

ECU SUMMARY INFO

[illegible]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ICS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TPM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RFH	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ESM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DTCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ORC	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EPS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HVAC	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CSWM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AMP	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IPC	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PTS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RADIO	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
OCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
LBSS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RBSS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BPCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HCP	USA	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ABSO	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SGW	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

DPDM	■	■	■	■	
DASM	■	■	■	■	
IDCM	■	■	■	■	

CONFIGURATION**PCM CONFIGURATION**

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

PCM CONFIGURATION

NAME	VALUE	UNITS
Active Exhaust Pressure Sensor Equipped	■	
Secondary Mass Airflow Sensor Equipped	■	
Active Exhaust Valve(s) Equipped	■	
Electronic Parking Brake Equipped	■	
Aux Coolant Pump Heater Equipped	■	
Heater Temp Control Valve Equipped	■	
Wastegate HBridge Equipped	■	
Mechanical Coolant Pump Equipped	■	
High Side Port Tumble Valve Equipped	■	
Unleaded diesel fuel	■	
■	■	
Turbine Volute Valve Actuator Equipped	■	
62TE	■	
AC Equipped	■	
Auxiliary Coolant Pump Heater Equipped	■	
3.0 Liter V6 Engine	■	

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

5.7 Liter V8 Engine

O2 Sensor Bank 1 Sensor 1 Equipped

Engine Idle Shutoff Equipped

3.3 Liter V6 Engine

CUSW (11-Bit) Equipped

Compressed Natural Gas Equipped

Electric Thermostat Heater Equipped

Active Grille Shutter Equipped

2.4 Liter V4 engine

Exhaust Cam 2 Equipped

Buffered Crank Output for ANC (Active Noise Cancellation) Equipped

Electronic Coolant Pump Equipped

WI4 Intake Flow Control Valve Equipped

Cummins Equipped

TIP Equipped

66RFE / 68RFE

2 Speed Fan 3 Driver 3 Relay System Equipped

TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED

ICC Cruise Equipped

SRV Equipped

Operator Idle Speed Request Equipped

Throttle Inlet Temp Sensor Equipped

Mechanical Coolant Pump Heater Equipped

3.5 Liter V6 Engine

Electronic Vacuum Pump Equipped

Barometric Sensor Equipped

Fiat VIN Learning Strategy Equipped

GPEC4 Equipped

4.7 Liter V8 Engine

Intake Cam 1 Equipped

Shift Indicator Lamp Equipped

Oil Pressure Sensor Enabled

3.7 Liter V6 Engine

Clutch Interlock Switch Equipped

GPEC2 Equipped

O2 Sensor Bank 2 Sensor 2 Equipped

Linear PWM Fan Relay System Equipped

1.0 Liter I3 Engine

O2 Sensor Bank 1 Sensor 3 Equipped

EMAT (Getrag DCT transmission) Equipped

Active Exhaust Valve Equipped

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

Active Engine Mount Equipped			
High Side Port Tumble Valve Equipped			
3.6 Liter V6 Engine			
Electric Coolant Valve Equipped			
PWM Fan Motor System Equipped			
Brushless PWM Fan Equipped			
ACV H-Bridge Equipped			
Primary Lin Alternator Equipped			
2.7 Liter V6 Engine			
Variable Displacement AC Equipped			
Variable Speed Fuel Pump Equipped			
Starter Relay 2 Equipped			
ESIM Equipped			
3 Speed Fan Mechanical Relay System Equipped			
PTO System Equipped			
Secondary Air Equipped			
3.2 Liter V6 Engine			
VLP Is Learnable Indicator			
Port Flap Valve Equipped			
Wastegate H-Bridge Equipped			
Inrush Current Reduction Relay Equipped			
O2 Sensor Bank 1 Sensor 2 Equipped			
Adaptive Cruise Control Hardware Equipped			
Knock Sensor 1 Equipped			
2.0 Liter W14 engine			
Engine Oil Heater Cooler Equipped			
GPEC3 Equipped			
Intake Cam 2 Equipped			
ERS Equipped Indicator			
Rear Heater Equipped			
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY			
Auxiliary Heater Electric Water Pump Equipped			
Viscosity Sensor Equipped			
Tumble Generator Valve Equipped			
Dual Fuel Tank Equipped			
Brake Pedal Sensor Equipped			
Transmission Software Included			
4 Button Integrated Cruise Control			
ETC Cruise equipped			
Knock Sensor 2 Equipped			
Auxiliary Coolant Pump Equipped			
Transmission Oil Heater Equipped			
3.8 Liter V6 Engine			
Supercharger Equipped			

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

Turbocharger Equipped			
Vehicle Speed Sensor #1 Calculated from CAN			
Fiat 940 Compact Equipped			
Unleaded Gasoline Fuel			
HPT 6-Speed Transmission Equipped			
2 Speed Fan Mechanical Relay System Equipped			
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped			
1.8 Liter I4 engine			
6.1 Liter V8 Engine			
Fixed displacement AC Equipped			
Trans Reverse Lockout Equipped			
Vehicle Speed Sensor #1 Calculated by ECU			
Dual Fuel Pressure Sensor Equipped			
Dual Stage Oil Pump Equipped			
Active Exhaust Pressure Sensor Equipped			
MTV Solenoid Equipped			
Electronic Automatic Transmission (EATX) Equipped			
MDS Equipped			
Secondary Fuel Pump Equipped			
Wide Range O2 Sensor 2/1 Equipped			
Powernet Equipped			
Linear EGR Equipped			
Engine Stop Start Equipped			
ZF 9-Speed Transmission Equipped			
A/C Equipped			
Electric Water Pump Equipped			
Hybrid Electric Vehicle Equipped			
Battery Temp Sensor Equipped			
40TE / 41TE / 41TEA			
Dual Speed Fuel Pump Equipped			
Direct Injection Equipped			
45RFE / 545RFE / 65RFE			
Humidity, Temperature and Pressure Sensor (LIN) Equipped			
Duty Cycle Purge Valve Equipped			
6.2 Liter V8 Engine			
Electronic Throttle Control Equipped			
Engine Software In Package			
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped			
Low Temperature Radiator Coolant Pump Equipped			
Aisin 6-Speed RWD Transmission Equipped			
2 Speed Fan PWM Relay System Equipped			
Adaptive Cruise Control Equipped			
Power Steering Switch Equipped			

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

CUSW (29-Bit) Equipped

Continuous Variable Transmission Equipped

O2 Sensor Bank 2 Sensor 1 Equipped

Buffered Crank Output for PHEV Engine Pulse Calculation Equipped

CUSW PROXI Write Programming Support Enabled

Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped

Coolant On-Off Valve Equipped

[REDACTED]

VMM Equipped

Constant Heater Temperature Control Valve Equipped

Wide Range O2 Sensor 1/1 Equipped

Trans Skip Shift Equipped

[REDACTED]

GPEC2A Equipped

6.4 Liter V8 Engine

[REDACTED]

