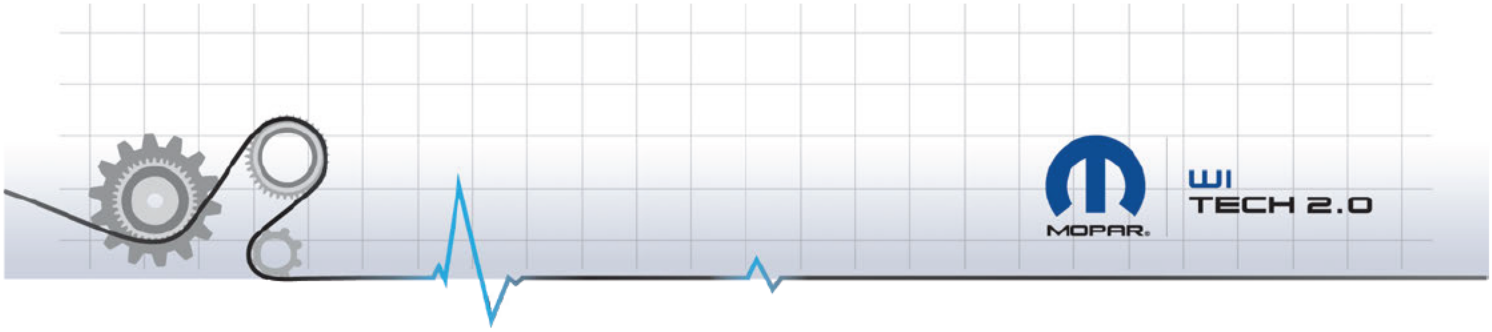
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CONFIGURATION REPORT

Vehicle 2022 JEEP GRAND CHEROKEE 3.6L V6 24V VVT ENGINE UPG I W/ESS
VIN [redacted]

Odometer 3.7 miles
Publication Date Jan 3, 2022, 8:27:15 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
ORC	Occupant Restraint	CAN-C	68518542AG	[redacted]	[redacted]	68518542AG
OCM	Occupant Classification	CAN-C	68361632AC	[redacted]	[redacted]	68361632AC
TCM	Transmission Control Module	CAN-C	68537576AG	[redacted]	[redacted]	68537576AG
DDM	Driver Door Module	CAN-I	68203031AH	[redacted]	[redacted]	
PCM	Powertrain Control Module	CAN-C	68537965AD	[redacted]	[redacted]	68537965AD
AMP	Amplifier	CAN-I	68549093AC	[redacted]	[redacted]	68549093AC
MSMD	Memory Seat Module - Driver	CAN-I	68579333AB	[redacted]	—	68579333AB
PDM	Passenger Door Module	CAN-I	68203030AH	[redacted]	[redacted]	
PLGM	Power Liftgate	CAN-I	68356645AJ	[redacted]	—	68356645AJ
DTCM	Drive Train Control Module	CAN-C	68589093AB	[redacted]	[redacted]	68589093AB
BCM	Body Controller	CAN-C	68374988AN	[redacted]	[redacted]	68374988AN
EPS	Electric Power Steering	CAN-C	68581306AC	[redacted]	—	68581306AC
SCCM	Steering Column Control Module	CAN-C	68351726AD	[redacted]	[redacted]	68351726AD
HVAC	Heat, Ventilation and A/C	CAN-I	68459040AJ	[redacted]	[redacted]	68459040AJ
ICS	Integrated Center Stack	CAN-I	68376525AC	[redacted]	[redacted]	68376525AC
RCCC	Rear Cabin Comfort Controls	CAN-I	68423840AC	[redacted]	[redacted]	
SGW	Security Gateway Module	CAN-C	68505573AF	[redacted]	[redacted]	68505573AF
RVCM	Rear View Camera Module	CAN-I	04672756AD			04672756AD
SLML	Smart Lighting Module Left	CAN-C	68405589AF	[redacted]	—	68405589AF
SLMR	Smart Lighting Module Right	CAN-C	68405589AF	[redacted]	—	68405589AF

ESM	Electronic Shifter	CAN-C	68423720AJ	[redacted]	[redacted]	68423720AJ
PAM	Parking Aid Module	CAN-C	68375592AH	[redacted]	[redacted]	
RFH	Radio Frequency Hub	CAN-C	68379519AL	[redacted]	—	68379519AL
IPC	Instrument Panel Cluster	CAN-C	68525326AI	[redacted]	[redacted]	68525326AI
ETM	Entertainment Telematic Module	CAN-I	68527730AC	[redacted]	[redacted]	68527730AC
DSM	Display Screen Module	CAN-I	68474166AG		[redacted]	68474166AG
TBM2	Telematic Box Module 2	CAN-C	68570137AE	[redacted]	[redacted]	50161449
BSCM	Brake System Control Module	CAN-C	68331267AI	[redacted]	[redacted]	68331267AI
CADM	Central ADAS Decision Module	CAN-C	04672797AQ	[redacted]	[redacted]	

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
ORC	United States of America	0	0	000200000000	
OCM	United States of America	1	4	9000	
TCM		0	1	000200000000	
DDM				9001	
PCM	USA	20 47	22 05 01	7F31	C67FCAC0
AMP	United States of America	1	4098	9020	
MSMD		96	57358	000200000002	
PDM				9001	
PLGM	—	1	5085	000200000034	
DTCM		0	1281	000200000015	
BCM	United States of America	198	5410	000200000000	
EPS		1	1	000200000020	
SCCM		0	5	000200000000	
HVAC	United States of America	1	2053	9103	
ICS	United States of America	0	1285	9100	
RCCC	United States of America			9001	
SGW		193	12290	000200000001	
RVCM		1	3	000200000000	
SLML		50	59417	000200000000	
SLMR		50	59417	000200000000	
ESM		4	6640	000200000016	
PAM		0	15	000200000000	
RFH		4	8195	000200000001	
IPC		131	21302	00020000000A	
ETM		65	6147	000200000008	
DSM	—	7	4112	9100	
TBM2		32	8224	000200000008	
BSCM	United States of America	0	4689	000200000000	

CADM	United States of America	5	2	000100000000

CONFIGURATION

ORC CONFIGURATION

NAME	VALUE	UNITS
Passenger Seat Track Position Sensor (STPS)	Configured	
Left B-Pillar Impact Acceleration Sensor	Configured	
Second Row Left seatbelt Switch	NA	
Right Up-Front Acceleration Sensor	Configured	
Driver Seatbelt Retractor Pretensioner	Configured	
Deployment Strategy	LRD	
First Row Passenger Seatbelt Buckle Switch	Hall Effect	
Occupant Classification (OCM)	Configured	
ESC (IMU) Sensing	Configured	
Rollover Sensing	Configured	
EPPM	Not Configured	
Passenger Knee Bolster Squib	Configured	
Second Row Right Seat Side Airbag	Not Configured	
Side Sensing	Configured	
Driver Frontal Squib 2	Configured	
Left Curtain Squib 1	Configured	
Driver Seatbelt Anchor Pretensioner	Configured	
Right D-Pillar Impact Acceleration Sensor	Configured	
Passenger Seatbelt Anchor Pretensioner	Configured	
Left C-Pillar Impact Acceleration Sensor	Configured	
Passenger Airbag Disable Indicator (PADI)	NA	
Driver Frontal Squib 3	Configured	
2nd Row Right Seatbelt Buckle Pretensioner	Not Configured	
Left Up-Front Acceleration Sensor	Configured	
Right B-Pillar Impact Acceleration Sensor	Configured	
Passenger Frontal Squib 1	Configured	
Right Side Door Pressure Sensor	Configured	
Passenger Occupant Detection Sensor (ODS)	Not Configured	
2nd Row Left Seatbelt Buckle Pretensioner	Not Configured	
First Row Driver Seatbelt Buckle Switch	Hall Effect	
Left Side Seat Squib 1	Configured	
Passenger Airbag Disable (PAD) Switch	NA	
First Row Center Airbag Squib	Not Configured	
Driver Seatbelt Load Limiter	Configured	
Left Side Door Pressure Sensor	Configured	
Driver Seat Track Position Sensor (STPS)	Configured	
Passenger Frontal Squib 3	Configured	
Driver Knee Bolster Squib	Configured	
Second Row Center seatbelt Switch	NA	

Right C-Pillar Impact Acceleration Sensor	Configured	
Driver Frontal Squib 1	Configured	
Second Row Left Seat Side Airbag	Not Configured	
Passenger Seatbelt Load Limiter	Configured	
Second Row Right seatbelt Switch	NA	
Right Curtain Squib 1	Configured	
Left D-Pillar Impact Acceleration Sensor	Configured	
Passenger Seatbelt Retractor Pretensioner	Configured	
Configuration Column Identifier	A1	
Right Side Seat Squib 1	Configured	
Passenger Frontal Squib 2	Configured	

OCM CONFIGURATION

NAME	VALUE	UNITS
Front Passenger Seat Bin	absent	
Vehicle Line	WL	
Seat Material Type	Invalid	
Front Bench Seat Status	absent	
Country Code	United States of America	

TCM CONFIGURATION

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

DDM CONFIGURATION

NAME	VALUE	UNITS

Door courtesy lamps	False	
Tilt in Reverse	False	
Mirror Running Lights	False	
Electro-chromatic Mirror	False	
Memory Seat	False	
Frameless Window	False	
Power Folding Mirrors	False	
Door map pocket LED	False	
Window Global Up	False	
Window Sun Shade	False	
Approach lamp present	False	
Heated Mirrors	True	
Door Handle LED Present	False	
Window Global Down	False	
Mirror Rear Guidance Lights / Mirror Trailer Spotter Light	False	
Passenger Window Lock Out	False	
Power Convex Mirror	False	
Blindspot mirrors	True	
Tow mirror	False	
Window Motor Type	False	
Puddle/Sill/Convex Indicator Lamp Present	False	
Mirror Turn Signals	True	
Memory Mirrors	True	
Auto Power Folding Mirrors Present	False	
Body Style	SUV	
Model Year	2022	
Vehicle Line	WL / VEH_WL	
Country Code	United States of America	

PCM CONFIGURATION

NAME	VALUE	UNITS
Secondary Mass Airflow Sensor Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Active Exhaust Valve(s) Equipped	False	
Electronic Parking Brake Equipped	True	
High Side Port Tumble Valve Equipped	False	
Mechanical Coolant Pump Equipped	False	
Wastegate HBridge Equipped	False	
Heater Temp Control Valve Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Engine Oil Pressure Sensor Type	255	None
Duty Cycle Purge Valve Equipped	True	
A/C Equipped	True	
PWM Fan Motor System Equipped	False	

42RLE	False	
Clutch Interlock Switch Equipped	False	
Engine Oil Heater Cooler Equipped	True	
HPT 6-Speed Transmission Equipped	False	
Next Gen Bus Equipped	False	
EMAT (Getrag DCT transmission) Equipped	False	
Tumble Generator Valve Equipped	False	
Wastegate H-Bridge Equipped	False	
Auxiliary Coolant Pump Heater Equipped	False	
Dual Stage Oil Pump Equipped	True	
2.7 Liter V6 Engine	False	
TIP Equipped	False	
Starter Relay 2 Equipped	True	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
1 Speed Fan Mechanical Relay System Equipped	False	
Shift Indicator Lamp Equipped	False	
VLP Is Learnable Indicator	False	
MDS Equipped	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
3.8 Liter V6 Engine	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
Compressed Natural Gas Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
GPEC5 VVT Direct Injection 6 CANFD Equipped	False	
Electric Water Pump Equipped	False	
GPEC5 VVT Port Fuel Injection 6 Equipped	False	
3.2 Liter V6 Engine	False	
Sensorless FFV Enabled	False	
Electronic Throttle Control Equipped	True	
Power Steering Switch Equipped	False	
Knock Sensor 2 Equipped	True	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
WI4 Intake Flow Control Valve Equipped	False	
GPEC2 Equipped	False	
Fiat VIN Learning Strategy Equipped	False	
GPEC5 VVT Port Fuel Injection 8 Equipped	False	
2 Speed Fan Mechanical Relay System Equipped	False	
Variable Speed Fuel Pump Equipped	True	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
CMCV H-Bridge Equipped	False	
GPEC5 VVT Direct Injection 6 Equipped	False	
Operator Idle Speed Request Equipped	False	
5.7 Liter V8 Engine	False	
ESIM Equipped	True	

Fiat 940 Compact Equipped	False	
Unleaded diesel fuel	False	
40TE / 41TE / 41TEA	False	
Engine Stop Start Equipped	True	
Linear PWM Fan Relay System Equipped	True	
Brake Pedal Sensor Equipped	True	
Continuous Variable Transmission Equipped	False	
ERS Equipped Indicator	False	
Mechanical Coolant Pump Heater Equipped	False	
VLP Equipped Indicator	False	
Supercharger Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
ICC Cruise Equipped	False	
GPEC5 Equipped	True	
Adaptive Cruise Control Equipped	True	
Active Exhaust Valve Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
PTO System Equipped	False	
Electric Coolant Valve Equipped	False	
62TE	False	
Exhaust Cam 1 Equipped	True	
SRV Equipped	False	
Turbine Volute Valve Actuator Equipped	False	
Dual Fuel Tank Equipped	False	
3.3 Liter V6 Engine	False	
Unleaded Gasoline Fuel	True	
4.7 Liter V8 Engine	False	
3.0 Liter V6 Engine	False	
2.0 Liter WI4 engine	False	
WI4 Variable Valve Timing Equipped	True	
Direct Injection Equipped	False	
3.7 Liter V6 Engine	False	
6.1 Liter V8 Engine	False	
Aisin 6-Speed RWD Transmission Equipped	False	
Engine Idle Shutoff Equipped	False	
Electronic Coolant Pump Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
Auxiliary Heater Electric Water Pump Equipped	False	
Yaw Rate Sensor ESC Equipped	False	
4 Speed Automatic Transmission Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
GPEC2A Equipped	False	
GPEC4 Equipped	False	
Fixed displacement AC Equipped	True	

66RFE / 68RFE	False	
Adaptive Cruise Control Hardware Equipped	False	
Police Package Equipped	False	
2.4 Liter WI4 engine	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
Cummins Equipped	False	
Fan Wake Up Relay System Equipped	False	
2 Speed Fan PWM Relay System Equipped	False	
Port Flap Valve Equipped	False	
Active Engine Mount Equipped	True	
Barometric Sensor Equipped	True	
Transmission Software Included	False	
Intake Cam 1 Equipped	True	
3.5 Liter V6 Engine	False	
Coolant On-Off Valve Equipped	True	
Dual Speed Fuel Pump Equipped	False	
Viscosity Sensor Equipped	False	
High Side Port Tumble Valve Equipped	False	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
Low Temperature Radiator Coolant Pump Equipped	False	
4.0 Liter I6 Engine	False	
Active Exhaust Pressure Sensor Equipped	False	
AC Equipped Over Bus	False	
Trans Reverse Lockout Equipped	False	
Engine Software In Package	True	
Vehicle Speed Sensor #1 Calculated from CAN	False	
Cooled EGR Equipped	True	
Auxiliary Coolant Pump Equipped	False	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	False	
3 Speed Fan Mechanical Relay System Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Constant Heater Temperature Control Valve Equipped	False	
Coolant On-Off Pump Equipped	False	
Trans Skip Shift Equipped	False	
6.4 Liter V8 Engine	False	
Transmission Oil Heater Equipped	True	
45RFE / 545RFE / 65RFE	False	
Secondary Fuel Pump Equipped	False	
Rear Heater Equipped	False	
VFS Actuators Available Indicator	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
Variable Displacement AC Equipped	False	
Linear Purge Equipped	False	
1.8 Liter WI4 engine	False	

