B Resolver Angle		Degree
Motor A Temp Sensor		DegC
Motor B Temp Sensor		DegC
Outside Air Temperature		DegC
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		DegC
Inverter A IGBT Temperature for phase B		DegC
Inverter A IGBT Temperature for phase C		DegC
Inverter B IGBT Temperature for phase A		DegC
Inverter B IGBT Temperature for phase B		DegC
Inverter B IGBT Temperature for phase C		DegC
APM Status		
Impact Event		
PRND Position Display		
HCP System Shutdown Command		
PHEV Charging Status		
Distance Travelled with Light ON		
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		
HV Battery Voltage		Volts
HV Battery Voltage fault status		

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

APM HV Voltage		Volts
APM HV Voltage fault status		
ECH HV Voltage		Volts
ECH HV Voltage fault status		
EAC HV Voltage		Volts
EAC HV Voltage fault status		
Battery Contactor Status FA		
DAP Contactor Open		
Air PTC Heater HV Voltage		Volts
Air PTC Heater HV Voltage Fault Status		
DBK Heater HV Voltage		Volts
DBK Heater HV Voltage Fault Status		
High Voltage Interlock Status		
Engine WarmUp Cycle Complete		
Charging System Status		
Charging Level		
High Voltage Contactor Control		
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

TBM2

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		
DTC Extended Data Record Number All		
Frequency Counter		

No Environmental Data

SNAPSHOT DATA SUMMARY

No Snapshot Data available for

SessionID #

No Snapshot Data available for [REDACTED]

No Snapshot Data available for [REDACTED]

No Snapshot Data available for [REDACTED]

No Snapshot Data available for [REDACTED]

No Snapshot Data available for [REDACTED]

No Snapshot Data available for [REDACTED]

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