Exhaust Cam 1 Equipped

Coolant On-Off Pump Equipped

W14 Variable Valve Timing Equipped

AC Equipped Over Bus

Yaw Rate Sensor ESC Equipped

1 Speed Fan Mechanical Relay System Equipped

VFS Actuators Available Indicator

[REDACTED]

42RLE

Cooled EGR Equipped

Hybrid MEC Shifter Equipped

Auxillary Coolant Pump Equipped

Dual Fuel Tank Equipped

Dual Alternator Gen1 Capable

Cooled EGR Equipped

ZF 9-Speed Trans Equipped

CNG Large Gas Tank Equipped

PTO System Equipped

Engine Idle Shutoff Equipped

HPT 6-Speed Trans Equipped

[REDACTED]

A/C Relay Powered from Engine Switched Battery

Supercharger Equipped

Clutch Sensor Equipped

5 Button Cruise (LIN) Equipped

CUSW 4-Button Cruise Equipped

LIN Humidity, Temp, and Pressure Sensor Equipped

INTAKE O2 SENSOR EQUIPPED

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

SWAP HARDWIRED BRAKE SWITCH INPUTS

Bi-Directional Crank Sensor Equipped		
Throttle Inlet Temp Sensor Equipped		
Brake Pedal Sensor Equipped		
Power Steering Angle Sensor Mandatory		
Operator Idle Speed Request Equipped		
Oil Fuel Pressure Sensor Equipped		
Cylinder Pressure Sensor Equipped		
Mass Airflow System Equipped		
Make Up Air Sensor Equipped		
Remote Start Present		
1.0 Liter I3 Engine		
2.0 Liter I4 Direct Injection Engine		
Primary Lin Alternator Equipped		
Coolant On-Off Pump Equipped		
Variable Valve Lift Equipped		
Engine Oil Pressure Sensor Type		None

ICS CONFIGURATION

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

TPM CONFIGURATION

NAME	VALUE	UNITS
RSSI Margin 4 Wheel Constant B		No Unit
RSSI Margin 4 Wheel Constant C		No Unit
RSSI Margin 4 Wheel Constant D		No Unit
RSSI Margin 4 Wheel Constant A		
High Gain Mode Setting		
WAL Gain Mode Setting		
Gain Mode Override Status		
Premium TPM Present		
Base TPM Present		
Run Flat Tire Present		
SRT Vehicle Present		
Current Gain Mode		
BUX Deactivation Flag		
TPM System Type		
4/5 Tire System		

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

RFH CONFIGURATION

NAME	VALUE	UNITS
Back Up Vehicle Config 4		
Back Up ECU Configuration 6		
Back Up ECU Configuration 5		
Back Up ECU Configuration 8		
Back Up Vehicle Config 1		
Back Up ECU Configuration 4		
Back Up ECU Configuration 9		
Back Up Customer Settings Menu 2 (CSM2)		
Back Up Vehicle Config 7		
Back Up ECU Configuration 3		
Back Up Customer Settings Menu 1 (CSM1)		
Back Up ECU Configuration 13		
Back Up Vehicle Config 3		
Back Up ECU Configuration 1		
Back Up ECU Configuration 10		
Back Up ECU Configuration 15		
Back Up ECU Configuration 17		
Back Up ECU Configuration 7		
Back Up Programmed ECUs: Cabin Network		
Back Up Vehicle Config 6		
Back Up ECU Configuration 16		
Back Up Vehicle Config 5		
Back Up ECU Configuration 2		
Back Up ECU Configuration 14		
Back Up ECU Configuration 11		
Back Up Vehicle Config 2		
Back Up ECU Configuration 12		
Hardware Configuration: Remote Start Antenna		
Hardware Configuration: Front Right Door Handle H/W		
Hardware Configuration: Rear Right Door Handle H/W		
Hardware Configuration: Rear Left Door Handle H/W		
Hardware Configuration: Front Left Door Handle H/W		
Hardware Configuration: Trunk Door Handle H/W		
Module Configuration Status		
Auto Park Present		
Remote Start Present		
Secret Codes Programmed		
e-shifter present		
RKE		
Ignition system type connected		

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

Keyless Go		
Passive Entry		
RFHub Locked		
Fob Location #2 Successfully Programmed		
Fob Location #8 Successfully Programmed		
VIN Successfully Programmed		
Fob Location #7 Successfully Programmed		
Secret Key Sent to Body Controller - Most recent attempt		
Fob Location #1 Successfully Programmed		
Fob Location #6 Successfully Programmed		
PIN Successfully Programmed		
Secret Key Sent to Body Controller - Original attempt		
Fob Location #4 Successfully Programmed		
Fob Location #3 Successfully Programmed		

DTCM CONFIGURATION

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

ORC CONFIGURATION

NAME	VALUE	UNITS
Right Curtain Squib 1		
Driver Seatbelt Retractor Pretensioner		
Passenger Seatbelt Anchor Pretensioner		
Driver Frontal Squib 2		
Left B-Pillar Impact Acceleration Sensor		
Right Side Door Pressure Sensor		
First Row Driver Seatbelt Buckle Switch		
First Row Passenger Seatbelt Buckle Switch		
Right B-Pillar Impact Acceleration Sensor		
Passenger Seatbelt Load Limiter		
Configuration Column Identifier		
Passenger Frontal Squib 3		

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

Second Row Left Seat Side Airbag		
Passenger Seat Track Position Sensor		
Passenger Frontal Squib 2		
EPDM		
Passenger Seatbelt Buckle Pretensioner		
Right Side Seat Squib 1		
Driver Seat Track Position Sensor		
Passenger Airbag Disable Indicator		
Driver Frontal Squib 2		
Left Curtain Squib 1		
Driver Seatbelt Anchor Pretensioner		
Second Row Right seat belt Switch		
Right C-Pillar Impact Acceleration Sensor		
Driver Frontal Squib 3		
Passenger Airbag Disable Switch		
Occupant Classification (OCM)		
Left Side Door Pressure Sensor		
Second Row Left seat belt Switch		
Driver Seatbelt Buckle Pretensioner		
Passenger Knee Bolster Squib		
Passenger Frontal Squib 4		
Left Up-Front Acceleration Sensor		
Driver Knee Bolster Squib		
Rollover Sensing		
Passenger Occupant Detection Sensor		
Driver Seatbelt Load Limiter		
Left C-Pillar Impact Acceleration Sensor		
Left Side Seat Squib 1		

HVAC CONFIGURATION

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

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

MTC With EBL (3Knob)

AMP CONFIGURATION

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

IPC CONFIGURATION

NAME	VALUE	UNITS
Main Fuel Tank Gauge - 3/4 Datum Calibration		Volts
Main Fuel Tank Gauge - 1/4th Datum Calibration		Volts
Main Fuel Tank Gauge - 1/2 Datum Calibration		Volts
Main Fuel Tank Gauge - Empty Stop Calibration		Volts
Main Fuel Tank Gauge - Full Stop Calibration		Volts
Sub Fuel Tank Gauge - 1/2 Datum Calibration		Volts
Sub Fuel Tank Gauge - 1/4 Datum Calibration		
		Volts
Sub Fuel Tank Gauge - Full Stop Calibration		Volts
Sub Fuel Tank Gauge - Empty Stop Calibration		Volts
PHEV		
Rear Fog Lamp		
JT Vehicle		
Low Line Cluster		