Intake Cam 2 Equipped	True	
MultiAir Equipped	False	
GPEC3 Equipped	False	
Knock Sensor 1 Equipped	True	
ZF 9-Speed Transmission Equipped	False	
Secondary Air Equipped	False	
Oil Pressure Sensor Enabled	True	
TOOL CONFIG AtlantisHigh Bus Equipped	True	
CUSW PROXI Write Programming Support Enabled	True	
Wide Range O2 Sensor 2/1 Equipped	False	
3.6 Liter V6 Engine	True	
Powernet Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
Electronic Vacuum Pump Equipped	False	
1.0 Liter I3 Engine	False	
Electric Thermostat Heater Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	False	
GPEC5 VVT Port Fuel Injection 6 CANFD Equipped	True	
Exhaust Cam 2 Equipped	True	
AC Equipped	False	
Primary Lin Alternator Equipped	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
Battery Temp Sensor Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
Hybrid Electric Vehicle Equipped	False	
Turbocharger Equipped	False	
6.2 Liter V8 Engine	False	
CUSW (11-Bit) Equipped	False	
ETC Cruise equipped	False	
GPEC5 VVT Port Fuel Injection 8 CANFD Equipped	False	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
TOOLCONFIG Oil Pressure ABS Equipped	True	
4 Button Integrated Cruise Control	False	
MTV Solenoid Equipped	False	
Linear EGR Equipped	False	
Active Grille Shutter Equipped	True	
VMM Equipped	False	
Mass Airflow System Equipped	False	
Bi-Directional Crank Sensor Equipped	True	
Clutch Sensor Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
Power Steering Angle Sensor Mandatory	False	
Operator Idle Speed Request Equipped	False	
CUSW 4-Button Cruise Equipped	False	

LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Cylinder Pressure Sensor Equipped	False	
INTAKE O2 SENSOR EQUIPPED	False	
Make Up Air Sensor Equipped	False	
5 Button Cruise (LIN) Equipped	True	
Dual Fuel Pressure Sensor Equipped	False	
Brake Pedal Sensor Equipped	True	
Throttle Inlet Temp Sensor Equipped	False	
Variable Valve Lift Equipped	Equipped	
2.0 Liter I4 Direct Injection Engine	False	
Primary Lin Alternator Equipped	Not Equipped	
1.0 Liter I3 Engine	False	
Coolant On-Off Pump Equipped	Not Equipped	
Remote Start Present	Present	
CNG Large Gas Tank Equipped	False	
Engine Idle Shutoff Equipped	False	
PTO System Equipped	False	
HPT 6-Speed Trans Equipped	False	
A/C Relay Powered from Engine Switched Battery	False	
Auxillary Coolant Pump Equipped	False	
Dual Alternator Gen1 Capable	False	
Cooled EGR Equipped	True	
Supercharger Equipped	False	
Hybrid MEC Shifter Equipped	False	
ZF 9-Speed Trans Equipped	False	
Dual Fuel Tank Equipped	False	
Low Temp Radiator Coolant Pump Equipped	False	

AMP CONFIGURATION

NAME	VALUE	UNITS
Acoustic Configuration	62	
Vehicle Line Configuration	WL	
Audio System Type	Premium CAN	
ANC Status	Off - Window Mute	
Current ANC Calibration ID - Service	6207	

MSMD CONFIGURATION

NAME	VALUE	UNITS
Easy exit seat customer settings menu; Present = [1]	Not Set	
Configuration message CS02 Status	Signal Not Available / SNA	
RKE linked to memory customer settings menu; Present = [1]	Set	
Driver Seat Power Cushion Extension With Memory	absent	
Passenger Seat Power Cushion Extension With Memory	absent	
Autonomy Level	None/Level 1	

Vehicle Line Configuration	WL	
Country Code	United States of America	
Car Shape Configuration	SUV	
Passenger Power Seat Variants	cushion, height, tilt, and backrest adjustment	
Passenger Seat Power Lumbar Support Variants	Horizontal and Vertical without Memory	
PDSSM_Presence	absent	
Tilt in Reverse Mirror	absent	
Driver Power Seat Variants	cushion, height, tilt, and backrest adjustment	
CAN node 83 (SMMD)	absent	
Model Year	2022	Year
Tilt Telescope Column	absent	
Passenger Memory System	absent	
DSSM_Presence	absent	
Driver Seat Power Lumbar Support Variants	Horizontal and Vertical without Memory	
Driver Side	Left Side	
Memory System	Present	
CAN node 84 (SMMP)	absent	
Proxi Write Counter	02	

PDM CONFIGURATION

NAME	VALUE	UNITS
Passenger Window Lock Out	False	
Mirror Rear Guidance Lights / Mirror Trailer Spotter Light	False	
Blindspot mirrors	True	
Mirror Running Lights	False	
Puddle/Sill/Convex Indicator Lamp Present	False	
Mirror Turn Signals	True	
Door courtesy lamps	False	
Tow mirror	False	
Power Folding Mirrors	False	
Auto Power Folding Mirrors Present	False	
Tilt in Reverse	False	
Memory Seat	False	
Heated Mirrors	True	
Electro-chromatic Mirror	False	
Door map pocket LED	False	
Frameless Window	False	
Power Convex Mirror	False	
Memory Mirrors	True	
Approach lamp present	False	
Door Handle LED Present	False	
Window Sun Shade	False	
Window Global Down	False	
Window Global Up	False	

Window Motor Type	False	
Body Style	SUV	
Country Code	United States of America	
Model Year	2022	
Vehicle Line	WL / VEH_WL	

BCM CONFIGURATION

NAME	VALUE	UNITS
Locked Status	Locked	
VIN LOCK State	Locked by odometer	
Headlamp On with Wiper	Not used	
MSMP PROXI	hasn't EOL	
Remote Control Key	Not used	
Fuel Lid Management	Not used	
LOT Function	Not used	
AUX Presence	Present	
Heated Steering Wheel	Present	
Charge Port Type	Not used	
Headlamp LED Management	Not used	
Fleet	Not used	
Idle Preset Presence	Not used	
Cornering Light	absent	
Remote Headlights Off Delay	Not used	
Gear Box Paddles Logic	Not used	
VRM	absent	
Horn Chirp Enables	Both_Access_Alarm	
Front Lights PWM Enable	Not used	
SCCM	Present	
Torque Distribution Display	Not used	
ESM	Present	
Audio Repetition Menu	Not used	
Front Psng Disable Switch	Not used	
Nav Repetition	Present	
IPC Internal Light Sensor	Not used	
ASBM LIN Module	absent	
Pedestrian Protection	None	
Passenger Active Head Restraints	Not used	
Intelligent Speed Function Menu	Not used	
Front Driver Bag	Present tri stage	
Projection Mode	Not used	
Seat Material Front	Type 2 (Leather)	
Max Engine Oil Temp	Not used	
Front Passenger Bag	Present tri stage	
GPS Presence	Present	

CM Rif	Not used	
Rear Lateral Passengers Buckle Switch pretensioner	Not used	
EPS PROXI	Has EOL	
TBM2	Present	
Driver Buckle Switch	Present	
Climate Type	Automatic	
EC Mirror Hard Button Present	absent	
Right Front Open Circuit Disable	Set	
ELSD PROXI	hasn't EOL	
HVAC PROXI	Has EOL	
Driver EC Mirror	absent	
AM FM1 Antenna Type	Active	
Model Year	2022	Year
Centralized Lock Unlock Key Cylinder	Not used	
Glove Box Lock	Not used	
DTV	absent	
BSCM	Present	
HFRM Module	absent	
VRM PROXI	hasn't EOL	
Front Fog Light Strategy	Present	
Relax Mode Presence	absent	
Suspension Configuration Rear	Steel Suspension	
Ready To Drive Menu	absent	
Apps Presence	False	
SD Presence	Not used	
FSM PROXI	hasn't EOL	
Mirrors System	Not used	
Configuration Families	Not used	
Removable Ceiling Light	Not used	
Heated Seat Levels	3 Levels	
Virtual Memory Seats Button	Not used	
MSMP	absent	
Cluster Display Type	TFT color display	
FOA Type	Type1	
eSave Menu	Not used	
Rear Lights Diagnosis	Not used	
Nav Repetition Menu	Not used	
Relock Strategy	absent	
IBS Type	Not used	
Trunk Open Button Strategy	Not used	
PDSSM Presence	Not used	
DSM	Present	
Forward Collision Mitigation	Full Speed FCW with Pedestrian/Cyclist Emergency Braking	
FM2 Presence	absent	

Hill Holder System	Not used	
Highway Assist	Not used	
Dual Fuel Sensor	Present	
Lane Assist	Active Lane Management	
Special Package VP	WL Sport	
MSMD	Present	
Front passenger Buckle Switch Pretensioner	Not used	
Head Light Washer	absent	
NAV Presence	Present	
Emergency Call	Not used	
GPF Presence	Not used	
Vehicle Track	Not used	
Phone Repetition Menu	Present	
Configuration Date	20211208	
Tester Code	E0037A03	
External Port Type	Not used	
Bonnet Switch	Present	
Seat Material	Not used	
Gear Shift Indicator	absent	
SLML	Present	
Vehicle Lifter	Not used	
BeiDeu Presence	Not used	
ADAS Enhanced Visualization	Not used	
Fuel Heater	Not used	
Damping Tuning Set	None	
Tcase High Ratio	Tcase Hi ratio 1:1	
ELSD	absent	
BSM FNCT 0 HSA	Not used	
SDARS Travel Link	Present	
Trunk Pressure Type	Not used	
ACC Variant	ShortimeGap_ mph_160Max	
Power Inverter Presence	Not used	
ACN Hardwire	absent	
CRVMM Presence	absent	
Heated Steering Wheel Levels	1 Level	
4 low button	Not used	
RLS Auto Headlamps	Not used	
Voice Recognition Activation	Not used	
Stop Start Menu	Not used	
ESL PROXI	hasn't EOL	
AHBM Feature Menu	Present	
Rear LED Turn Signal	Not used	
Immediate Door Unlock After EARS	Unlock Doors after Vehicle Speed	
Speed Limiter	absent	

Roll Over Head Protection Bars	Not used	
Parking Brake Type	Tyep 2 (25 kN MOC)	
Front Axle Disconnect	Present	
Alarm System	Present	
Multimedia Command Type	Not used	
Front WSS Type	With Direction (3 levels)	
TBM2 PROXI	Has EOL	
IPC Theme Selector	Theme 1	
Starter Type	Not used	
USB Presence	2 USB	
Rear Door Right Switch Presence	Not used	
EC Mirror	absent	
PAM Tuning Set	Laredo/Limited/Summit	
Car Shape Configuration	SUV	
Backup Vehicle Start	Not used	
CVPAM Presence	absent	
Lateral Pressure Sensor	Present	
ICS	Present	
Phone As A Key	Not used	
Auto Decklid Release	Not used	
ETM	Present	
Tank Fuel Capacity	23	gallons
Tyre Pressure System	Present	
Suspension Button	Not used	
Passive Entry Types	2_Doors_PE	
Charge Schedule Type	Not used	
Half Configuration Families	Not used	
Additional Tail Light	Not used	
External Speaker Presence	absent	
Ignition Pre Start Logic	Enable	
Sound Generator setting	Not used	
Proximity PE Wakeup	absent	
Track Width Variant	Track 2	
Rear Seat Bag	Not used	
Suspension Configuration Front	Not Applicable	
GNMM	absent	
ESL	absent	
DRL Menu Enable	Enabled	
External LTE Diversity Antenna	Present	
ASBM Type	Not used	
ALM PROXI	hasn't EOL	
Third Row Lateral Passenger Buckle Switches	Not used	
Hybrid Type	Not Applicable	
Avg Fuel Consumption Rif	Not used	

Front Central Buckle Switch Pretensioner	Not used	
PAM PROXI	Has EOL	
ITM	absent	
Twilight Sensor	Present	
Front Axle Ratio	3450	
Geolocation Menu	absent	
RCU LIN Module	Not used	
Cold Start	Not used	
Panic	Present	
After Wipe	Not used	
RVDM Presence	absent	
Brake Pedal Sensor Type	Not used	
Clima Zone	3 zone	
Horn Chirp Menu	Present	
Tachometer Filtering Type	type 1	
PCM PROXI	Has EOL	
Express Windows	Not used	
Seat Material Rear	Type 2 (Leather)	
Roof Height	Not used	
Battery Type II	Not used	
External Temperature Sensor	Present	
BPCM PROXI	hasn't EOL	
Blind Spot Type	Not used	
Combined Rear Lighting	Present	
OCM PROXI	Has EOL	
Side Marker	Not used	
Power Folding Mirror	absent	
Greeting Lights Menu	Present	
Ultrasonic Sensor	absent	
Auto Close Menu	Disabled	
HCP PROXI	hasn't EOL	
Traffic Sign recognition	absent	
TCM	Present	
DTV Front Cam Presence	Not used	
Power Adjustable Pedals	Not used	
Head Up Display Type	absent	
PTC	Not used	
Launch Control	Not used	
Interior Monitoring Camera	Present	
Driver Side	Left Side	
Rear Lateral Passenger Buckle Switches	absent	
Drive Type Variant	Single Speed AWD	
Stop And Start Level	Not used	
Illuminated Approach Menu	Not used	

PFDM Presence	Not used	
Microphone Configuration	2 Microphones	
Clutch Interlock Message	Not used	
Headlamp Type	Not used	
Front Passenger Buckle Switch	Present	
Lateral Direction Lights	Not used	
Reverse Light Configuration	Not used	
Plate Lights Type	Not used	
Rear Lights PWM Enable	Not used	
FOA Presence	Present	
Temp Display Resolution	Not used	
DASM tuning set	Not used	
BSCM2 PROXI	hasn't EOL	
Neck Warmer Presence	Not used	
IAM Unit	absent	
DRL Type	Not used	
Neutral Sensor	Not used	
CADM	Present	
DALM PROXI	hasn't EOL	
FOTA Server Region	NA	
BSM FNCT 4 RBS	Not used	
Independent Heated Seats	Not used	
ALM	absent	
Door Ambient Lighting	Not used	
BSM FNCT 7 MSR	Not used	
Blind Spot Monitoring	Present	
Driver Power Headrest	Not used	
FCW Soft Button	Not used	
Passenger Power Seat Variants	cushion, height, tilt, and backrest adjustment	
ETM PROXI	Has EOL	
DPF Presence	Not used	
Digital Television Feature	Disabled	
Direct Tyre Pressure System	Not used	
Digital Clock	Not used	
HVAC	Present	
PLGM PROXI	Has EOL	
Main Ant Supply Cfg	First Active	
Rear Wiper Motor	Present	
Emergency Switch	Not used	
BSM FNCT 6 PAS	Not used	
Trailer TPMS	Not used	
Front Driver Pretensioner	Present Dual Stage	
Power 3rd Row Fold Unfold	absent	
Engine Torque Parameter MAX	Not used	