PTS CONFIGURATION

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

SCCM CONFIGURATION

NAME	VALUE	UNITS
Rear Wiper	True	

Paddle Shifter		
Cruise Control / ACC		
Tilt Telescope		

BCM CONFIGURATION

NAME	VALUE	UNITS
Number of Reprogramming Attempts - Counter #0		
Vehicle Configuration Programmed Status		
Last Programmed Status		
Vehicle Configuration Auto Write Counter		
ECU Configuration 9 (Powertrain)		
Vehicle Configuration 6 - Write Counter		
ECU Configuration 1 (CBC Configurable Inputs and Outputs)		
Vehicle Config CSM2		
Last Configuration Odometer		miles
Vehicle Configuration 1 - Write Counter		
ECU Configuration 5 (Memory)		
Programmed ECUs: Hybrid LAN Network		
ECU Configuration 2 (CBC Features)		
ECU Configuration 11		
ECU Configuration 4		
Programmed Network Configuration - Audio / Telematics Network		
ECU Configuration 12		
Vehicle Configuration 7 - Write Counter		
ECU Configuration 7 (CBC Exterior Lighting Calibrations)		
ECU Configuration 15 (Suspension)		
ECU Configuration 8 (LIN and Miscellaneous)		
ECU Configuration 9 (ITM)		
ECU Configuration 5 (Doors)		
ECU Configuration 10		
ECU Configuration 15 (CBC Features)		
ECU Configuration 6 (Suspension)		
ECU Configuration 5 (Wireless)		
ECU Configuration 9A		
Vehicle Configuration 2 - Write Counter		
Vehicle Configuration 5 - Write Counter		
ECU Configuration 3		
ECU Configuration 13		
ECU Configuration 14		
ECU Configuration 6 (Safety)		
Vehicle Configuration 4 - Write Counter		
Vehicle Config CSM1		

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

ECU Configuration 6 (Brake)		
Programmed ECUs: Cabin Network		
Left/Right Hand Drive		
Vehicle Line		
Drive Configuration		
Model Year		
Maximum Vehicle Speed		MPH
Select Speed Control Feature Present		
Emode Present		
Shifter Type		
Country Code		
Performance Pages Present		
Body Style		
Auto Highbeam		
Hill Descent Feature Present		
Special Packages		
Remote Start Present		
PTS Configuration		
Light Load Inflation Pressure Rear Tire		PSI
SKIM System Present		
Air Conditioning Present		
Flipper Glass Present		
Thatcham Present		
Off Road Capable		
Max Load Inflation Pressure Rear Tire		PSI
Full Size Spare		
Cruise Feature is Present		
Power Inverter Type		
Special Packages		
Max Load Inflation Pressure Front Tire		PSI
Rain Sensor Present		
Sunshade Present		
Auto Park Present		
Police Lighting Feature		
Passive Entry Present		
Secondary Lock Present		
ESCL system present		
HVAC Configuration		
RKE System Present		
Keyless Go Present		
FOBIK Safe Enable		
Sport Mode Present		
ELV Present		
Liftgate/Trunk Type		

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

Power Right Sliding Door Present		
Display Compass Heading Present		
Interior EC Mirror Present		
Premium TPM system present		
Window Express Feature Configuration		
Chassis Type		
Power Lift Gate Present		
Vehicle is an SRT		
T-Case Type		
Vehicle Brand		
Auto Headlamp Feature Present		
High Intensity Discharge Head Lamps		
Disable Display of Radio Clock		
Door Alert Feature Present		
Adjustable Pedal Feature Present (non-Memory)		
Paddle Shift Feature Present		
Two Fuel Sending Units Present		
Power Left Sliding Door Present		
Display Outside Temperature Present		
Base TPM system present		
Fuel Capacity		gallons
Wheel Base		
Forward Collision Warning present		
Collision Mitigation System present		
Transfer Case Low Range Reduction Ratio		
Transfer Case High Ratio		
Dynamic Tire Circumference (All or Rear)		inch
Steering Ratio at Positive Angle 3		No Unit
Steering Ratio at zero		No Unit
Steering Ratio at Positive Angle 2		No Unit
Steering Ratio at Positive Angle 1		No Unit
Steering Ratio at Positive Angle 4		No Unit
Non-Regulated Tire Pressure Information System (TPIS) Present		
Steering Ratio at Positive Angle 5		No Unit
Dual Rear Wheel (DRW) Vehicle Present		
Steering Ratio at Negative Angle 3		No Unit
Steering Ratio at Negative Angle 1		No Unit
Air Quality System Present		
Steering Ratio at Negative Angle 5		No Unit
Analog Door Sensor Configuration		
Steering Ratio at Negative Angle 2		No Unit
Steering Ratio at Negative Angle 4		No Unit
VTA Warning LED Output Present - Pin G22		

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

Reserved - Pin E35		
Inverter Enable Relay Output Present - Pin F35		
Park Brake Input Present - Pin E11		
Hood Ajar Switch Input Present - Pin A11		
Ambient Light Dimmer Wheel Input Present Pin G9		
UGB Feed Output Present - Pin G15		
Left Rear Door Ajar Input Present - Pin F23		
Flipper Glass #2 Output Present		
Hard Top Sense Present - Pin E14		
Rear Fog Lamps Output Present - Pin E39 & F5		
Rear Wiper Motor Park Present - Pin E29		
Front Driver Analog Door Ajar Input Present - Pin F9		
Foot Well Lamps Output Present - Pin G24		
Reserved - F21		
Ambient Temperature Sensor Present - Pin A22		
Diesel Cabin Heater #3 Output Present - Pin D10		
Reserved - Pin E15		
Reserved - Pin G12		
Side Markers Output Present - Pin A10 & D5		
Passenger Door Ajar Signal Present - Pin G18		
Run-ACC Y Relay #2 Output Present - Pin E9		
Low Beam Output Present - Pin A3, D2		
Diesel Cabin Heater #1 Output Present - Pin D11		
Starter Relay Lowside Coil Drive - Pin D7		
Reserved - Pin F4		
Left Dedicated DRL Lamps Output Present - Pin D15		
Diesel Cabin Heater #2 Output Present - Pin D9		
Horn Switch Input Present - Pin F29		
Gated Park ZFII Output Present - Pin D-24		
Reserved - Pin E21		
Reserved - Pin E47		
Rear Turn Lamps Output Present - Pin E3 & F42		
Trailer Backup Lamps Output Present - Pin E23		
Rear Park Lamps Output Present - Pin E4 & F32		
LED Rear Fog Lamps Present		
Door Lock Switch Signal FT LT Usage (F9)		
LED Dedicated DRL Present		
LED High Beam Lamps Present		
Door Lock Switch Signal FT RT Usage (F23)		
Military Vehicle Present		