Front Tow Hooks	absent	
Anti Pollution Sensor	Not used	
Front Crash Sensor	Two Sensors	
RPM Dumper Calibration	Not used	
Max Vehicle Capacity	Not used	
BSCM PROXI	Has EOL	
RFH	Present	
Ambient Lighting Function	Present	
Off Road Pages	Present	
Headlamp Delay Feature	Present	
Traffic Sign Offset Menu	Not used	
Additional Languages	Default Languages	
DTV Side Cam Presence	Not used	
Compass Display	present on IPC and VP	
Headrest Dump Present	Present	
Extended Steering Ratio Rack Pinion Type	Not used	
Compass Mounting Angle	Not used	
Front Lights Diagnosis	Not used	
Steering Customer Settings	Present	
PAM Configuration	Rear	
Park With Stop	Present	
Dead Lock	absent	
Steering Directed Lights Menu	Not used	
Additional Front Light Mng	None	
Head Lamp Dip Menu	Not used	
Steering Ratio Rack Pinion Type	Type 2 (64)	
DMSM PROXI	hasn't EOL	
ERS Autostick Presence	Autostick present	
BPCM	absent	
Brand Configuration 2	Jeep	
Rear Screens Present	absent	
Driver Swivel Seat	Not used	
SBR Logic	Not used	
Cruise Control	absent	
Market Area	NAFTA	
DRL Fog Light Strategy	absent	
Audio Tuning Mode Setting	Not used	
SCR Presence	Not used	
Power Windows Configuration	Not used	
ECSB Presence	Not used	
GG Diagram Display	Not used	
Indipendent Rear Fan	Not used	
Auto On Comfort Menu	Not used	
Selectable Tire Fill Alert	Enabled	

Audio Car Lay Out	Not used	
BSM FNCT 2 TSC	Not used	
Driver Buckle Switch Pretensioner	Not used	
Rear PPD Type	Not used	
RRM VPx Steering Wheel Command Type	14_LIN_button_NAFTA	
BSM FNCT 3 ACC	Not used	
Third Row Central Passenger Buckle Switch	Not used	
AEB Domain Controller	Not used	
AHBM	Present	
Audio Steering Wheel Controls on IPC	Present	
Power Door Lock	Not used	
Stop And Start Type	CG Type	
Park Lamp Loadshed	Present	
Double Pressure Time	Not used	
Anti Frost Sensor	Not used	
Windshield Type Variant	Not used	
Traffic Sign Recognition Menu	absent	
Park Assist Volume Strategy	Gear Position Based	
Eco Mode Latch	Not used	
BSCM2	absent	
Unit Set Menu	Not used	
SMMP PROXI	hasn't EOL	
Cruise Control Logic	Logic 2 (ADAS Normal Cruise Control Present)	
Power Seat	Not used	
Memory System	Present	
Gear Box Type	ATX	
Boost pressure sensor type	Not used	
ITM PROXI	hasn't EOL	
ESM PROXI	Has EOL	
Vehicle Occupant Capacity	6/7 Passengers	
Rear Central Passenger Pretensioner	Not used	
Battery Type	Not used	
IDCM PROXI	hasn't EOL	
Rear Fog Light Configuration	No Lights	
Right Seat Bag	Present	
Front Fog Light	Present	
Lit Front Sill Plates	absent	
Sound Generator Profile	Not used	
Auto Closing Time	Not used	
Lock With Engine On Warning	Not used	
SMMD PROXI	hasn't EOL	
Audio Media Expander Setting	Not used	
Audio System Type	Premium CAN	
Number Of Doors	Not used	

Front Fog Light with DRL	Not used	
Rear Defrost Hardwired Button	Not used	
Parking Turn Light Strategy	Not used	
Active Driving Assist	Not used	
Front Parking Lights Type	Not used	
KEY LESS GO	Present	
Heated Washer Nozzle	Not used	
Passenger Seat Power Lumbar Support Variants	Horizontal and Vertical without Memory	
Drive Selector Type	Not used	
DDM	Present	
Automatic Vertical Aim Control	Not used	
Autonomy Level	None/Level 1	
ASCM	absent	
Ambient Lighting Type	Not used	
Display OFF SoftKey	absent	
ECO Mode Presence	Not used	
Windshield Heated Wiper Deicer	absent	
Reverse Lights Type	Not used	
ASBS PROXI	hasn't EOL	
Passenger Memory System	absent	
Max Def Strategy	Not used	
Cooled Seats	absent	
DRL Lamp Location	Low Beam DRL	
Horn Chirp Duration	Short	
Gear Box Paddles Types	Not used	
Climate Panel Type	Not used	
Paddle Shifter Menu	absent	
Left Window Bag	Present	
Head Light Levelling	absent	
ASBS	absent	
RFH PROXI	Has EOL	
DALM	absent	
Dead Reckoning Availability	Not used	
Half Torque Sensibility	Not used	
Steering Wheel Material	Type 1 (Leather)	
DRL	Present	
Open Roof	Not used	
Exterior EC Mirrors	Not used	
Redundant Door Ajar Switch Present	Present	
Light Fade PWM Enable	Not used	
IDCM	absent	
Driver Drowsy Alert Incremental Chime	Not used	
Flash Light With Lock Menu	Present	
COM Module	Not used	

Day Night Backlight Strategy	Not used	
Automatic Reset TripB Menu	Not used	
Nav Map In Cluster	absent	
Rear Central 2 Passenger Buckle Switch	Not used	
Km To Service	Not used	
Rear Windows Lifter	Not used	
Acustic Configuration	Premium 2	
Front PPD Type	OCS	
ASBM 3 LIN Module	absent	
Performance Pages	Not used	
HCP	absent	
DTV PROXI	hasn't EOL	
Intrusion Alarm Menu	Not used	
Glove Box Soft Button	Not used	
Passenger Door Ajar Switch Type	Digital	
Tilt Telescope Column	absent	
GLONASS Presence	Not used	
Axle Ratio	3450	
SGW	Present	
SBR Unit	Not used	
Remote Start	Present	
Driver Seat Power Lumbar Support Variants	Horizontal and Vertical without Memory	
TCM PROXI	Has EOL	
Reverse Mute Enable	Not used	
Inadvertent Light PWM Enable	Not used	
TPMS Configuration	Not used	
Drive Style Selector	Terrain Selector	
Tourist Mode Feature	Not used	
Automatic Recirculation	Not used	
Configuration Code	00000027843	
Brake system families	18" NAFTA NAO Lightweight (BR1)	
HV Battery Pack	Not used	
OCM	Present	
Half HMI Setting	Not used	
Odo Units Change	Present	
Stop And Start Button Source	Not used	
Shifter Type Variant	4 pos Autostick / TYPE_AS4	
SRU LIN Module	Not used	
Active Spot Light Feature	Not used	
Over Speed Warning	absent	
Radio Display Type	10.1" 1920x1200	
Passenger Seat Power Cushion Extension With Memory	absent	
Wi Fi Cfg	Present	
Surround View Camera	absent	

EPS	Present	
TPMS VARIANT	Not used	
IPC	Present	
Days To Service	Not used	
CHDM Presence	Not used	
SMMP	absent	
Washer Fluid Sensor	Present	
Additional Heater	Not used	
Increasing speed constant	Increasing_0	
Glare Free Feature	Not used	
IPC PROXI	Has EOL	
Front Passenger Seat Bin	Not used	
BSM FNCT 1 HDC	Not used	
Forward Facing Camera	absent	
Ecall Button Variant	Not used	
Lock With Door Open	Not used	
Rear Door Left Switch Presence	Not used	
Blow By Heater	Not used	
Run Flat Tire Presence	Not used	
CHMSL Presence	Not used	
Side Distance Warning	absent	
AMP	Present	
Vehicle Line Configuration	WL (65 Hex)	
Country Code	United States of America	
Custom Units Menu	Not used	
Traffic Jam Presence	Not used	
Front Lateral Passenger Pretensioner	Present Dual Stage	
Tire Fill Alert	Not used	
TBM Audio Config	type 1	
Street Bending Light Type	Not used	
Browsing Enable	Not used	
Puddle light	absent	
Depth Lights	Not used	
DSSM Presence	Not used	
Bonnet Switch Type	Not used	
EPPM	Not used	
Right Rear Open Circuit Disable	Set	
Service Coupon Number	Not used	
NVPM	absent	
Rear Parking Lights Type	Not used	
GNMM PROXI	hasn't EOL	
DST Presence	Not used	
Power 2nd Row Easy Entry	Not used	
Themed Sounds	Not used	

Auto Vehicle Hold	absent	
IR Remote Ctrl Cfg	Not used	
Left Front Open Circuit Disable	Set	
Tyre Size	94	inch
Adaptive Cruise Control	ACC with Stop/Go	
Mirrors Type	Not used	
Load Compartment Doors Unlock	Not used	
RPM Shift In Progress	Not used	
Oil Information	Not used	
Tcase Low Ratio	2720	
AHCP PROXI	hasn't EOL	
Model Equipement	Not used	
Passenger EC Mirror	absent	
Album Art In Cluster	absent	
Wizard Feature	Not used	
Siren	Horn	
Audio Surround Setting	Not used	
RCCC PROXI	Has EOL	
Rear Climate	Present	
Blinking at CDL	Not used	
Front Lateral Passenger Anchor Pretensioner	Present	
Selector Logic	Not used	
BiFunctional Headlamp Shutter	Not used	
Driver Door Ajar Switch Type	Analog	
Rain Sensor	absent	
Audio Equalizer Setting	Not used	
Turbo Pressure Display	Not used	
Advanced Driver Program Kind Button	absent	
Antinclination Sensor	absent	
Drive Modes	Present	
AGS Unit	Single Actuator	
Alternator Class	Not used	
SLML PROXI	Has EOL	
Full Size Matching Spare	Not used	
NVPM PROXI	hasn't EOL	
Selec Speed Control Feature	absent	
Left Seat Bag	Present	
Rear Passenger Presence Detection	absent	
Electronic Brake System Type Variant	Not used	
Hill Start Menu Presence	Present	
Intelligent Speed Function	absent	
Heated Seats	Front and rear seats	
Assist Call Button Config	Remote – HU selection	
LKA Mode Latch	Not used	

Surround	Present	
Stop And Start	Present	
Microphone Tuning Parameter	Mic Tuning Set 1	
Cooling Fluid Level Sensor	Not used	
PCM	Present	
Speed Limiter Treshold	Not used	
Signature Lighting	Not used	
Adaptive Front Light system Menu	Not used	
Trunk Door Kind	powered lift gate	
Creeping Feature	Not used	
Proximity Configuration	Not used	
PAM Push Button	Not used	
Auto Power Folding Mirrors	absent	
Street Bending Light	Not used	
Connected Services Presence	Present	
DAB Disable	Disabled	
Rear View Camera Soft Button	Present	
ANC Calibration Parameter Dataset	25095	
DDM PROXI	Has EOL	
Disable CD Eject	Not used	
Audio Repetition	Present	
Final Ratio	Type1 (3.45)	
Ecall Button Config	Virtual (CAN/LIN)	
Driver Seat Power Cushion Extension With Memory	absent	
Blindspot Trailer Detection	Not used	
Fuel shut off type	Not used	
Driver Active Head Restraints	Not used	
QVPM Configuration	absent	
Separated Lighting Brake Lamp Dropout	Not used	
DPF Rgn On Demand	Not used	
Brake Type Variant	Not used	
Proxi File Lenght	Not used	
TTM PROXI	hasn't EOL	
Hill descendent control	absent	
Sky Slider	Not used	
Rear Doors Relock	Not used	
PLGM	Present	
FSM	absent	
Passive Entry	Present	
DSM PROXI	hasn't EOL	
TIP Start	Present	
Rear Passenger Doors Ajars Switch Type	Not used	
FPMM Immo	Not used	
Power 2nd Row Fold Flat	absent	

Exterior Mirror Courtesy Lamps	absent	
Anti Fog Sensor Humidity	Present	
Internal Lighting With Dimming	Not used	
Remote Control Kind	Not used	
Smart Wiper Motor	Not used	
Xenon Headlamp	Not used	
Engine Torque Display	Not used	
USB Connection Present	absent	
BCM PROXI	Has EOL	
Lateral B Pillar Sensor	Present	
Beam Shaping Feature	Not used	
Easy Entry Menù	Present	
CADM2	absent	
Front Central Buckle Switch	Not used	
SCRM HMI Logic	Not used	
Illuminated Brand Badge	Not used	
Engine Type	Type2 (3.6L V6 24V VVT ENGINE UPG I W/ESS)	
Immobilizer	Not used	
DMSM	absent	
SWSM Presence	absent	
Rear Door Lock Button	Not used	
Fuel Type	Gasoline	
Dimming Level Selector Type	Not used	
ASCM PROXI	hasn't EOL	
EPB Maintenance Menu	Not used	
Exterior Mirror Turn Signals	Present	
Primary LIN Alternator	Not used	
Semi Automatic Parking System	absent	
Pull Out Control Presence	absent	
Intercom Present	Not used	
Rear View Camera	Present	
GSI Type	NOT_PRESENT	
Compass Mounting Orientation	Not used	
Language Selection	Not used	
Passenger Swivel Seat	Not used	
Heated Mirror	Present	
Welcome Movement	Not used	
TTM	absent	
Turbo Parameter	Not used	
PAM	Present	
Roll Up Door	Not used	
DTCM PROXI	Has EOL	
Auto Unlock Strategy	Present	
Trunk Button Location	Not used	

Global Window Down	absent	
Passenger Power Headrest	Not used	
SGW PROXI	Has EOL	
Rear Central Passenger Buckle Switch	absent	
Tyre Pressure Unit Menu	Present	
Safety Engine Off Strategy	Present	
BCM	Present	
MSMD PROXI	Has EOL	
ARTS Sensor	Not used	
UGDO	Present	
Driver Power Seat Variants	cushion, height, tilt, and backrest adjustment	
Front Psng Disable Suppression	Not active	
Intelligent Cruise Control	Not used	
TIPL Function	Not used	
Driver Knee Bag	Present	
SCCM PROXI	Has EOL	
WCPM	absent	
SMMD	absent	
Quick Keylock	Not used	
EPS Configuration Families	Not used	
Remote Door Unlock Menu	Present	
HLS Command Type	Type2 (Headlamp_with_OFF)	
HV Battery Capacity	Not used	
CADM PROXI	Has EOL	
Logistic Mode Manual Procedure	Enable	
Lateral C pillar Sensor	Present	
AHCP	absent	
RCCC	Present	
Rear Heated Window	Present	
Key In Warning	Not used	
Auto On Comfort Enable	Not used	
Auto Park Brake Menu	Present	
Rear WSS Type	With Direction (3 levels)	
PDM PROXI	Has EOL	
Terrain selector modes	4 modes	
Speedometer Range	240	
Intersection Collision Assist	absent	
Acceleration Display	Not used	
Microphone Type	Peiker 300mv	
FOB Safe	Present	
TMC Pro	Not used	
Left Rear Open Circuit Disable	Set	
Auto Veh Hold Menu	Not used	
Power 3rd Row Recline	Not used	

CADM2 PROXI	hasn't EOL	
Front Driver Anchor Pretensioner	Present	
Emergency Stop Signalling	Not used	
Long Pressure Time	2	sec
Sound Horn Remote Start Menu	Present	
Switch Off Time	Not used	
Front Lateral Passenger Presence Detection	absent	
PDM	Present	
ICS PROXI	Has EOL	
Turbo Parameter MAX	Not used	
DAB Presence	absent	
Ambient Dimmer Switch	Present	
DTCM	Present	
Clutch interlock enable	Not used	
Key In Warning Trigger	Not used	
Logistic Mode	Present	
Driver Drowsy Alert	absent	
Front Central Passenger Presence Detection	Not used	
RKE	Present	
RRM VP LEVEL	R1_10.1" 1920x1200 (RHV)	
Temperature Display	Present	
Driver Seat Track Position	Present	
DRL Turn Light Strategy	absent	
Passenger's Knee Bag	Present	
SLMR	Present	
SLMR PROXI	Has EOL	
Auto Door Unlock Menu	Present	
TPMS Regulation Config	Logic 1 NHTSA Enable Warning	
Front Central Passenger Pretensioner	Not used	
Wheelbase	Type 2 (WL75	
Phase Diversity	absent	
Right Window Bag	Present	
Rear Central passenger Buckle Switch Pretensioner	Not used	
ORC PROXI	Has EOL	
Front Fog Lights Type	High End Fog light	
BSM FNCT 5 DST	Not used	
ORC	Present	
Comfort Closing Opening	absent	
Low Speed Collision Mitigation	Not used	
Full Automatic Parking System	Not used	
ORC Configuration Families	Not used	
Integrated Climate Touchscreen	Not used	
Sdars Presence	Present	
Tilt in Reverse Mirror	absent	