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Headlamp Wash Interval		
LED Front Turn Lamps Present		
Tunnel Detection		
LED Front Park/Marker Lamps Present		
Bi Xenon Headlamps Enable		
Headlamp Washer Low Fluid Shut-Off Enable		
Head Headlamps Enable		
DRL Configuration		
Front Fog Lamp Dropout Enable		
One Touch Lane Change		
Intermittent Wiper States		
Headlamp Wash Shot		
Hazard Lamp Configuration		
DRL Dropout Enable		
Dual Start Relay System Present		
LED Reverse Lamps Present		
Exterior Light Loadshed Enable		
Rear Wiper Park Enable		
LED Rear Turn Lamps Present		
LED Low Beam Lamps Present		
Single Element Tail Lamp		
LED License Lamps Present		
Park Lamp Loadshed Enable		
LED Stop Lamps Present		
LED Front Fog Lamps Present		
Trailer Tow Present		
LED CHMSL Lamp Present		
Reversible Washer Pump Enable		
LED Tail Lamps Present		
Front Wiper Wipes After Wash		
Horn Chirp Allowed		
DRL Lamp Location		
Side Repeaters Enable		
Tip Start Enabled		
Combined Rear Lighting Enable		
Front Wiper Park Enable		
Wiper Service Position Enabled		
Front Heated Seats Present		
CTP Passive Entry Present		
Splashscreen Type		
SDAR Travel Link Present		
Power Inverter Present		
Microphone Configuration		
DTV Side Camera Present		

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

Cabin Equilization Curve Number

Hill Descent Control Present

VIN Check Digit Diabie

Rear Camera Present

Tow Haul Present

Radio Apps Present

Power Door Locks Present

Destination

Microphone Type

Antenna Type

Surround Sound Feature Present

Radio Display On/Off Softkey Present

CTP Max AC Present

Microphone Tuning Parameter

Front Ventilated Seats Present

External Port Type

Vehicle Theft Alarm Present

CTP Auto Lock Disable

Hill Start Assist Customer Setting Option Present

Hybrid Electric Powertrain Present

CTP Easy Entry Enable

Disable CD Eject

Heated Steering Wheel Present

DAB Present

Front Park Assist Present

DTV Front Camera Present

Gear Shift Indicator

Speedometer Range Max Scale

IC Config Feature

Manual Headlamp Leveling

Max Gear

Type of Gallons

PTO Present

Rear Wheel Dually

AMB Dimmer

Heated Seat Present

Split Shaft Present

Virtual Speedometer Units

ERS Available

Service Interval

Temperature Celsius for UK

AP3 Left Rear

AP4 Right Rear

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

Tip Start Present	[REDACTED]	
AP2 Right Front	[REDACTED]	
AP1 Left Front	[REDACTED]	
AP5 Trunk Lock	[REDACTED]	
Airport Scenario Trunk Set	[REDACTED]	
Mirror turn signals present	[REDACTED]	
Power Memory Mirrors Present	[REDACTED]	
Puddle Lamp Present	[REDACTED]	
Electro-chromatic driver mirror present	[REDACTED]	
Passenger Window Lockout	[REDACTED]	
Global Down	[REDACTED]	
Frameless Window Present	[REDACTED]	
Electro-chromatic passenger mirror present	[REDACTED]	
Sun Shade	[REDACTED]	
Auto Power Folding Mirrors Present	[REDACTED]	
Heated Mirrors Present	[REDACTED]	
Window Motor Type	[REDACTED]	
Global Up	[REDACTED]	
Rear Door Pre Short Drop	[REDACTED]	
Passenger Memory Mirror Present	[REDACTED]	
[REDACTED]	[REDACTED]	
Blindspot Mirror Present	[REDACTED]	
Tow Mirror Present	[REDACTED]	
Folding mirrors present	[REDACTED]	
Memory Adjustable Pedals Present	[REDACTED]	
Rear Heated Seats Present	[REDACTED]	
Heated Steering Wheel Present	[REDACTED]	
Heated Seat Material Type	[REDACTED]	
Front Heated Seat Present	[REDACTED]	
Tilt/Telescope Steering Present	[REDACTED]	
Memory Seat Present	[REDACTED]	
Rear Vented Seats Present	[REDACTED]	
Heated Wheel Material Type	[REDACTED]	
Front Vented Seats Present	[REDACTED]	
Brake System ECU Configuration B	[REDACTED]	
Wheel 18 inch overall ESC Maserati	[REDACTED]	
Brake System ECU Configuration A	[REDACTED]	
ECO Mode Configuration	[REDACTED]	
Dual Alternator Present	[REDACTED]	
CHMSL Lamp Output Disable	[REDACTED]	
Front Fog Voltage	[REDACTED]	Volts
Swing Gate Unlock Present - Pin F33	[REDACTED]	
Secondary Door Ajar Present - Pin E28	[REDACTED]	
Manual Door Locks Present	[REDACTED]	

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

Swing Gate Lock Present - Pin F30		
Auto High Beam Module Location		
Rain Sensor Module #2 Present		
Rear Fog Voltage		
Brake Smoothing Threshold		
Maximum Lateral Change		
Steering Smoothing Factor		
Nose Dive Factor		
Excess Longitudinal Acceleration Factor		
Excess Lateral Acceleration Factor		
Steering Smoothing Duration		
Acceleration Threshold		
Maximum Longitudinal Change		
Brake Smoothing Duration		
Acceleration Factor		
Steering Smoothing Threshold		
Nose Dive Threshold		
Average Last Lateral Acceleration Values		
Average Last Longitudinal Acceleration Values		
PE Auto-Relock Feature Enable		
Interior Lighting Day Threshold		Volt
Pitch and Roll Present		
Interior Lighting Night Threshold		Volt
RKE Auto-Relock Feature Enable		
VTA Hood Ajar Monitoring		
ASBM Minimum Voltage Time		
Horn Chirp Duration		
ASBM Battery Minimum Voltage		
AGS Feature Present		
Brake Type		
Suspension Type		
Axle Locker Configuration		
Glovebox Control		
Hybrid Type		
TPMS Configuration		
Temperature Display Resolution		
Transmission Equipped		
TSBM Module Present		
Glare Free Present		
ADR feature Present		
PTC Present		