Tachograph	Not used	
Gear Box Paddles	Present	
Gear Box Type Variant	Type2 (850RE)	
Cell presence	Present	
Passive Entry Menu	Present	
PAM Radio Display	Not used	
HVAC Mode Type	Not used	
Heated Cold Start System	Not used	
AMP PROXI	Has EOL	
Rollover sensor	Not used	
Audio Brand	Alpine	
FOTA Type	Type1 - SGW, TBM,CADM, CADM2	
Projection Mode Selection	Not used	
Passenger Seat Track Position	Present	
Speedometer Tolerance	0	%
Phone Repetition	Present	
Lateral D Pillar Sensor	Present	
GALILEO Presence	Not used	
Trunk Door	Not used	
SRT	absent	
Front LED Turn Signal	Not used	
Inadvertent Light 2 PWM Enable	Not used	
Wiper Lever Type	Not used	
Rear Lateral Passengers Pretensioner	absent	
Engine Off Clear Time	120	minutes
IBS 2 Battery Type	1	-
Interior Lighting Night Threshold	240	LUX
IBS2 Quies. Current Limit	-250	mA
IBS2 Charge Current Limit	2500	mA
Washer Fluid Level Voltage Threshold	4.46	V
Heatsoak Set Time	10	seconds
Cornering Lamp Actuate Angle	100°	
Headlamps Washer Low Fluid Shut-off	Enable	
Auto Lock Speed Threshold	15	MPH
Front Turn Signal OFF Time 1	660	ms
Rear Turn Signal OFF Time 1	660	ms
Rear Turn Signal OFF Time 2	400	ms
Fobik Safe Alert Counter	2	-
Cornering Lamp Non-Actuate Angle	40°	
Relock Timeout	60	seconds
IBS Battery Capacity	63	Ah
IBS U00 Max	12.70	V
IBS2 Battery Capacity	63	Ah
Headlamp Wash Shot	double	

Illuminated Approach Interior Lighting Target Percentage	100 (50%)	
Front Turn Signal ON Time 1	660	ms
PE Relock Strategy	Enable	
Auto High Beam ON Threshold	35 km/hr	
IBS2 Minimum Volt Limit	10.0	V
IBS2 Battery Technology	0	-
Vehicle Moving Threshold	2	MPH
Tsync (Lighting)	260	ms
Throttle Position Threshold	12	%
Headlamp Wash Interval	11	Wash Cycles
IBS2 Minimum Charge Limit	35	%
IBS2 Battery ID Mode	0	-
Headlamp Soak Delay	3.0	seconds
IBS Quies. Current Limit	-250	mA
Front Turn Signal OFF Time 2	400	ms
Front Turn Signal ON Time 2	400	ms
Headlamp Wash Spray Duration	1100	ms
Rear Turn Signal ON Time 2	400	ms
KV	16	No Unit
Deceleration_OFF	2.5	m/s2
Illuminated Approach Interior Lighting Ramp Up Time	150 (3000 ms)	
IBS Minimum Charge Limit	35	%
Max Engine Off Time	150	minutes
IBS Minimum Volt Limit	10.0	V
IBS Battery ID Mode	0	-
Car Finder Time	8	seconds
X	3	No Units
Alert On Auth System Fault	Enable	
IBS2 U00 Max	12.70	V
Alert On No Reply	Enable	
Global Windows Open and Close Customer Setting	NOT_SET	
Heatsoak Flush Time	100	seconds
IBS2 Battery C0F	405000	°F
IBS Battery Type	22	-
Alert Search Timeout	Enable	
T_Xtion_filter	02	
Auto High Beam OFF Threshold	25 km/hr	
IBS Battery C0F	405000	°F
Interior Lighting Day Threshold	580	LUX
Headrest Release Time	450ms	
Heatsoak Speed	15	MPH
Ambient Stable Counter Limit	40	Counts
IBS Charge Current Limit	2500	mA

Rear Turn Signal ON Time 1	660	ms
Panic Alarm Time	3	minutes
IBS Battery Technology	0	-
Logistic Mode Manual Procedure	On	
Shipping Status	CUST_MD	
Lock the BCM	Locked	
ICM1	NOT_SET	
RVCM	Set	

HVAC CONFIGURATION

NAME	VALUE	UNITS
VIN LOCK State	Locked by odometer	
Vehicle Occupant - 74 vs. 75	6/7 Passengers	
Engine Stop Start	True	
Remote Start	True	

ICS CONFIGURATION

NAME	VALUE	UNITS
Single Zone Manual	False	
Parallel Parking Assist	False	
Sync	False	
Lane Departure Warning	False	
Dual Zone Auto with Radio	True	
Dual Zone Auto	False	
Front/Rear Parking Assist	False	
Heated Steering Wheel	True	
Eco	False	
Driver Side	Left	
Heated Seat	True	

RCCC CONFIGURATION

NAME	VALUE	UNITS
Sync	False	

SGW CONFIGURATION

NAME	VALUE	UNITS
CADM2 Presence	Not Present	
Nav Map In Cluster Presence	Not Present	
HCP Presence	Not Present	
EPS Presence	Present	
Model Year	2022 Model Year	
Vehicle Line Configuration	WL (65 Hex)	
ORC Presence	Present	
Autonomy Level	None/Level 1	

ECM Presence	Present	
BSM Presence	Present	
CADM Presence	Present	
FOTA Server Region	01: NAFTA	
TBM Presence	Present	
Gear Box Type	ATX	
TCM Presence	Present	
Hybrid Type	Not Applicable	
FOTA Type	Type 1-SGW,TBM,CADM,CADM2	

SLML CONFIGURATION

NAME	VALUE	UNITS
AVAC Function	True	

SLMR CONFIGURATION

NAME	VALUE	UNITS
AVAC Function	True	

RFH CONFIGURATION

NAME	VALUE	UNITS
VIN Locked	Locked by odometer	
VIN Odometer Counter	3	miles
Multiple Button Press Time Window	6	sec
Hysteresis Between Ignition States	2	sec
TPM Coast Period Timer configuration	1140.0	seconds
Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Rear Left Door Handle H/W	Serial AP	
Hardware Configuration: Rear Right Door Handle H/W	Serial AP	
Hardware Configuration: Remote Start Antenna	Present	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
PE Request Lock Out Timer Configuration	2.00	seconds
Vehicle Moving Threshold	2	MPH
Polling Timeout Timer (T3)	5	Days
Authorization Zone Entry/Exit Timer (Y2)	10	minutes
Detection Zone Entry/Exit Counter (X1)	3	
Keyfob In-Zone Timeout Timer (T1)	180	seconds
Polling Activation Timer (T5)	0	seconds
Polling With Location Timer (TP2)	700	ms
Polling Pause Timer (T4)	30	minutes
Polling Without Location Timer (TP1)	700	ms
Detection Zone Entry/Exit Timer (Y1)	10	minutes
Authorization Zone Entry/Exit Counter (X2)	4	
Keyfob Authorization Timeout Timer (T6)	45	seconds
Ignore Lowering Time	2000	ms

Backup Brake Pedal Time Configuration	00	ms
VIN LOCK State	Locked by odometer	
Extended Dwell Start/Stop Button Press Configuration	2000	ms
Start/Stop Button Debounce Period Configuration	30	ms
Start/Stop Button Stuck Switch Timeout Configuration	60	seconds
Back Up Mode Flash Duration Configuration	10	seconds
Vehicle Start Assertion Timer Configuration	5	seconds
Module Configuration counter	01	
Selectable Tire Fill Alert	True	
TPMS Regulation Configuration	Logic 1 NHTSA Enable Warning	
Country Code	2 = United States of America	
Hybrid Type	non-PHEV	
Autonomy Level	None/Level 1	
Keyless Go	True	
Module Configuration Status	True	
Tyre Pressure System	True	
Self Completing Start Enabled	False	
$0300 Programmed by	Programmed by FCA manufacturing	
Passive Entry	True	
Proximity PE Wakeup	False	
Passive Entry Types	2_Doors_PE	
Remote Start Present	False	
Safety Engine Off Strategy	True	
TPM Auto-Locate Enabled	True	
Wheelbase	2 = Long Wheelbase	
Long Pressure Time	2	sec
Secret Codes Programmed	True	
RKE	True	
Driver Side	Left Side	
Market Area	NAFTA	
VIN Successfully Programmed	Yes	
Fob Location #3 Successfully Programmed	No	
PIN Successfully Programmed	Yes	
Fob Location #2 Successfully Programmed	Yes	
Fob Location #8 Successfully Programmed	No	
Fob Location #7 Successfully Programmed	No	
Valid Key In Ignition	Yes	
Fob Location #1 Successfully Programmed	Yes	
Secret Key Sent to Body Controller - Original	Yes	
Secret Key Sent to Body Controller - Recent	Yes	
Fob Location #4 Successfully Programmed	No	
Secret Codes Ready	Yes	
Fob Location #5 Successfully Programmed	No	
RFHUB LOCKED (ISC, RSC, MSC LOCKED)	RFHM Locked after IAC write	

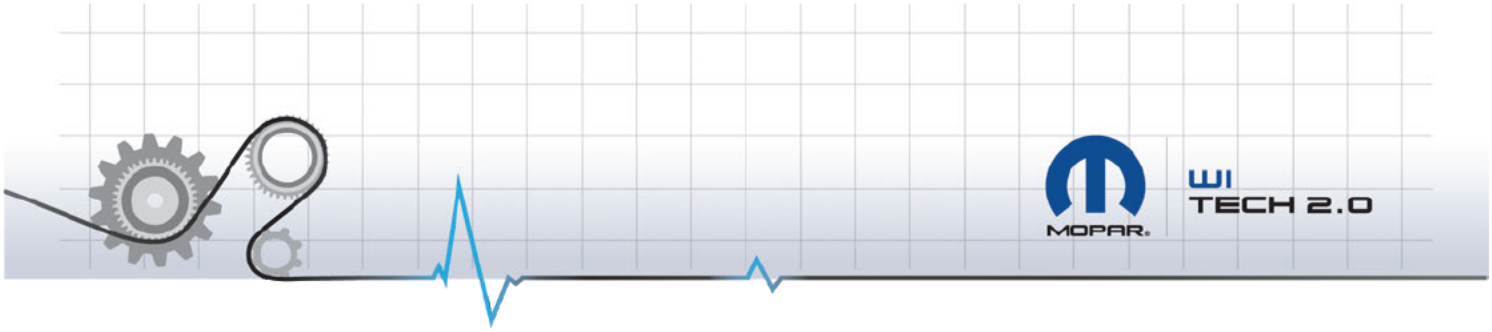
Fob Location #6 Successfully Programmed	No	
Ignition State Time Out Configuration	30	minutes
Back Up Mode Flash Rate Configuration	1.0	Hz

IPC CONFIGURATION

NAME	VALUE	UNITS
WL Highline	False	
Common	False	
WS 12 Inch	False	
WS 10 Inch	False	

ETM CONFIGURATION

NAME	VALUE	UNITS
CAN Architecture	Atlantis High	
Market Selection Configuration	00	
Splash Screen	Automatic	



ECU DETAILS REPORT

Vehicle 2022 JEEP GRAND CHEROKEE 3.6L V6 24V VVT ENGINE UPG I W/ESS
VIN [redacted]

Odometer 3.7 miles
Publication Date Jan 3, 2022, 8:27:50 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
ORC	Occupant Restraint	CAN-C	68518542AG	[redacted]	[redacted]	68518542AG
OCM	Occupant Classification	CAN-C	68361632AC	[redacted]	[redacted]	68361632AC
TCM	Transmission Control Module	CAN-C	68537576AG	[redacted]	[redacted]	68537576AG
DDM	Driver Door Module	CAN-I	68203031AH	[redacted]	[redacted]	
PCM	Powertrain Control Module	CAN-C	68537965AD	[redacted]	[redacted]	68537965AD
AMP	Amplifier	CAN-I	68549093AC	[redacted]	[redacted]	68549093AC
MSMD	Memory Seat Module - Driver	CAN-I	68579333AB	[redacted]	—	68579333AB
PDM	Passenger Door Module	CAN-I	68203030AH	[redacted]	[redacted]	
PLGM	Power Liftgate	CAN-I	68356645AJ	[redacted]	—	68356645AJ
DTCM	Drive Train Control Module	CAN-C	68589093AB	[redacted]	[redacted]	68589093AB
BCM	Body Controller	CAN-C	68374988AN	[redacted]	[redacted]	68374988AN
EPS	Electric Power Steering	CAN-C	68581306AC	[redacted]	—	68581306AC
SCCM	Steering Column Control Module	CAN-C	68351726AD	[redacted]	[redacted]	68351726AD
HVAC	Heat, Ventilation and A/C	CAN-I	68459040AJ	[redacted]	[redacted]	68459040AJ
ICS	Integrated Center Stack	CAN-I	68376525AC	[redacted]	[redacted]	68376525AC
RCCC	Rear Cabin Comfort Controls	CAN-I	68423840AC	[redacted]	[redacted]	
SGW	Security Gateway Module	CAN-C	68505573AF	[redacted]	[redacted]	68505573AF
RVCM	Rear View Camera Module	CAN-I	04672756AD			04672756AD
SLML	Smart Lighting Module Left	CAN-C	68405589AF	[redacted]	—	68405589AF
SLMR	Smart Lighting Module Right	CAN-C	68405589AF	[redacted]	—	68405589AF

ESM	Electronic Shifter	CAN-C	68423720AJ	[redacted]	[redacted]	68423720AJ
PAM	Parking Aid Module	CAN-C	68375592AH	[redacted]	[redacted]	
RFH	Radio Frequency Hub	CAN-C	68379519AL	[redacted]	—	68379519AL
IPC	Instrument Panel Cluster	CAN-C	68525326AI	[redacted]	[redacted]	68525326AI
ETM	Entertainment Telematic Module	CAN-I	68527730AC	[redacted]	[redacted]	68527730AC
DSM	Display Screen Module	CAN-I	68474166AG		[redacted]	68474166AG
TBM2	Telematic Box Module 2	CAN-C	68570137AE	[redacted]	[redacted]	50161449
BSCM	Brake System Control Module	CAN-C	68331267AI	[redacted]	[redacted]	68331267AI
CADM	Central ADAS Decision Module	CAN-C	04672797AQ	[redacted]	[redacted]	

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
ORC	United States of America	0	0	000200000000	
OCM	United States of America	1	4	9000	
TCM		0	1	000200000000	
DDM				9001	
PCM	USA	20 47	22 05 01	7F31	C67FCAC0
AMP	United States of America	1	4098	9020	
MSMD		96	57358	000200000002	
PDM				9001	
PLGM	—	1	5085	000200000034	
DTCM		0	1281	000200000015	
BCM	United States of America	198	5410	000200000000	
EPS		1	1	000200000020	
SCCM		0	5	000200000000	
HVAC	United States of America	1	2053	9103	
ICS	United States of America	0	1285	9100	
RCCC	United States of America			9001	
SGW		193	12290	000200000001	
RVCM		1	3	000200000000	
SLML		50	59417	000200000000	
SLMR		50	59417	000200000000	
ESM		4	6640	000200000016	
PAM		0	15	000200000000	
RFH		4	8195	000200000001	
IPC		131	21302	00020000000A	
ETM		65	6147	000200000008	
DSM	—	7	4112	9100	
TBM2		32	8224	000200000008	
BSCM	United States of America	0	4689	000200000000	

CADM	United States of America	5	2	000100000000

ECU DETAILS

ORC DETAILS

NAME	VALUE
(0xF1B0) VIN Current	[redacted]
EBOM ECU Part Number	68518542AG
VIN Original	[redacted]

OCM DETAILS

NAME	VALUE
ECU Part Number	68361632AC
Diagnostic Variant	90
Diagnostic Version	00
Hardware Part Number	28752187
Software Part Number	28727097
Vehicle Line	WL
Car Shape Configuration	Type 3 (SUV)
Country Code	United States of America

TCM DETAILS

NAME	VALUE
Diagnostic Version	00 00 00 00
Diagnostic Variant	00 02
Vehicle Line	WL (65 Hex)
Body Style	SUV
Model Year	2022
Country Code	United States of America
VIN Current	[redacted]
Supplier Option	29
Day of Year	295
Sequence number	531450
Data Identifier	T
Calendar Year	1
EBOM ECU Part Number	68537576AG
VIN Original	[redacted]

DDM DETAILS

NAME	VALUE
Software Part Number	68203031AH
VIN Original	[redacted]
Diagnostic Version	01
Diagnostic Variant ID	90
VIN Current	[redacted]

ECU Part Number	68203031AH
Hardware Part Number	68203031AH

PCM DETAILS

NAME	VALUE
VIN Current	[redacted]
Hardware Version (Major/Minor)	20 47
Software Version (Major/Middle/Minor)	22 05 01
Variant ID	7F
Supplier ID	Delphi
Diagnostic Version	31
ECU Part Number	68537965AD
VIN - Original	[redacted]
Serial Number	TDT23338101651
Odometer When Original VIN First Written	2668768948.7216
Body Style	4-Door Mega Pickup
Model Year	22
Vehicle Line	65
Country Code	USA

AMP DETAILS

NAME	VALUE
Diagnostic Variant ID	90
ECU ID	46
Supplier ID	Alpine
Diagnostic Version	20
ECU Part Number	68549093AC
ECU Software Version Number	4098
ECU Hardware Version Number	1
ECU Software Number	2021053100
ECU Hardware Number	2021010600
V.I.N.	[redacted]
Country Code	United States of America
Model Year	2022
Vehicle Line Configuration	65
Car Shape Configuration	08

MSMD DETAILS

NAME	VALUE
ECU Life Time	219
VIN LOCK State	Locked by odometer
Hardware Supplier Identification	Kostal
Software Supplier Identification	Kostal
EBOM ECU Part Number	68579333AB

VIN Current	[redacted]
Active Diagnostic Session	01
SW - week	14
SW - Identification	20 20 20 20 20 20 20 20 20 20
SW- Year	2020
SW - Patch Level	01
Number of Boot Software Logical Blocks	1
Configuration Code	00000027843
Supplier ID	Kostal
Diagnostic Variant	00 02
Diagnostic Version	00 00 00 02
Flash Definition Number (FDN)	00 01
Calendar Year	1
Day of Year	316
Component Code	LK
Sequence number	005890
Data Identifier	T

PDM DETAILS

NAME	VALUE
ECU ID	17
Diagnostic Version	01
Diagnostic Variant ID	90
VIN Current	[redacted]
Hardware Part Number	68203030AH
ECU Part Number	68203030AH
VIN Original	[redacted]
Software Part Number	68203030AH

PLGM DETAILS

NAME	VALUE
VIN Current	[redacted]
Diagnostic Version	00 00 00 34
Diagnostic Variant	00 02
Supplier Manufacturer ECU Hardware Part Number	24101316AA
Supplier Manufacturer ECU Hardware Version Number	1

DTCM DETAILS

NAME	VALUE
VIN LOCK State	Locked by odometer
TransferCase Serial Number	
VIN Current	[redacted]
Application Software Fingerprint Writing - Programming Year	—
Application Software Fingerprint Writing - Programming Month	—

Application Software Fingerprint Writing – Active Logical Block	—
Application Software Fingerprint Writing - Diagnostic Tool Serial Number	—
Application Software Fingerprint Writing - Programming Day	—
Application Software Logical Block #1 Version Information - Week	26
Application Software Logical Block #1 Version Information - Year	2021
Number of Application SW Logical Blocks	1
Application Software Logical Block #1 Version Information - Patch Level	90
Application Software Logical Block #1 Version Information - Identification	00 00 05 00 00 01 00 00 00 20
Supplier Manufacturer ECU Software Version Number	1281
SW - week	6
SW- Year	21
Number of Boot Software Logical Blocks	1
SW - Patch Level	00
SW - Identification	00 01 01 00 00 00 00 00 00 00
Supplier Manufacturer ECU Software Part Number	M0136569
EBOM ECU Part Number	68589093AB
Supplier Manufacturer ECU Hardware Part Number	M0123377
Supplier Manufacturer ECU Hardware Version Number	0
ECU Serial Number - Data Identifier	T
ECU Serial Number - Component Code	DI
ECU Serial Number - Sequence Number	058000
ECU Serial Number - Supplier Option	1F
ECU Serial Number - Day of Year	223
ECU Serial Number - Calendar Year	1
Software Supplier Identification	Magna
EBOM Assembly Part Number	68589091AB
Hardware Supplier Identification	Magna
Software Part Number	68589093AB
VIN Original	[redacted]
Diagnostic Variant	00 02
Diagnostic Version	00 00 00 15

BCM DETAILS

NAME	VALUE
Supplier Manufacturer ECU Software Part Number	21340F00000
FCA ESLM ECU Software Application Number	21340F0000
VIN Current	[redacted]
Software Supplier Identification	Continental
CODEP ECU Part Number	68374988AN
FCA ESLM ECU Hardware Number	A2C77219602
Hardware Supplier Identification	Continental
Supplier Manufacturer ECU Hardware Part Number	A2C77219607
Diagnostic Variant	00 02
Supplier ID	Continental

Diagnostic Version	00 00 00 00
EBOM Assembly Part Number	68374988AN
VIN Original	[redacted]
Supplier Manufacturer ECU Software Version Number	5410
EBOM ECU Part Number	68374988AN
Supplier Manufacturer ECU Hardware Version Number	198

EPS DETAILS

NAME	VALUE
(0xF1B0) VIN Current	[redacted]
VIN Original	—
EBOM ECU Part Number	68581306AC

SCCM DETAILS

NAME	VALUE
(0xF1B0) VIN Current	[redacted]
EBOM ECU Part Number	68351726AD
VIN Original	[redacted]

HVAC DETAILS

NAME	VALUE
Vehicle Manufacturer ECU Hardware Number	
Vehicle Manufacturer ECU Software Number	85180621AJ
ECU Serial Number Day of Year	309
ECU Serial Number Data Identifier	T
ECU Serial Number Supplier Option	KD
ECU Serial Number Calendar Year	1
ECU Serial Number Sequence Number	005160
ECU Serial Number Component Code	KA
Homologation Code	
Boot Software Fingerprint - Module ID	1
Boot Software Fingerprint - Programming Date year	2020
Boot Software Fingerprint - Programming Date day	13
Boot Software Fingerprint - Programming Date month	04
ECU ID	152
Supplier ID	Erae/Estra
Diagnostic Variant ID	91
Diagnostic Version	03
ISO Code	20 20 20 20 20
Model Year	2022
Vehicle Line Configuration	WL
Car Shape Configuration	08
Country Code	United States of America

ICS DETAILS

NAME	VALUE
Manufacturer ECU Software Number	WLF001_0505
ECU Software Number	WLF001_0505
Diagnostic Variant ID	91
Diagnostic Version	00
Country Code	United States of America
Vehicle Line Configuration	65
Model Year	2022
ECU Serial Number	T00002941003680
ECU Software Version Number	1285
ECU Part Number	68376525AC
VIN Current	[redacted]
ECU Hardware Version Number	0
VIN Original	[redacted]
ECU Hardware Number	23715027225

RCCC DETAILS

NAME	VALUE
Diagnostic Version	01
Diagnostic Variant ID	90
VIN Original	[redacted]
ECU Software Version Number	1285
ECU Hardware Version Number	0
ECU Software Number	WLR001_0505
ECU Serial Number	T00003211044690
ECU Hardware Number	23715029540

SGW DETAILS

NAME	VALUE
Hardware Supplier Identification	Bosch
Supplier Manufacturer ECU Hardware Part Number	6002JE1905
Diagnostic Variant	00 02
Diagnostic Version	00 00 00 01
Supplier ID	Bosch
Supplier Manufacturer ECU Software Version Number	12290
Supplier Manufacturer ECU Hardware Version Number	193
Supplier Manufacturer ECU Software Part Number	6002JY0000
VIN Current	[redacted]
Active Diagnostic Session	03
Software Supplier Identification	Bosch
Part Number	6002JE1905

RVCM DETAILS

NAME	VALUE
Diagnostic Version	00 00 00 00
Diagnostic Variant	00 02
Software Supplier Identification	Magna
EBOM ECU Part Number	04672756AD
VIN Original	
Component Code	35
Data Identifier	2
Calendar Year	7
Day of Year	039
Supplier Option	13
Sequence number	
Hardware Supplier Identification	Magna
ECU Identification - Hardware Part Number	

SLML DETAILS

NAME	VALUE
VIN Current	[redacted]
Supplier ID	Automotive Lighting
Diagnostic Version	00 00 00 00
Diagnostic Variant	00 02
EBOM ECU Part Number	68405589AF

SLMR DETAILS

NAME	VALUE
Supplier ID	Automotive Lighting
Diagnostic Version	00 00 00 00
Diagnostic Variant	00 02
VIN Current	[redacted]
EBOM ECU Part Number	68405589AF

ESM DETAILS

NAME	VALUE
VIN Current	[redacted]
Application Software Logical Block #1 Version Information - Week	26
Application Software Logical Block #1 Version Information - Identification	20 20 20 20 20 20 36 36 34 30
Application Software Logical Block #1 Version Information - Year	21
Application Software Logical Block #1 Version Information - Patch Level	00
Hardware Supplier Identification	ZF
Software Supplier Identification	ZF
VIN Original	[redacted]
EBOM ECU Part Number	68423720AJ
Diagnostic Variant	00 02
Supplier ID	ZF

Diagnostic Version	00 00 00 16
Data Identifier	T

PAM DETAILS

NAME	VALUE
VIN Current	[redacted]
VIN Original	[redacted]
EBOM ECU Part Number	68375592AH

RFH DETAILS

NAME	VALUE
Supplier Manufacturer ECU Software Version Number	8195
VIN Current	[redacted]
Supplier Manufacturer ECU Hardware Version Number	4
Supplier Manufacturer ECU Hardware Part Number	A2C77356203
Flash Definition Number (FDN)	13 34
Diagnostic Version	00 00 00 01
Supplier ID	Continental
Diagnostic Variant	00 02
Calendar Year	1
Day of Year	324
Component Code	RI
Sequence number	B08850
Data Identifier	T
Supplier Option	00
(0xF132) EBOM ECU Part Number	68379519AL
(0xF191) FCA ESLM ECU Hardware Number	
(0xF187) Codep ECU Part Number	
(0xF18A) FCA ESLM ECU Software Calibration Number	
(0xF18B) FCA ESLM ECU Software Application Number	
(0xF188) FCA ESLM ECU Software Number	

IPC DETAILS

NAME	VALUE
Odometer at last flash programming	20620
EBOM ECU Part Number	68525326AI
Odometer Last Clear Data Trouble Code (DTC)	86783
Front Axle Nominal Tire Pressure	0.0000
Supplier Manufacturer ECU Hardware Part Number	68525326AI
Rear Axle Nominal Tire Pressure	0.0000
Supplier Manufacturer ECU Hardware Version Number	131
VIN Current	[redacted]
Supplier Manufacturer ECU Software Version Number	21302
Software Supplier Identification	Nippon Seiki (NS Intl)

VIN Original	[redacted]
Diagnostic Version	00 00 00 0A
Diagnostic Variant	00 02
Supplier ID	Nippon Seiki (NS Intl)
EBOM Assembly Part Number	68525326AI
Supplier Manufacturer ECU Software Part Number	68525324AI
Hardware Supplier Identification	Nippon Seiki (NS Intl)

ETM DETAILS

NAME	VALUE
VIN Original	[redacted]
ECU Serial Number - Supplier Option	00
ECU Serial Number - Component Code	12
ECU Serial Number - Data Identifier	T
ECU Serial Number - Day of Year	335
ECU Serial Number - Calendar Year	1
ECU Serial Number - Sequence Number	725030
Supplier ID	Harman
Diagnostic Version	00 00 00 08
Diagnostic Variant	00 02

DSM DETAILS

NAME	VALUE
ECU Hardware Number	D21070700E
System Supplier ECU Software Version Number	4112
ECU Part Number	68474166AG
ECU Serial Number	Z1AA3141Y02140
Hardware Part Number	68474166AG
System Supplier ECU Software Number	A21171010E
VIN Original	[redacted]
System Supplier ECU Hardware Version Number	7
Software Part Number	68474166AG
ECU ID	131
Diagnostic Variant ID	91
Diagnostic Version	00

TBM2 DETAILS

NAME	VALUE
IMEI (International Mobile Equipment Identity) Number	015857001496153
SIM Identifier ICCID	89011704272535366574
Radio Access Technology	4G
Network Registration Status	Registered to HOME NETWORK
IMSI (International Mobile Subscriber Identity) Number	310170253536657
VIN Original	[redacted]

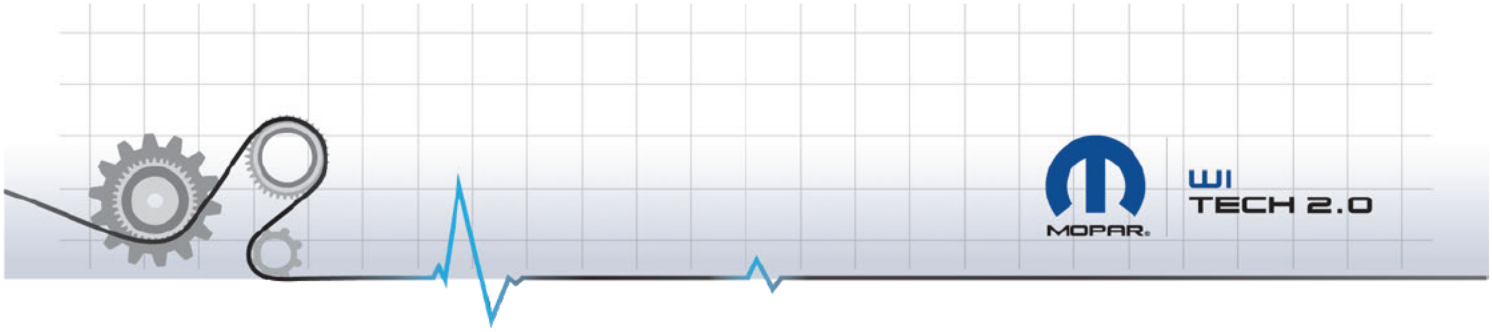
VIN Current	[redacted]
Sequence number	000810
Supplier Option	F0
Component Code	34
ECU Serial Number	T
Calendar Year	1
Day of Year	337

BSCM DETAILS

NAME	VALUE
EBOM ECU Part Number	68331267AI
VIN Original	[redacted]
VIN Current	[redacted]

CADM DETAILS

NAME	VALUE
VIN Current	[redacted]
EBOM ECU Part Number	04672797AQ
VIN Original	[redacted]