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

Air suspension warning customer settings menu

Compass variance customer settings menu

Performance shift enable customer settings menu

Park assist front volume customer settings menu

Distance unit customer settings menu

Forward collision warning customer settings menu

Lane departure torque customer settings menu

Ambient trimmer customer settings menu

Tire jack mode customer settings menu

Power liftgate chime customer settings menu

Rain sensitive wipers customer settings menu

Auto entry exit mode customer settings menu

Pressure unit customer settings menu

Clock display customer settings menu

Unit set customer settings menu

Power accessory delay customer settings menu

Blind spot alert customer settings menu

Auto high beam customer settings menu

Park assist brake customer settings menu

EPB service mode customer settings menu

Power take off customer settings menu

Rear view camera gridlines customer settings menu

Rear camera customer settings menu

Headlamps on with wiper customer settings menu

Illuminated approach customer settings menu

Headlamp drop customer settings menu

Power unit customer settings menu

Auto on driver comfort customer settings menu

Lane departure warning customer settings menu

Headlamp off delay customer settings menu

Auxiliary switches customer settings menu

Passive entry customer settings menu

Automatic aero mode customer settings menu

Auto door lock customer settings menu

Consumption unit customer settings menu

Electric power steering customer settings menu

Easy exit seat customer settings menu

Compass calibration customer settings menu

Park assist rear volume customer settings menu

Teen Key Fuel Pop-up Customer Settings Menu

Tilt mirror in reverse customer settings menu

RKE unlock customer settings menu

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

Teen Key Automatic High Beam Customer Settings Menu		
Speed unit customer settings menu		
Doors and Engine Off Power Delay Customer Settings Menu		
Forward Collision Warning and Brake Customer Settings Menu		
Passenger Airbag On/Off Customer Settings Menu		
Torque unit customer settings menu		
Rear view camera delay customer settings menu		
Rear Defrost and Heated Mirrors Present		
Tri-State Comfort Climate Softkey Function Present		
Clari-Fi Present		
Trailer Hitch Camera Present		
DTV Present		
Auto Dimming Mirror Hard Button Present		
Drive Mode Version		
Surround View Camera On/Off Softkey Present		
Radio Speaker Open Circuit Disable (RR)		
Show Phone Information in Cluster		
Radio Speaker Open Circuit Disable (RF)		
Radio Speaker Open Circuit Disable (LR)		
ANC Calibration Parameter Data Set		ms
Radio Speaker Open Circuit Disable (LF)		
Automatic Crash Notification Feature Present		
Park Assist Tuning Set		
Siren		
Tilt		
Ultrasonics		
2nd Row Seat Airbags Present		
Reserved		
Integrated EPP Present		
Reserved		
Passenger Kneebag Present		
Curtain Airbags Present		
BUX vehicle		
Tow Hooks Present		
Passive Ped Pro Present		
Driver Kneebag Present		
ODS Present		
Engine Displacement		
Heated Mirrors Present		
Rear Defrost Presence		
RFH		
BCM (PT)		
TCM		
OCM		

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

ESM		
ASBS		
AHLM/AFLS		
DTCM		
ORC		
EPS		
APM		
ABS		
PCM		
DPDM		
TPM		
AFLS		
ITBM		
PTS		
ASCM		
ELSD		
SGW		
IPC		
Tachometer Type		
Increasing speed constant		
Steering C Factor		
Radio		
HVAC_R		
TBM		
LBSM		
BCM (Interior Bus)		
EDM		
AMP		
ITM		
RBSM		
HSM		
HVAC		
PTCM		
Backup Reverse Lamp Left Present - Pin F41		
Backup Reverse Lamp Right Present - Pin E1		
Signature Lamps or Mirror Repeater Present - Pin A5 & Pin A7		
Right Front Lamp Diagnostics Present - Pin F28		
Left High Beam Present - Pin D1		
Stop/Turn Lamp or Stop Lamp Present Pin E2 & F40		
Right Rear Turn Lamp Diagnostics Present - Pin F31		
Brake Fluid Level Switch Signal Present - Pin D21		

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

Left Front Lamp Diagnostics Present - Pin F25

Humidity Sensor Present

Panic Enable

DC to DC Converter #2 Present

Illuminated Approach Interior Lighting Ramp Up Time

Compass Mounting Orientation

IBS Present

EVIC Switch Module Present

Washer Fluid Level Voltage Threshold Degree

Illuminated Approach Taillamp Target Percentage

Manual Trans Present

Auto Relock Time seconds

Illuminated Approach Headlamp Target Percentage

Illuminated Approach Interior Lighting Target Percentage

DC to DC Converter Present

ASBM Present

CRVMM Present

VTA System Present

ASBMM Present

Dual Filament Headlamp

Left High Beam Voltage Regulation

Left Rear Corner Voltage

Right Low Beam Voltage Regulation

Left Low Beam Voltage Regulation

Volt

Left Front Corner Voltage

Signature Light Present

Right Front Corner Voltage

Right Rear Corner Voltage

Auto Headlamp Off Threshold

Front Turn Lamp Diagnostics

Right High Beam Voltage Regulation

RADIO CONFIGURATION

NAME	VALUE	UNITS
Compass on the bus messaging Authorization		
GPS on the Bus messaging Authorization		
Satellite Subscription Suspend Day		
Satellite Subscription Reason Code		
Satellite Subscription Suspend Year		
Satellite Subscription Suspend Month		
Satellite Subscription Status		

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

Satellite Subscription ID		
Aux Jack		
USB Hubs Detected		No Unit
SD Card Readers Detected		No Unit
Enumerated USB Devices		No Unit
DTV Short Term Configuration	-	
Play Button		
SDA		
Internal CD Player		
Application Framework		
Bluetooth		
Navigation Active		
FM Diversity		
Cellular		
Wi-Fi		
Splash Screen		
Anti-Theft Enable Status		
Automated Loudness		
Front Seat Video Playback		
Clock Defeat		
Cabin EQ Curve Number Currently Used by Radio		
12/24 Time Selection		

LBSS CONFIGURATION

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

RBSS CONFIGURATION

NAME	VALUE	UNITS
Teen Key		
Steering (LHD/RHD)		

ABSO CONFIGURATION

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

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

DASM CONFIGURATION

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

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


WI
TECH 2.0

FREEZE FRAME REPORT

FREEZE FRAME DATA

Carb
CODE: P2172 | ECU: PCM

NAME	VALUE	UNITS
Brake Switch Pressed		
Ignition Run/Start Switch		
Fuel Level Percent		%
Spark Advance		
Closed Loop - Bank 1		
Turbo PRatio		PRatio
Commanded EGR Duty Cycle		%
Short Term Fuel Trim - Bank 1		%
Fuel Type Being Used		
		Pa
Turbo Boost Timer		ms
Calculated MAP		PSI
Actual Torque		Ft-Lbs
EGR Error		
Freeze Frame DTC Priority		
Brake Switch 2		
Freeze Frame Caused by DTC		
Ethanol Fine Tune Complete Prev		
Commanded Equivalence Ratio		
Catalyst Temp		°F
Turbo Torque Count		Counts
Intake Air Charge Temp		°F
TPS 1 Voltage		Volts
Control Module Volts		V
Throttle Inlet Pressure		PSI