VEHICLE SCAN REPORT

Vehicle 2022 JEEP GRAND CHEROKEE 3.6L V6 24V VVT ENGINE UPG I W/ESS
VIN [redacted]

Odometer 3.7 miles
Publication Date Jan 3, 2022, 8:23:46 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
ORC	Occupant Restraint	CAN-C	68518542AG	[redacted]	[redacted]	68518542AG
OCM	Occupant Classification	CAN-C	68361632AC	[redacted]	[redacted]	68361632AC
TCM	Transmission Control Module	CAN-C	68537576AG	[redacted]	[redacted]	68537576AG
DDM	Driver Door Module	CAN-I	68203031AH	[redacted]	[redacted]	
PCM	Powertrain Control Module	CAN-C	68537965AD	[redacted]	[redacted]	68537965AD
AMP	Amplifier	CAN-I	68549093AC	[redacted]	[redacted]	68549093AC
MSMD	Memory Seat Module - Driver	CAN-I	68579333AB	[redacted]	—	68579333AB
PDM	Passenger Door Module	CAN-I	68203030AH	[redacted]	[redacted]	
PLGM	Power Liftgate	CAN-I	68356645AJ	[redacted]	—	68356645AJ
DTCM	Drive Train Control Module	CAN-C	68589093AB	[redacted]	[redacted]	68589093AB
BCM	Body Controller	CAN-C	68374988AN	[redacted]	[redacted]	68374988AN
EPS	Electric Power Steering	CAN-C	68581306AC	[redacted]	—	68581306AC
SCCM	Steering Column Control Module	CAN-C	68351726AD	[redacted]	[redacted]	68351726AD
HVAC	Heat, Ventilation and A/C	CAN-I	68459040AJ	[redacted]	[redacted]	68459040AJ
ICS	Integrated Center Stack	CAN-I	68376525AC	[redacted]	[redacted]	68376525AC
RCCC	Rear Cabin Comfort Controls	CAN-I	68423840AC	[redacted]	[redacted]	
SGW	Security Gateway Module	CAN-C	68505573AF	[redacted]	[redacted]	68505573AF
RVCM	Rear View Camera Module	CAN-I	04672756AD			04672756AD
SLML	Smart Lighting Module Left	CAN-C	68405589AF	[redacted]	—	68405589AF
SLMR	Smart Lighting Module Right	CAN-C	68405589AF	[redacted]	—	68405589AF

ESM	Electronic Shifter	CAN-C	68423720AJ	[redacted]	[redacted]	68423720AJ
PAM	Parking Aid Module	CAN-C	68375592AH	[redacted]	[redacted]	
RFH	Radio Frequency Hub	CAN-C	68379519AL	[redacted]	—	68379519AL
IPC	Instrument Panel Cluster	CAN-C	68525326AI	[redacted]	[redacted]	68525326AI
ETM	Entertainment Telematic Module	CAN-I	68527730AC	[redacted]	[redacted]	68527730AC
DSM	Display Screen Module	CAN-I	68474166AG		[redacted]	68474166AG
TBM2	Telematic Box Module 2	CAN-C	68570137AE	[redacted]	[redacted]	50161449
BSCM	Brake System Control Module	CAN-C	68331267AI	[redacted]	[redacted]	68331267AI
CADM	Central ADAS Decision Module	CAN-C	04672797AQ	[redacted]	[redacted]	

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
ORC	United States of America	0	0	000200000000	
OCM	United States of America	1	4	9000	
TCM		0	1	000200000000	
DDM				9001	
PCM	USA	20 47	22 05 01	7F31	C67FCAC0
AMP	United States of America	1	4098	9020	
MSMD		96	57358	000200000002	
PDM				9001	
PLGM	—	1	5085	000200000034	
DTCM		0	1281	000200000015	
BCM	United States of America	198	5410	000200000000	
EPS		1	1	000200000020	
SCCM		0	5	000200000000	
HVAC	United States of America	1	2053	9103	
ICS	United States of America	0	1285	9100	
RCCC	United States of America			9001	
SGW		193	12290	000200000001	
RVCM		1	3	000200000000	
SLML		50	59417	000200000000	
SLMR		50	59417	000200000000	
ESM		4	6640	000200000016	
PAM		0	15	000200000000	
RFH		4	8195	000200000001	
IPC		131	21302	00020000000A	
ETM		65	6147	000200000008	
DSM	—	7	4112	9100	
TBM2		32	8224	000200000008	
BSCM	United States of America	0	4689	000200000000	

CADM	United States of America	5	2	000100000000

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
ORC	B2199-17	Battery Voltage-Circuit Voltage Above Threshold	Stored
OCM	B210A-00	System Voltage Low-	Stored
TCM	P0562-00	System Voltage Low-	Stored
TCM	P1DB1-00	TCM System Voltage Excessively Low-	Stored
TCM	U0422-00	Implausible Data Received From Body Control Module-	Stored
DDM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
DDM	B210C-16	Battery Voltage Input-Circuit Voltage Below Threshold	Stored
AMP	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
AMP	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
MSMD	B210A-84	System Voltage Low-Signal Below Allowable Range	Stored
MSMD	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
PDM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
PDM	B210C-16	Battery Voltage Input-Circuit Voltage Below Threshold	Stored
PLGM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
DTCM	C1455-16	AWD Clutch Power Control-Circuit Voltage Below Threshold	Stored
DTCM	U0140-87	Lost Communication With Body Control Module-Missing Message	Stored
BCM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
BCM	B2204-00	ECU Configuration Mismatch-	Stored
BCM	B2204-87	ECU Configuration Mismatch-Missing Message	Stored
BCM	U0131-00	Lost Communication With Power Steering Control Module "A"-	Stored
EPS	C1593-00	Steering Torque Sensor Circuit-	Stored
EPS	C2129-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
SCCM	C2129-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
SCCM	C212A-16	System Voltage-Circuit Voltage Below Threshold	Stored
HVAC	B210D-84	Battery Voltage Low-Signal Below Allowable Range	Stored
ICS	B210D-16	Battery Voltage Low-Circuit Voltage Below Threshold	Stored
RCCC	B210D-16	Battery Voltage Low-Circuit Voltage Below Threshold	Stored
SGW	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
SGW	U0089-00	Ethernet Bus 2-	Stored
SLML	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
SLMR	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
ESM	P1C8C-16	System Voltage-Circuit Voltage Below Threshold	Stored
ESM	P1C8B-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
PAM	B210C-16	Battery Voltage Input-Circuit Voltage Below Threshold	Stored
PAM	U0131-00	Lost Communication With Power Steering Control Module "A"-	Stored
PAM	U0422-00	Implausible Data Received From Body Control Module-	Stored
IPC	B210A-00	System Voltage Low-	Stored
IPC	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
IPC	U0131-00	Lost Communication With Power Steering Control Module "A"-	Stored
ETM	B210A-00	System Voltage Low-	Stored

ETM	B217A-9A	Rear Camera-Component or System Operating Conditions	Stored
ETM	U0565-00	Implausible Data Received From Rear Camera Module-	Stored
DSM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
DSM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
TBM2	B210D-16	Battery Voltage Low-Circuit Voltage Below Threshold	Stored
BSCM	C2100-00	Battery Voltage Low-	Stored
BSCM	C2102-00	System Voltage Low-	Stored
BSCM	C2129-00	Battery Voltage-	Stored
BSCM	C221F-00	ECU Not Initialized-	Stored
BSCM	U1057-00	High Speed FD-CAN3 Communication Bus Performance-	Stored
BSCM	U0420-00	Invalid Data Received from Power Steering Control Module "A"-	Stored
BSCM	C121A-00	Steering Angle Sensor Not Initialized-	Stored
CADM	C2129-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
CADM	C2227-00	ABS Disabled ECU-	Stored
CADM	U0418-00	Implausible Data Received From Brake System Control Module 1-	Stored
CADM	U0420-00	Invalid Data Received from Power Steering Control Module "A"-	Stored

ENVIRONMENTAL DATA SUMMARY

ORC | B2199-17 | Stored | Battery Voltage-Circuit Voltage Above Threshold

NAME	VALUE	UNITS

OCM | B210A-00 | Stored | System Voltage Low-

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
Event Counter	Event counter for clear DTC memory	
Cycle to Switch Warning Lamp OFF	Error Not Present	
DTC Failure Type Byte	00	
Vehicle Speed	0.000	MPH
IGN Cycle Counter	4	Counts
Ignition run timer (seconds)	2	%
Odometer	3.7	miles
Battery Voltage	5.8	Volts
Sensed Temperature	87	Counts
Pressure Sensor Raw Value	37	Counts
Pressure Sensor Filtered Value	37	Counts
Pressure Sensor Relative Value	0	Counts
Ambient Temperature (ExternalTemperature)	45	°F
Passenger Seat Occupant Classification Status	Empty or RFIS	
Passenger Seat Belt Reminder Classification Status	Empty or RFIS	
Sensor Status	OK	
System Status	OK	
Sensor Type	Pressure Sensor Chip 1	

TCM | P0562-00 | Stored | System Voltage Low-

NAME	VALUE	UNITS
DTC	05 62 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Aging Counter ID	60 80	
Aging Counter	28	
Frequency Counter ID	60 90	
Cycles to switch-off the warning Indication ID	60 81	
Virtual cycle WL off	3	
Occurrence flag	ERROR	
Original Odometer Value	0	miles
Most Recent Odometer Value	0	miles
Frequency Counter	2	
Ignition Cycle Counter	0	
Good Trip Up Counter	0	No Unit
Warmup Up Counter	0	No Unit

TCM | P1DB1-00 | Stored | TCM System Voltage Excessively Low-

NAME	VALUE	UNITS
DTC	1D B1 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Aging Counter ID	60 80	
Aging Counter	28	
Frequency Counter ID	60 90	
Cycles to switch-off the warning Indication ID	60 81	
Virtual cycle WL off	3	
Occurrence flag	ERROR	
Original Odometer Value	0	miles
Most Recent Odometer Value	0	miles
Frequency Counter	2	

Ignition Cycle Counter	0	
Good Trip Up Counter	0	No Unit
Warmup Up Counter	0	No Unit

TCM | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS
DTC	C4 22 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Aging Counter ID		
Aging Counter		
Frequency Counter ID		
Cycles to switch-off the warning Indication ID		
Virtual cycle WL off		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Good Trip Up Counter		No Unit
Warmup Up Counter		No Unit

DDM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS

DDM | B210C-16 | Stored | Battery Voltage Input-Circuit Voltage Below Threshold

NAME	VALUE	UNITS

AMP | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTCTable	A1 99 16	
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	

DTCExtendedDataRecordNumber	Record $01-$8f	
Record Data Identifier $6080	60 80	
Event Counter	38	Number
Record Data Identifier $6081	60 81	
Cycle to Switch Warning Lamp OFF	3 = error present (3 cycle consecutive for switch MIL OFF) 0 = error Not present 1..2 = number cycle consecutive for switch MIL OFF	

AMP | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
DTCTable	A1 DD 84	
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	Record $01-$8f	
Record Data Identifier $6080	60 80	
Event Counter	38	Number
Record Data Identifier $6081	60 81	
Cycle to Switch Warning Lamp OFF	3 = error present (3 cycle consecutive for switch MIL OFF) 0 = error Not present 1..2 = number cycle consecutive for switch MIL OFF	

MSMD | B210A-84 | Stored | System Voltage Low-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	A1 0A 84	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
ExtendedDataRecordNumber	01	
Aging Counter ID	80 60	
Aging Counter	27	
Frequency Counter ID	90 60	
DID DataObject	01	
Cycles to switch-off the warning Indication ID	81 60	
Virtual cycle WL off	0	
Most Recent Odometer Value	0	miles
Number of ECU hard resets since latest calibration	1	S
Calibration Version	03 09 00 01	

Front Hard Stop - Current	33342	Counts
Rear Hard Stop - Current	32000	Counts
Horizontal Learned Seat Travel - Current	1342	Counts
Destandardization Reason	Diagnostics	
Front Hard Stop - Pre-destandardization	No Signal	Counts
Rear Hard Stop - Pre-destandardization	No Signal	Counts
Front Hard Stop - Post-standardization	0	Counts
Rear Hard Stop - Post-standardization	0	Counts
Front Hard Stop - Peak Post-standardization	0	Counts
Rear Hard Stop - Peak Post-standardization	0	Counts
ECU Voltage	5.4	V
ECU Time since Ignition ON	60	sec
Horizontal motor output failure	No failure	
Recliner motor output failure	No failure	
Vertical Front motor output failure	No failure	
Vertical Rear motor output failure	No failure	
Horizontal Headrest motor output failure	No failure	
Vertical Headrest motor output failure	No failure	
Adj Pedal motor output failure	No failure	
Tilt motor output failure	No failure	
Telescope motor output failure	No failure	
Extender motor output failure	No failure	
Horizontal motor - Control Circuit Performance	None	
Recliner motor - Control Circuit Performance	None	
Vertical Front motor - Control Circuit Performance	None	
Vertical Rear motor - Control Circuit Performance	None	
Horizontal Headrest motor - Control Circuit Performance	None	
Vertical Headrest motor - Control Circuit Performance	None	
Adj Pedal motor - Control Circuit Performance	None	
Tilt motor - Control Circuit Performance	None	
Telescope motor - Control Circuit Performance	None	
Extender motor - Control Circuit Performance	None	
Position Horizontal	32387	Counts
Position Recliner	32466	Counts
Position Vertical Front	32275	Counts
Position Vertical Rear	32559	Counts
Position Horizontal Headrest	Undefined	Counts
Position Vertical Headrest	Undefined	Counts
Position Adj Pedal	Undefined	Counts
Position Tilt	Undefined	Counts
Position Telescope	Undefined	Counts
Position Extender	Undefined	Counts
Movement Direction - Horizontal Motor	Motor not moving	
Movement Direction - Recliner Motor	Motor not moving	

Movement Direction - Vertical Front Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	
Movement Direction - HorizontalHeadrest	Motor not moving	
Movement Direction - VerticalHeadrest	Motor not moving	
Movement Direction - AdjPedal	Motor not moving	
Movement Direction - Tilt	Motor not moving	
Movement Direction - Telescope	Motor not moving	
Movement Direction - Extender	Motor not moving	
ECU configuration - Vehicle Line	WL	
ECU configuration - Horizontal Headrest	False	
ECU configuration - Vertical Headrest	False	
ECU configuration - Adjustable Pedals	False	
ECU configuration - Telescope/Tilt	False	
ECU configuration - Extender	False	
ECU configuration - Memory Seat	True	
ECU configuration - Stow n Assist	False	

MSMD | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 99 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
ExtendedDataRecordNumber	01	
Aging Counter ID	80 60	
Aging Counter	27	
Frequency Counter ID	90 60	
DID DataObject	03	
Cycles to switch-off the warning Indication ID	81 60	
Virtual cycle WL off	0	
Most Recent Odometer Value	0	miles
Number of ECU hard resets since latest calibration	1	S
Calibration Version	03 09 00 01	
Front Hard Stop - Current	33342	Counts
Rear Hard Stop - Current	32000	Counts
Horizontal Learned Seat Travel - Current	1342	Counts
Destandardization Reason	Diagnostics	
Front Hard Stop - Pre-destandardization	No Signal	Counts
Rear Hard Stop - Pre-destandardization	No Signal	Counts

Front Hard Stop - Post-standardization	0	Counts
Rear Hard Stop - Post-standardization	0	Counts
Front Hard Stop - Peak Post-standardization	0	Counts
Rear Hard Stop - Peak Post-standardization	0	Counts
ECU Voltage	5.3	V
ECU Time since Ignition ON	0	sec
Horizontal motor output failure	No failure	
Recliner motor output failure	No failure	
Vertical Front motor output failure	No failure	
Vertical Rear motor output failure	No failure	
Horizontal Headrest motor output failure	No failure	
Vertical Headrest motor output failure	No failure	
Adj Pedal motor output failure	No failure	
Tilt motor output failure	No failure	
Telescope motor output failure	No failure	
Extender motor output failure	No failure	
Horizontal motor - Control Circuit Performance	None	
Recliner motor - Control Circuit Performance	None	
Vertical Front motor - Control Circuit Performance	None	
Vertical Rear motor - Control Circuit Performance	None	
Horizontal Headrest motor - Control Circuit Performance	None	
Vertical Headrest motor - Control Circuit Performance	None	
Adj Pedal motor - Control Circuit Performance	None	
Tilt motor - Control Circuit Performance	None	
Telescope motor - Control Circuit Performance	None	
Extender motor - Control Circuit Performance	None	
Position Horizontal	32387	Counts
Position Recliner	32466	Counts
Position Vertical Front	32275	Counts
Position Vertical Rear	32559	Counts
Position Horizontal Headrest	Undefined	Counts
Position Vertical Headrest	Undefined	Counts
Position Adj Pedal	Undefined	Counts
Position Tilt	Undefined	Counts
Position Telescope	Undefined	Counts
Position Extender	Undefined	Counts
Movement Direction - Horizontal Motor	Motor not moving	
Movement Direction - Recliner Motor	Motor not moving	
Movement Direction - Vertical Front Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	
Movement Direction - HorizontalHeadrest	Motor not moving	
Movement Direction - VerticalHeadrest	Motor not moving	
Movement Direction - AdjPedal	Motor not moving	
Movement Direction - Tilt	Motor not moving	

Movement Direction - Telescope	Motor not moving	
Movement Direction - Extender	Motor not moving	
ECU configuration - Vehicle Line	WL	
ECU configuration - Horizontal Headrest	False	
ECU configuration - Vertical Headrest	False	
ECU configuration - Adjustable Pedals	False	
ECU configuration - Telescope/Tilt	False	
ECU configuration - Extender	False	
ECU configuration - Memory Seat	True	
ECU configuration - Stow n Assist	False	

PDM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS

PDM | B210C-16 | Stored | Battery Voltage Input-Circuit Voltage Below Threshold

NAME	VALUE	UNITS

PLGM | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS

DTCM | C1455-16 | Stored | AWD Clutch Power Control-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	54 55 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Aging Counter ID	60 80	
Aging Counter	26	
Frequency Counter ID	60 90	
DID DataObject	01	
Cycles to switch-off the warning Indication ID	60 81	
Virtual cycle WL off	0	
MPT Software Version DID ID	FD 00	
Software Version	05 01 00	
Parameter Patch	144	
First Event ID That Triggered The DTC DID ID	FD 03	
First Event ID That Triggered The DTC	154	
Original Odometer DID ID	FD 04	
Odometer When The DTC/Event Was Triggered The First Time	4	miles

Original Odometer DID ID	FD 05	
Most Recent Odometer	4	miles
Ignition Cycle Count Since The DTC Became Active For The First Time DID ID	FD 06	
Original System Up Counter	15.00	sec

DTCM | U0140-87 | Stored | Lost Communication With Body Control Module-Missing Message

NAME	VALUE	UNITS
DTC	C1 40 87	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Aging Counter ID	60 80	
Aging Counter	27	
Frequency Counter ID	60 90	
DID DataObject	01	
Cycles to switch-off the warning Indication ID	60 81	
Virtual cycle WL off	0	
MPT Software Version DID ID	FD 00	
Software Version	05 01 00	
Parameter Patch	144	
First Event ID That Triggered The DTC DID ID	FD 03	
First Event ID That Triggered The DTC	1	
Original Odometer DID ID	FD 04	
Odometer When The DTC/Event Was Triggered The First Time	4	miles
Original Odometer DID ID	FD 05	
Most Recent Odometer	4	miles
Ignition Cycle Count Since The DTC Became Active For The First Time DID ID	FD 06	
Original System Up Counter	3254.60	sec

BCM | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 99 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	

Aging Counter ID	60 80	
Aging Counter	27	
Frequency Counter ID	60 90	
Cycles to switch-off the warning Indication ID	60 81	
Virtual cycle WL off	0	

BCM | B2204-00 | Stored | ECU Configuration Mismatch-

NAME	VALUE	UNITS
DTC	A2 04 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Aging Counter ID	60 80	
Aging Counter	27	
Frequency Counter ID	60 90	
Cycles to switch-off the warning Indication ID	60 81	
Virtual cycle WL off	0	

BCM | B2204-87 | Stored | ECU Configuration Mismatch-Missing Message

NAME	VALUE	UNITS
DTC	A2 04 87	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Aging Counter ID	60 80	
Aging Counter	27	
Frequency Counter ID	60 90	
Cycles to switch-off the warning Indication ID	60 81	
Virtual cycle WL off	0	

BCM | U0131-00 | Stored | Lost Communication With Power Steering Control Module "A"-

NAME	VALUE	UNITS
DTC	C1 31 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	

Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Aging Counter ID	60 80	
Aging Counter	27	
Frequency Counter ID	60 90	
Cycles to switch-off the warning Indication ID	60 81	
Virtual cycle WL off	0	

EPS | C1593-00 | Stored | Steering Torque Sensor Circuit-

NAME	VALUE	UNITS
DTC	55 93 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
WarningIndicatorRequested	False	
ExtendedDataRecordNumber	01	
Aging Counter ID	00 00	
Aging Counter	26	
Frequency Counter ID	00 00	
DID DataObject	0D	
Cycle to switch WL off ID	00 00	
Virtual cycle WL off	0	

EPS | C2129-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	61 29 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
WarningIndicatorRequested	False	
ExtendedDataRecordNumber	01	
Aging Counter ID	00 00	
Aging Counter	28	
Frequency Counter ID	00 00	

DID DataObject	02	
Cycle to switch WL off ID	00 00	
Virtual cycle WL off	0	

SCCM | C2129-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS

SCCM | C212A-16 | Stored | System Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS

HVAC | B210D-84 | Stored | Battery Voltage Low-Signal Below Allowable Range

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	Reserved	
Test Failed Since Last Clear	Reserved	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	Reserved	
Event Counter	35	

ICS | B210D-16 | Stored | Battery Voltage Low-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTCTable	A1 0D 16	
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	True	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	Record $01-$8f	
RDI $6080	60 80	
Event Counter	Event counter for clear DTC memory	
RDI $6081	60 81	
Cycle to Switch Warning Lamp OFF	3 = error present (3 cycle consecutive for switch MIL OFF) 0 = error Not present 1..2 = number cycle consecutive for switch MIL OFF	

RCCC | B210D-16 | Stored | Battery Voltage Low-Circuit Voltage Below Threshold

NAME	VALUE	UNITS

SGW | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS

SGW | U0089-00 | Stored | Ethernet Bus 2-

NAME	VALUE	UNITS

SLML | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS

SLMR | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS

ESM | P1C8C-16 | Stored | System Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	1C 8C 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Aging Counter ID	60 80	
Aging Counter	26	
Frequency Counter ID	60 90	
DID DataObject	03	
Virtual cycle WL off	0	

ESM | P1C8B-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	1C 8B 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Aging Counter ID	60 80	
Aging Counter	26	
Frequency Counter ID	60 90	
DID DataObject	03	
Virtual cycle WL off	0	

PAM | B210C-16 | Stored | Battery Voltage Input-Circuit Voltage Below Threshold

NAME	VALUE	UNITS

PAM | U0131-00 | Stored | Lost Communication With Power Steering Control Module "A"-

NAME	VALUE	UNITS

PAM | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS

IPC | B210A-00 | Stored | System Voltage Low-

NAME	VALUE	UNITS
DTCMaskRecord	A1 0A 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
ExtendedDataRecordNumber	01	
Aging Counter ID	60 80	
Aging Counter	18	
Frequency Counter ID	60 90	

IPC | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTCMaskRecord	A1 99 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
ExtendedDataRecordNumber	01	
Aging Counter ID	60 80	
Aging Counter	18	
Frequency Counter ID	60 90	

IPC | U0131-00 | Stored | Lost Communication With Power Steering Control Module "A"-

NAME	VALUE	UNITS
DTCMaskRecord	C1 31 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
ExtendedDataRecordNumber	01	
Aging Counter ID	60 80	

Aging Counter	18	
Frequency Counter ID	60 90	

ETM | B210A-00 | Stored | System Voltage Low-

NAME	VALUE	UNITS
DTC	A1 0A 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

ETM | B217A-9A | Stored | Rear Camera-Component or System Operating Conditions

NAME	VALUE	UNITS
DTC	A1 7A 9A	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

ETM | U0565-00 | Stored | Implausible Data Received From Rear Camera Module-

NAME	VALUE	UNITS
DTC	C5 65 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

DSM | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 99 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number	01	
RDI $6080 - Event Counter	60 80	
Event Counter	22	Count
RDI $6081 - Warning Lamp Switching-Off Cycles	60 81	
Warning Lamp Switching-Off Cycles	0	Count

DSM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	A1 DD 84	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number	01	
RDI $6080 - Event Counter	60 80	
Event Counter	22	Count
RDI $6081 - Warning Lamp Switching-Off Cycles	60 81	
Warning Lamp Switching-Off Cycles	0	Count

TBM2 | B210D-16 | Stored | Battery Voltage Low-Circuit Voltage Below Threshold

NAME	VALUE	UNITS

BSCM | C2100-00 | Stored | Battery Voltage Low-

NAME	VALUE	UNITS
DTC	61 00 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
ExtendedDataRecordNumber	00	
Aging Counter ID	60 80	
Aging Counter	28	
Frequency Counter ID	60 90	

BSCM | C2102-00 | Stored | System Voltage Low-

NAME	VALUE	UNITS
DTC	61 02 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	

Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
ExtendedDataRecordNumber	00	
Aging Counter ID	60 80	
Aging Counter	28	
Frequency Counter ID	60 90	

BSCM | C2129-00 | Stored | Battery Voltage-

NAME	VALUE	UNITS
DTC	61 29 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
ExtendedDataRecordNumber	00	
Aging Counter ID	60 80	
Aging Counter	28	
Frequency Counter ID	60 90	

BSCM | C221F-00 | Stored | ECU Not Initialized-

NAME	VALUE	UNITS
DTC	62 1F 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
ExtendedDataRecordNumber	00	
Aging Counter ID	60 80	
Aging Counter	28	
Frequency Counter ID	60 90	

BSCM | U1057-00 | Stored | High Speed FD-CAN3 Communication Bus Performance-

NAME	VALUE	UNITS
DTC	D0 57 00	
Test Failed	False	

Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
ExtendedDataRecordNumber	00	
Aging Counter ID	60 80	
Aging Counter	28	
Frequency Counter ID	60 90	

BSCM | U0420-00 | Stored | Invalid Data Received from Power Steering Control Module "A"-

NAME	VALUE	UNITS
DTC	C4 20 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
ExtendedDataRecordNumber	00	
Aging Counter ID	60 80	
Aging Counter	28	
Frequency Counter ID	60 90	

BSCM | C121A-00 | Stored | Steering Angle Sensor Not Initialized-

NAME	VALUE	UNITS
DTC	52 1A 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
ExtendedDataRecordNumber	00	
Aging Counter ID	60 80	
Aging Counter	28	
Frequency Counter ID	60 90	

CADM | C2129-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	61 29 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
ExtendedDataRecordNumber	01	
Aging Counter ID	60 80	
Aging Counter	21	
Frequency Counter ID	60 90	
Frequency Counter	04	
Cycles to switch-off the warning Indication ID	60 81	
Cycle to switch warning indication off	00	
Occurrence flag	False	
DTC_Reason_Byte1 (First Confirmed)	NOT_APPLICABLE_RSN	
System Voltage	5.5	V
Original Internal Temperature	-18	°F
Internal DTC Decode Byte 1	Battery_Low_Fault	
Internal DTC Decode Byte 2	FFFF	
Internal DTC Decode Byte 3	FFFF	
System Voltage	5.5	V
DTC_Reason_Byte1 (Most Recent)	NOT_APPLICABLE_RSN	
Most Recent Internal Temperature	-18	°F
Internal DTC Decode Byte 1	Battery_Low_Fault	
Internal DTC Decode Byte 2	FFFF	
Internal DTC Decode Byte 3	FFFF	

CADM | C2227-00 | Stored | ABS Disabled ECU-

NAME	VALUE	UNITS
DTC	62 27 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
ExtendedDataRecordNumber	01	
Aging Counter ID	60 80	
Aging Counter	21	

Frequency Counter ID	60 90	
Frequency Counter	02	
Cycles to switch-off the warning Indication ID	60 81	
Cycle to switch warning indication off	00	
Occurrence flag	False	
DTC_Reason_Byte1 (First Confirmed)	DASENGREQPOS_NOT_ALLOWED_RSN	
System Voltage	14.3	V
Original Internal Temperature	25	°F
Internal DTC Decode Byte 1	FFFF	
Internal DTC Decode Byte 2	FFFF	
Internal DTC Decode Byte 3	FFFF	
System Voltage	14.3	V
DTC_Reason_Byte1 (Most Recent)	DASENGREQPOS_NOT_ALLOWED_RSN	
Most Recent Internal Temperature	25	°F
Internal DTC Decode Byte 1	FFFF	
Internal DTC Decode Byte 2	FFFF	
Internal DTC Decode Byte 3	FFFF	

CADM | U0418-00 | Stored | Implausible Data Received From Brake System Control Module 1-

NAME	VALUE	UNITS
DTC	C4 18 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
ExtendedDataRecordNumber	01	
Aging Counter ID	60 80	
Aging Counter	20	
Frequency Counter ID	60 90	
Frequency Counter	01	
Cycles to switch-off the warning Indication ID	60 81	
Cycle to switch warning indication off	00	
Occurrence flag	False	
DTC_Reason_Byte1 (First Confirmed)	ESCFAILSTS_D_RSN	
System Voltage	12.2	V
Original Internal Temperature	25	°F
Internal DTC Decode Byte 1	FFFF	
Internal DTC Decode Byte 2	FFFF	
Internal DTC Decode Byte 3	FFFF	
System Voltage	12.2	V
DTC_Reason_Byte1 (Most Recent)	ESCFAILSTS_D_RSN	

Most Recent Internal Temperature	25	°F
Internal DTC Decode Byte 1	FFFF	
Internal DTC Decode Byte 2	FFFF	
Internal DTC Decode Byte 3	FFFF	

CADM | U0420-00 | Stored | Invalid Data Received from Power Steering Control Module "A"-

NAME	VALUE	UNITS
DTC	C4 20 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
ExtendedDataRecordNumber	01	
Aging Counter ID	60 80	
Aging Counter	21	
Frequency Counter ID	60 90	
Frequency Counter	02	
Cycles to switch-off the warning Indication ID	60 81	
Cycle to switch warning indication off	00	
Occurrence flag	False	
DTC_Reason_Byte1 (First Confirmed)	LWSANGLE_SNA_RSN	
System Voltage	14.3	V
Original Internal Temperature	25	°F
Internal DTC Decode Byte 1	FFFF	
Internal DTC Decode Byte 2	FFFF	
Internal DTC Decode Byte 3	FFFF	
System Voltage	14.3	V
DTC_Reason_Byte1 (Most Recent)	STEERING_COLUMN_TORQUE_SNA_RSN	
Most Recent Internal Temperature	25	°F
Internal DTC Decode Byte 1	FFFF	
Internal DTC Decode Byte 2	FFFF	
Internal DTC Decode Byte 3	FFFF	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for B2199-17