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

Freeze Frame MAP Vacuum		in Hg
Mass Airflow Rate		g/s
Turbo Airport Mass Flow		g/s
Closed Loop with DTC - Bank 1		
Barometric Pressure		PSI
Throttle Flow Multiplicative Adaptive		Mult
ETC Motor Duty Cycle		
		%
Low Ethanol Therm Mgmnt Flag		
Ambient Air Temperature		°F
Commanded Throttle Actuator Control		%
Throttle Outlet Temp		°F
MAP Voltage		Volts
Current Adaptive Cell ID		
H-Bridge Circuit		
AC Clutch		
Long Term Fuel Trim - Bank 1		%
Ethanol Gas For Sure		
		°F
Potential Torque		Ft-Lbs
ETC Motor Directional Duty Cycle		%DC
Vehicle Speed		
		%
Freeze Frame Engine Coolant Temp		°F
Fuel Rail Pressure		PSI
Purge Duty Cycle		%
PCM Odometer		miles
Relative Throttle Position		%
Battery Voltage		Volts
Air Charge Temp - Bank 2		°F
AC Switch		
APP 1 Voltage		
APP Pedal Percent		%
Engine Load		%
Time Since Run / Start		seconds
Ethanol Trigger On Fuel Vol Fault		
Cooled EGR Temp		deg C/s
PCM Mileage Since MIL On		miles
Purge Solenoid Current		mA
Phi Adaption Value		Mult
APP 2 Voltage		Volts
TPS 2 Voltage		
		rpm

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

Throttle Flow Adaptive

-2.457

g/s

Freeze Frame #1

NAME	VALUE	UNITS
Short Term Fuel Trim - Bank 1		%
Fuel Type Being Used	Gasoline	
Vehicles Speed		MPH
ETC Motor Duty Cycle		%DC
Spark Advance		degrees
TPS 2 Voltage		Volts
EGR Error		%
ETC Motor Directional Duty Cycle		%DC
PCM Mileage Since MIL On		miles
Throttle Inlet Pressure		PSI
Engine Coolant Temperature		°F
Air Charge Temp - Bank 2		°F
Mass Airflow Rate	0.00	g/s
Absolute Load Value		%
Air Charge Temp - Bank 1		°F
Fuel Tank Pressure		Pa
H-Bridge Circuit		
Actual Torque		Ft-Lbs
Intermediate MAP		PSI
Current Adaptive Cell ID		
Intake Air Charge Temp		°F
Calculated MAP		PSI
Turbo Torque Count	0	Counts
Brake Switch Pressed		
TPS 1 Voltage		Volts
Potential Torque		Ft-Lbs
APP Pedal Percent	0.00	%
AC Clutch		
Low Ethanol PWR Enrich Flag		
Catalyst Temp		°F
Engine Load		%
Vacuum		in Hg
Phi Adaption Value		Mult
Ethanol Fine Tune Complete Prev		
Low Ethanol Therm Mgmnt Flag		
Fuel Rail Pressure		kPa
Barometric Pressure		PSI
Purge Solenoid Current	0.000	mA
APP 2 Voltage		Volts

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

Freeze Frame DTC Priority		
Brake Switch 2		
APP 1 Voltage		Volts
Cooled EGR Temp		deg C/s
Commanded Equivalence Ratio		
MAP		PSI
Turbo Boost Timer	0.00	ms
Brake Switch 1		
Closed Loop with DTC - Bank 1		
Ignition Run/Start Switch		
Freeze Frame Caused by DTC		
Fuel Rail Pressure	0	PSI
Ambient Air Temperature		°F
Engine RPM		rpm
Time Since Run / Start		seconds
AC Switch		
Throttle Flow Multiplicative Adaptive		Mult
Alcohol Fuel Percent		%
Commanded EGR Duty Cycle		%
Relative Throttle Position		%
Ethanol Gas For Sure		
Long Term Fuel Trim - Bank 1		%
Throttle Outlet Temp		°F
Battery Voltage		Volts
Turbo Airport Mass Flow		g/s
Long Term Fuel Trim - Bank 2		
		Volts
Turbo PRatio		PRatio
Ethanol Trigger On Fuel Vol Fault		
MAP Voltage		Volts
MAP - Bank 1		PSI
Closed Loop - Bank 1		
Commanded Throttle Actuator Control		%
Throttle Outlet Pressure		PSI
PCM Odometer		miles
Fuel Level Percent		%
Purge Duty Cycle	0.0	%
Throttle Flow Adaptive		g/s
MAP - Bank 2		PSI

Freeze Frame #2

CODE: [REDACTED]

NAME	VALUE	UNITS
Potential Torque	[REDACTED]	Ft-Lbs

Brake Switch 1		
Calculated MAP		PSI
Low Ethanol Therm Mgmnt Flag		
Purge Duty Cycle		%
Intake Air Charge Temp		°F
Fuel Rail Pressure	0	PSI
Turbo Airport Mass Flow		g/s
Current Adaptive Cell ID		
Mass Air Flow Rate	0.00	g/s
APP Pedal Percent		%
MAP		PSI
Cooled EGR Temp		deg C/s
Relative Throttle Position		%
Vacuum		in Hg
H-Bridge Circuit	Not enable	
Fuel Rail Pressure		kPa
Ambient Air Temperature		°F
Intermediate MAP		
		Volts
Control Module Volts		Volts
Engine Coolant Temperature		°F
APP 2 Voltage		Volts
ETC Motor Duty Cycle	0.0	%DC
Engine Load		%
Turbo Boost Timer	0.00	ms
Time Since Run / Start		seconds
Battery Voltage		Volts
Vehicle Speed		MPH
Catalyst Temp		°F
Throttle Outlet Pressure		
		PSI
Air Charge Temp - Bank 2		°F
Commanded Equivalence Ratio		
Throttle Outlet Temp		°F
ETC Motor Directional Duty Cycle	0.0	%DC
TPS 2 Voltage		Volts
Ethanol Gas For Sure	No	
Engine RPM		rpm
MAP - Bank 1		PSI
Fuel Tank Pressure		Pa
Fuel Level Percent		%
AC Switch		
Actual Torque		Ft-Lbs
AC Clutch		

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

EGR Error	-0.0	%
Throttle Flow Multiplicative Adaptive		Mult
Spark Advance		degrees
APP 1 Voltage		Volts
TPS 1 Voltage		Volts
PCM Odometer		miles
Alcohol Fuel Percent		%
Fuel Type Being Used		
Commanded EGR Duty Cycle	0.00	%
Purge Solenoid Current	0.000	mA
Freeze Frame Caused by DTC		
Low Ethanol PWR Enrich Flag		
Ethanol Fine Tune Complete Prev		
MAP - Bank 2		PSI
Long Term Fuel Trim - Bank 1		%
Turbo PRatio		PRatio
Barometric Pressure		PSI
Closed Loop with DTC - Bank 1		
Brake Switch Pressed		
Freeze Frame DTC Priority		
Turbo Torque Count	0	Counts
Phi Adaption Value		Mult
PCM Mileage Since MIL On	0.0000	miles
Short Term Fuel Trim - Bank 1		%
Brake Switch 2		
Closed Loop - Bank 1		
Commanded Throttle Actuator Control		%
Absolute Load Value		%
Throttle Flow Adaptive		g/s
Ethanol Trigger On Fuel Vol Fault		
Air Charge Temp - Bank 1		°F
Ignition Run/Start Switch		

Freeze Frame #3

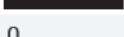
CODE: [REDACTED]

NAME	VALUE	UNITS
Commanded Equivalence Ratio		
Air Charge Temp - Bank 2		°F
Mass Airflow Rate	0.00	g/s
Purge Solenoid Current	0.000	mA
Fuel Rail Pressure		kPa
MAP Voltage		Volts
Low Ethanol PWR Enrich Flag		
ETC Motor Directional Duty Cycle	0.0	%DC

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

AC Switch		
Ethanol Fine Tune Complete Prev		
Freeze Frame Caused by DTC		
Brake Switch 2		
Time Since Run / Start	0	seconds
Catalyst Temp		°F
TPS 1 Voltage		Volts
MAP		PSI
Cooled EGR Temp		deg C/s
Air Charge Temp - Bank 1		°F
Engine RPM		rpm
TPS 2 Voltage		Volts
APP 1 Voltage		Volts
Potential Torque		Ft-Lbs
Calculated MAP		PSI
Phi Adaption Value		Mult
Short Term Fuel Trim - Bank 1		%
Turbo PRatio		PRatio
Long Term Fuel Trim - Bank 1		%
Control Module Volts		Volts
Closed Loop - Bank 1		
Relative Throttle Position		%
Low Ethanol Therm Mgmnt Flag		
Vehicle Speed	0	MPH
PCM Odometer		miles
ETC Motor Duty Cycle	0.0	%DC
Vacuum		in Hg
Current Adaptive Cell ID		
EGR Error		%
AC Clutch		
Purge Duty Cycle	0.0	%
Fuel Type Being Used		
Absolute Load Value		%
Throttle Flow Adaptive		g/s
MAP - Bank 1		PSI
Actual Torque		Ft-Lbs
Closed Loop with DTC - Bank 1		
Engine Load		%
Brake Switch Pressed		
Spark Advance		degrees
Throttle Flow Multiplicative Adaptive		Mult
Throttle Outlet Temp		°F
PCM Mileage Since MIL On	0.0000	miles
APP 2 Voltage		Volts

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

Barometric Pressure		PSI
Turbo Torque Count	0	Counts
Ignition Run/Start Switch		
Ambient Air Temperature		°F
APP Pedal Percent	0.00	%
Turbo Boost Timer	0.00	ms
MAP - Bank 2		PSI
Turbo Airport Mass Flow		g/s
Intermediate MAP		PSI
Ethanol Gas For Sure		
Battery Voltage		Volts
Engine Coolant Temperature		°F
Throttle Inlet Pressure		PSI
Freeze Frame DTC Priority		
Ethanol Trigger On Fuel Vol Fault		
Commanded Throttle Actuator Control		%
H-Bridge Circuit		
Fuel Rail Pressure	0	PSI
Fuel Tank Pressure		Pa
Fuel Level Percent		%
Alcohol Fuel Percent	0.00	%
Commanded EGR Duty Cycle	0.00	%
Throttle Outlet Pressure		PSI
Brake Switch 1		
Intake Air Charge Temp		°F

Freeze Frame #4

CODE: 

NAME	VALUE	UNITS
Current Adaptive Cell ID		
Intermediate MAP		PSI
Closed Loop - Bank 1		
Ignition Run/Start Switch		
PCM Mileage Since MIL On	0.0000	miles
Fuel Rail Pressure	0	PSI
Time Since Run / Start	0	seconds
Closed Loop with DTC - Bank 1		
Fuel Level Percent		%
Mass Airflow Rate	0.00	g/s
Purge Duty Cycle	0.0	%
Turbo PRatio		PRatio
MAP Voltage		Volts
Intermediate Manifold Air Temp		°F
Brake Switch 2		

Short Term Fuel Trim - Bank 1		%
Engine Load		%
Air Charge Temp - Bank 1		°F
MAP		PSI
ETC Motor Duty Cycle	0.0	%DC
Turbo Airport Mass Flow		g/s
Ambient Air Temperature		°F
Cooled EGR Temp		deg C/s
Freeze Frame Caused by DTC		
Actual Torque		Ft-Lbs
Barometric Pressure		PSI
TPS 1 Voltage		Volts
Vehicle Speed	0	MPH
PCM Odometer		miles
Absolute Load Value		%
Long Term Fuel Trim - Bank 1		%
Engine Coolant Temperature		°F
Battery Voltage		Volts
APP 1 Voltage		Volts
Calculated MAP		PSI
Vacuum		in Hg
Turbo Boost Timer	0.00	ms
EGR Error		
Throttle Outlet Pressure		PSI
Relative Throttle Position		%
APP Pedal Percent	0.00	%
Throttle Inlet Pressure		PSI
TPS 2 Voltage		Volts
		Volts
Purge Solenoid Current	0.000	mA
Potential Torque		Ft-Lbs
ETC Motor Directional Duty Cycle	0.0	%DC
Catalyst Temp		°F
Brake Switch 1		
Intake Air Charge Temp		°F
Commanded EGR Duty Cycle	0	%
AC Switch		
Throttle Outlet Temp		°F
AC Clutch		
Spark Advance		degrees
Engine RPM		rpm
Freeze Frame DTC Priority		
H-Bridge Circuit		
Brake Switch Pressed		

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

Turbo Torque Count	0	Counts
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No MisFire data available

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

ECU SUMMARY INFO

[illegible]

[illegible]

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

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
TCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ICS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TPM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RFH	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ESM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DTCM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ORC	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AHCP	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
TCM			
PCM			
PCM			
PCM			
PCM			
TPM			
DTCM			
BCM			
BCM			
RADIO			
RADIO			
RADIO			Stored
RADIO			
RADIO			
ABSO			
ABSO			
ABSO			
DASM			
DASM			
DASM			
DASM			
DASM			

ENVIRONMENTAL DATA SUMMARY

TCM |

NAME	VALUE	UNITS
DTC		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Warning Indicator Requested		
Test Failed		
DTC Extended Data Record Number - All		
Test Not Completed This Operation Cycle		

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

Occurrence flag		
Frequency Counter		
Most Recent Odometer Value		miles
Ignition Cycle Counter	0	
Original Odometer Value		miles

PCMI [REDACTED]

NAME	VALUE	UNITS
DTC		
DTC Readiness Flag		
DTC Storage State		
Warning Indicator Request State		
Number of DTC		
Odometer		miles
Accumulation Timer		minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Warm Up Cycles	0	
Key Cycles Since DTC Last Set Counter		
Good Trip Counter	0	

PCMI [REDACTED]

NAME	VALUE	UNITS
DTC		
DTC Readiness Flag		
DTC Storage State		
Warning Indicator Request State		
Number of DTC		
Odometer		miles
Accumulation Timer		minutes
Ignition Key Cycles		
Starts Since Set Counter		
Key Cycles Since DTC Last Set Counter		
Warm Up Cycles	0	
Good Trip Counter	0	

PCMI [REDACTED]

NAME	VALUE	UNITS
DTC		
DTC Storage State		
DTC Readiness Flag		
Warning Indicator Request State		
Number of DTC		
Odometer		miles

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

Accumulation Timer		minutes
Ignition Key Cycles		
Key Cycles Since DTC Last Set Counter		
Starts Since Set Counter		
Good Trip Counter	0	
Warm Up Cycles	0	

PCM |

NAME	VALUE	UNITS
DTC Readiness Flag		
DTC		
DTC Storage State		
Warning Indicator Request State		
Number of DTC		
Odometer		miles
Accumulation Timer		minutes
Ignition Key Cycles		
Key Cycles Since DTC Last Set Counter		
Starts Since Set Counter		
Good Trip Counter	0	
Warm Up Cycles	0	

PCM |

NAME	VALUE	UNITS
DTC		
Warning Indicator Request State		
Number of DTC		
Odometer		miles
Accumulation Timer		minutes
Ignition Key Cycles		
Starts Since Set Counter		
Key Cycles Since DTC Last Set Counter		
Good Trip Counter	0	
Warm Up Cycles	0	

TPM |

NAME	VALUE	UNITS
Confirmed DTC		
Test Failed		
Pending DTC		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		

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

DTC Extended Data Record Number - All

Test Failed This Operation Cycle

Test Not Completed Since Last Clear

Test Failed Since Last Clear

Original Odometer Value

Operation Cycle Counter

Most Recent Odometer Value

Frequency Counter

miles

miles

DTCM

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

BCM

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

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

BCM |

NAME	VALUE	UNITS
Test Failed This Operation Cycle		
Pending DTC		
Test Failed		
Confirmed DTC		
Test Failed Since Last Clear		
Test Not Completed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
DTC Extended Data Record Number - All		
Occurrence flag		
Most Recent Odometer Value		miles
Original Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter	0	

RADIO |

NAME	VALUE	UNITS
DTCTable		
TestFailed		
Confirmed DTC		
TestFailedThisMonitoringCycle		
Pending DTC		
Test Not Completed This Monitoring Cycle		
DTCExtendedDataRecordNumber		
Occurance Flag		
Warning Indicator Requested		
Reserved		
RDI \$6080		
Event Counter		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Counter		

RADIO |

NAME	VALUE	UNITS
DTCTable		
TestFailedThisMonitoringCycle		
TestFailed		
Pending DTC		
Test Not Completed This Monitoring Cycle		
Confirmed DTC		

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

Warning Indicator Requested		
DTCEXtendedDataRecordNumber		
Occurance Flag		
Reserved		
RDI \$6080		
Event Counter		
Frequency Counter		
Original Odometer Value		miles
Most Recent Odometer Value		

RADIO | [REDACTED]

NAME	VALUE	UNITS
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RADIO | [REDACTED]

NAME	VALUE	UNITS
DTCTable		
TestFailedThisMonitoringCycle		
TestFailed		
Confirmed DTC		
Pending DTC		
Test Not Completed This Monitoring Cycle		
DTCEXtendedDataRecordNumber		
Occurance Flag		
Warning Indicator Requested		
Reserved		
RDI \$6080		
Event Counter		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Ignition Counter		
Frequency Counter		

RADIO | [REDACTED]

NAME	VALUE	UNITS
DTCTable		
TestFailed		
TestFailedThisMonitoringCycle		
Pending DTC		
Confirmed DTC		
Warning Indicator Requested		
DTCEXtendedDataRecordNumber		
Occurance Flag		

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

Reserved		
RDI \$6080		
Event Counter		
Original Odometer Value		miles
Frequency Counter		
Most Recent Odometer Value		miles
Ignition Counter		

ABS

	VALUE	UNITS
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Test Failed Since Last Clear		
Occurrence flag		
Controller Event		
Mirror Memory		
Current System Mode		
Previous System Mode		
Rotation Direction Left Front		
Rotation Direction Right Front		
Rotation Direction Left Rear		
Rotation Direction Right Rear		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Fault Time		s
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Steering Wheel Angle		°
Supplier Internal Code		
Longitudinal Acceleration		m/s ²
Yaw Rate		°/s

ABS

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Occurrence flag		
Controller Event		
Undervoltage Suspected		
Mirror Memory		
Current System Mode		
Rotation Direction Left Front		
Rotation Direction Right Front		
Previous System Mode		
Rotation Direction Left Rear		
Rotation Direction Right Rear		
Most Recent Odometer Value		miles
Original Odometer Value		miles
Frequency Counter		
Fault Time		S
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Ignition Cycle Counter		
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Longitudinal Acceleration		m/s ²
Steering Wheel Angle		°
Yaw Rate		°/s
Supplier Internal Code		

ABS0 |

NAME	VALUE	UNITS
DTC		
Pending DTC		
Test Failed This Operation Cycle		
Test Failed		
Test Not Completed Since Last Clear		
Confirmed DTC		
Warning Indicator Requested		
Test Failed Since Last Clear		

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

Test Not Completed This Operation Cycle

Controller Event

Occurrence flag

Undervoltage Suspected

Mirror Memory

Previous System Mode

Rotation Direction Left Front

Rotation Direction Right Front

Rotation Direction Left Rear

Rotation Direction Right Rear

Most Recent Odometer Value

miles

Original Odometer Value

miles

Ignition Cycle Counter

0

Fault Time

s

Frequency Counter

Wheel Speed Right Front

0.000

MPH

Wheel Speed Left Front

0.000

MPH

Wheel Speed Left Rear

0.000

MPH

Wheel Speed Right Rear

0.000

m/s²

Yaw Rate

°/s

Steering Wheel Angle

°

Supplier Internal Code

DASM

	VALUE	UNITS
DTC		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Failed		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Operation Cycle Counter		
Ignition Voltage		
Vehicle Speed		MPH
System Voltage		Volts

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

DASM |

	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Operation Cycle Counter		
Frequency Counter		
Ignition Voltage		
Vehicle Speed		MPH
System		

	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		miles
Most Recent Odometer Value		miles
Operation Cycle Counter	0	
Frequency Counter		
Ignition Voltage		
Vehicle Speed		MPH
System Voltage		Volts

DASM |

NAME	VALUE	UNITS
DTC		

Test Failed		
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		
Most Recent Odometer Value		miles
Original Odometer Value		miles
Frequency Counter		
Operation Cycle Counter		
Vehicle Speed		MPH
Ignition Voltage		
System Voltage		Volts

DASM |

	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Not Completed This Operation Cycle		
Test Failed Since Last Clear		
Warning Indicator Requested		
Occurrence flag		
Original Odometer Value		miles
Frequency Counter		
Most Recent Odometer Value		miles
Operation Cycle Counter		
Vehicle Speed	0	MPH
Ignition Voltage		
System Voltage		Volts

SNAPSHOT DATA SUMMARY

No Snapshot Data available for

No Snapshot Data available for

No Snapshot Data available for

No Snapshot Data available for

No Snapshot Data available for

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

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]

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]

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)