OCM | B210A-00 | Stored | System Voltage Low-

Record 0

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	

Test Failed	False	
Test Failed This Monitoring Cycle	False	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	

TCM | P0562-00 | Stored | System Voltage Low-

Record 0

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
DTC	05 62 00	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
ECU time stamp ID	10 08	
ECU Life Time	8192000	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	512	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	7.2	V
Operational Mode Status ID	19 21	
Vehicle Speed ID	10 02	

Record 1

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
DTC	05 62 00	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
ECU time stamp ID	10 08	
ECU Life Time	8192000	Min
ECU time stamp from ignition ON ID	10 09	

ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	512	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	7.1	V
Operational Mode Status ID	19 21	
Vehicle Speed ID	10 02	

TCM | P1DB1-00 | Stored | TCM System Voltage Excessively Low-

Record 0

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
DTC	1D B1 00	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
ECU time stamp ID	10 08	
ECU Life Time	8192000	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	512	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	6.6	V
Operational Mode Status ID	19 21	
Vehicle Speed ID	10 02	

Record 1

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
DTC	1D B1 00	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	

Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
ECU time stamp ID	10 08	
ECU Life Time	8192000	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	512	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	6.4	V
Operational Mode Status ID	19 21	
Vehicle Speed ID	10 02	

No Snapshot Data available for U0422-00

No Snapshot Data available for B21DD-84

No Snapshot Data available for B210C-16

AMP | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
DTCTable	A1 99 16	
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTC Snapshot Record Number	Record #1	
DTC Snapshot Record Number Of Identifiers	5	
RDI ($1008)	10 08	
RAM Stamps	144	Min
RDI ($1009)	10 09	
RAM stamps keyOn	15	sec
RDI ($200A)	20 0A	
KeyOn counter	1	
RDI ($6082)	60 82	
DTC Failure Type Byte	16	
RDI ($1921)	19 21	
Ignition Off	True	
Ignition Acc	False	
Ignition On	False	
Ignition Pre Start	False	

Ignition Start	False	
Ignition Cranking	False	
Ignition On Engine On	False	
Ignition Pre Off	False	
Ignition Pre Acc	False	
SNA (Signal Not Available)	False	
Start relay command	Off	
INT Fail	False	
SNA (Signal Not Available)	False	
Key in default position	False	
Key Not In Ignition	False	
Key in Ignition	False	
Ignition Lock (STOP)	True	
ACC	False	
RUN (MAR)	False	
Start	False	
Fault present	False	

Record 1

NAME	VALUE	UNITS
DTCTable	A1 99 16	
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTC Snapshot Record Number	Record #2	
DTC Snapshot Record Number Of Identifiers	5	
RDI ($1008)	10 08	
RAM Stamps	144	Min
RDI ($1009)	10 09	
RAM stamps keyOn	0	sec
RDI ($200A)	20 0A	
KeyOn counter	4	
RDI ($6082)	60 82	
DTC Failure Type Byte	16	
RDI ($1921)	19 21	
Ignition Off	True	
Ignition Acc	False	
Ignition On	False	
Ignition Pre Start	False	
Ignition Start	False	
Ignition Cranking	False	

Ignition On Engine On	False	
Ignition Pre Off	False	
Ignition Pre Acc	False	
SNA (Signal Not Available)	False	
Start relay command	Off	
INT Fail	False	
SNA (Signal Not Available)	False	
Key in default position	False	
Key Not In Ignition	False	
Key in Ignition	False	
Ignition Lock (STOP)	True	
ACC	False	
RUN (MAR)	False	
Start	False	
Fault present	False	

AMP | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

Record 0

NAME	VALUE	UNITS
DTCTable	A1 DD 84	
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTC Snapshot Record Number	Record #1	
DTC Snapshot Record Number Of Identifiers	5	
RDI ($1008)	10 08	
RAM Stamps	144	Min
RDI ($1009)	10 09	
RAM stamps keyOn	30	sec
RDI ($200A)	20 0A	
KeyOn counter	2	
RDI ($6082)	60 82	
DTC Failure Type Byte	84	
RDI ($1921)	19 21	
Ignition Off	False	
Ignition Acc	False	
Ignition On	True	
Ignition Pre Start	False	
Ignition Start	False	
Ignition Cranking	False	
Ignition On Engine On	False	

Ignition Pre Off	False	
Ignition Pre Acc	False	
SNA (Signal Not Available)	False	
Start relay command	Off	
INT Fail	False	
SNA (Signal Not Available)	False	
Key in default position	False	
Key Not In Ignition	False	
Key in Ignition	False	
Ignition Lock (STOP)	False	
ACC	False	
RUN (MAR)	True	
Start	False	
Fault present	False	

Record 1

NAME	VALUE	UNITS
DTCTable	A1 DD 84	
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTC Snapshot Record Number	Record #2	
DTC Snapshot Record Number Of Identifiers	5	
RDI ($1008)	10 08	
RAM Stamps	144	Min
RDI ($1009)	10 09	
RAM stamps keyOn	15	sec
RDI ($200A)	20 0A	
KeyOn counter	5	
RDI ($6082)	60 82	
DTC Failure Type Byte	84	
RDI ($1921)	19 21	
Ignition Off	False	
Ignition Acc	False	
Ignition On	True	
Ignition Pre Start	False	
Ignition Start	False	
Ignition Cranking	False	
Ignition On Engine On	False	
Ignition Pre Off	False	
Ignition Pre Acc	False	

SNA (Signal Not Available)	False	
Start relay command	Off	
INT Fail	False	
SNA (Signal Not Available)	False	
Key in default position	False	
Key Not In Ignition	False	
Key in Ignition	False	
Ignition Lock (STOP)	False	
ACC	False	
RUN (MAR)	True	
Start	False	
Fault present	False	

MSMD | B210A-84 | Stored | System Voltage Low-Signal Below Allowable Range

Record 0

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
DTCSnapshotRecordNumberOfIdentifiers	07	
DTC	A1 0A 84	
Test Failed	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
SnapshotRecordNumber	01	
ECU time stamp ID	10 08	
ECU Life Time	176	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	60	S
Ignition On counter ID	20 0A	
Ignition On counter	5	None
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	5.4	V
Operational Mode Status ID	19 21	
DID DataObject	00 00 00 00 00 04 00 04 00	
Vehicle Speed ID	10 02	
Vehicle Speed	158	MPH

MSMD | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
DTCSnapshotRecordNumberOfIdentifiers	07	
DTC	A1 99 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
SnapshotRecordNumber	01	
ECU time stamp ID	10 08	
ECU Life Time	175	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	30	S
Ignition On counter ID	20 0A	
Ignition On counter	2	None
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	6.7	V
Operational Mode Status ID	19 21	
DID DataObject	00 00 00 00 00 04 00 04 00	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH

Record 1

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
DTCSnapshotRecordNumberOfIdentifiers	07	
DTC	A1 99 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
SnapshotRecordNumber	02	
ECU time stamp ID	10 08	
ECU Life Time	175	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S

Ignition On counter ID	20 0A	
Ignition On counter	5	None
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	5.3	V
Operational Mode Status ID	19 21	
DID DataObject	00 00 00 00 00 02 00 01 00	
Vehicle Speed ID	10 02	
Vehicle Speed	158	MPH

No Snapshot Data available for B21DD-84

No Snapshot Data available for B210C-16

No Snapshot Data available for B2199-16

DTCM | C1455-16 | Stored | AWD Clutch Power Control-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
DTC	54 55 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Snapshot Record Number	01	
DTC Snapshot Record Number Of Identifiers	12	
ECU time stamp ID	10 08	
ECU Life Time	104	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	15	S
Ignition On counter ID	20 0A	
Ignition On counter	2	None
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	7.1	V
Operational Mode Status ID	19 21	
DID Data Object	00 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH

Engine Speed ID	10 00	
Engine Speed	0.00	rpm
Outside Temperature ID	20 1E	
Outside Temperature	0	
Diagnostic Tool and Session Status ID	10 0B	
Diagnostic Tool and Session Status	00	
EDM Event DID ID	F1 FA	
EDM Event ID	154	
MPT Software Version DID ID	FD 00	
Software Version	05 01 00	
Parameter Patch	144	
Event Core Service State DID ID	FD 01	
Event Core Service State	1C	
Event Occurrence This Operation Cycle DID ID	FD 07	
Event Occurrence This Operation Cycle	1	
Event Occurrence Since Last Clear DID ID	FD 08	
Event Occurrence Since Last Clear. (I.E. Number Of Times The Event Transitions From History/Inactive To Active Since Last Clear Code.)	1	
Event System Up Counter DID ID	FD 09	
Event System Up Counter / Time (10ms) When The Event Was Triggered	15.00	sec
Event Cycle Counter DID ID	FD 0A	
Event Cycle Counter / Ignition Cycle Number In Which The Event Was Triggered	46	
Event Specific Information DID ID	FD 02	
Event Specific Information		

Record 1

NAME	VALUE	UNITS
DTC	54 55 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Snapshot Record Number	00	
DTC Snapshot Record Number Of Identifiers	02	
ECU time stamp ID	00 0E	
ECU Life Time	0	Min
ECU time stamp from ignition ON ID	00 B0	
ECU Time since Ignition ON	884160	S
Ignition On counter ID	00 00	
Ignition On counter	0	None

Odometer ID	00 00	
Odometer	0	miles
Battery Voltage ID	00 00	
Battery Voltage	0.0	V
Operational Mode Status ID	00 00	
DID Data Object	00 00 00 02 12 10 08 00 00	
Vehicle Speed ID	00 10	
Vehicle Speed	6	MPH
Engine Speed ID	00 00	
Engine Speed	2050.50	rpm
Outside Temperature ID	00 00	
Outside Temperature	32	
Diagnostic Tool and Session Status ID	01 00	
Diagnostic Tool and Session Status	00	
EDM Event DID ID	10 04	
EDM Event ID	0	
MPT Software Version DID ID	19 21	
Software Version	00 00 00	
Parameter Patch	0	
Event Core Service State DID ID	00 00	
Event Core Service State	00	
Event Occurrence This Operation Cycle DID ID	00 00	
Event Occurrence This Operation Cycle	16	
Event Occurrence Since Last Clear DID ID	02 00	
Event Occurrence Since Last Clear. (I.E. Number Of Times The Event Transitions From History/Inactive To Active Since Last Clear Code.)	16	
Event System Up Counter DID ID	00 00	
Event System Up Counter / Time (10ms) When The Event Was Triggered	21048.32	sec
Event Cycle Counter DID ID	10 0B	
Event Cycle Counter / Ignition Cycle Number In Which The Event Was Triggered	15858330	
Event Specific Information DID ID	FD 00	
Event Specific Information		

Record 2

NAME	VALUE	UNITS
DTC	54 55 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	

Snapshot Record Number	00	
DTC Snapshot Record Number Of Identifiers	00	
ECU time stamp ID	00 FD	
ECU Life Time	65789	Min
ECU time stamp from ignition ON ID	07 00	
ECU Time since Ignition ON	971640	S
Ignition On counter ID	00 FD	
Ignition On counter	2304	None
Odometer ID	00 00	
Odometer	2515	miles
Battery Voltage ID	0A 00	
Battery Voltage	0.0	V
Operational Mode Status ID	00 00	
DID Data Object	FD 02 00 00 00 00 00 00 00	
Vehicle Speed ID	00 00	
Vehicle Speed	0	MPH
Engine Speed ID	00 00	
Engine Speed	0.00	rpm
Outside Temperature ID	00 00	
Outside Temperature	0	
Diagnostic Tool and Session Status ID	00 00	
Diagnostic Tool and Session Status	00	
EDM Event DID ID	00 00	
EDM Event ID	0	
MPT Software Version DID ID	00 00	
Software Version	00 00 00	
Parameter Patch		
Event Core Service State DID ID		
Event Core Service State		
Event Occurrence This Operation Cycle DID ID		
Event Occurrence This Operation Cycle		
Event Occurrence Since Last Clear DID ID		
Event Occurrence Since Last Clear. (I.E. Number Of Times The Event Transitions From History/Inactive To Active Since Last Clear Code.)		
Event System Up Counter DID ID		
Event System Up Counter / Time (10ms) When The Event Was Triggered		sec
Event Cycle Counter DID ID		
Event Cycle Counter / Ignition Cycle Number In Which The Event Was Triggered		
Event Specific Information DID ID		
Event Specific Information		

DTCM | U0140-87 | Stored | Lost Communication With Body Control Module-Missing Message

Record 0

NAME	VALUE	UNITS

DTC	C1 40 87	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Snapshot Record Number	01	
DTC Snapshot Record Number Of Identifiers	12	
ECU time stamp ID	10 08	
ECU Life Time	101	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	3240	S
Ignition On counter ID	20 0A	
Ignition On counter	1	None
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	12.5	V
Operational Mode Status ID	19 21	
DID Data Object	00 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH
Engine Speed ID	10 00	
Engine Speed	0.00	rpm
Outside Temperature ID	20 1E	
Outside Temperature	0	
Diagnostic Tool and Session Status ID	10 0B	
Diagnostic Tool and Session Status	00	
EDM Event DID ID	F1 FA	
EDM Event ID	1	
MPT Software Version DID ID	FD 00	
Software Version	05 01 00	
Parameter Patch	144	
Event Core Service State DID ID	FD 01	
Event Core Service State	1C	
Event Occurrence This Operation Cycle DID ID	FD 07	
Event Occurrence This Operation Cycle	1	
Event Occurrence Since Last Clear DID ID	FD 08	
Event Occurrence Since Last Clear. (I.E. Number Of Times The Event Transitions From History/Inactive To Active Since Last Clear Code.)	1	
Event System Up Counter DID ID	FD 09	

Event System Up Counter / Time (10ms) When The Event Was Triggered	3254.60	sec
Event Cycle Counter DID ID	FD 0A	
Event Cycle Counter / Ignition Cycle Number In Which The Event Was Triggered	45	
Event Specific Information DID ID	FD 02	
Event Specific Information		

Record 1

NAME	VALUE	UNITS
DTC	C1 40 87	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Snapshot Record Number	00	
DTC Snapshot Record Number Of Identifiers	00	
ECU time stamp ID	20 C9	
ECU Life Time	0	Min
ECU time stamp from ignition ON ID	01 00	
ECU Time since Ignition ON	15	S
Ignition On counter ID	01 15	
Ignition On counter	1	None
Odometer ID	00 00	
Odometer	0	miles
Battery Voltage ID	00 00	
Battery Voltage	0.0	V
Operational Mode Status ID	00 00	
DID Data Object	00 00 00 02 12 10 08 00 00	
Vehicle Speed ID	00 10	
Vehicle Speed	6	MPH
Engine Speed ID	00 00	
Engine Speed	2050.50	rpm
Outside Temperature ID	00 00	
Outside Temperature	32	
Diagnostic Tool and Session Status ID	01 00	
Diagnostic Tool and Session Status	00	
EDM Event DID ID	10 04	
EDM Event ID	0	
MPT Software Version DID ID	19 21	
Software Version	00 00 00	

Parameter Patch	0	
Event Core Service State DID ID	00 00	
Event Core Service State	00	
Event Occurrence This Operation Cycle DID ID	00 00	
Event Occurrence This Operation Cycle	16	
Event Occurrence Since Last Clear DID ID	02 00	
Event Occurrence Since Last Clear. (I.E. Number Of Times The Event Transitions From History/Inactive To Active Since Last Clear Code.)	16	
Event System Up Counter DID ID	00 00	
Event System Up Counter / Time (10ms) When The Event Was Triggered	21048.32	sec
Event Cycle Counter DID ID	10 0B	
Event Cycle Counter / Ignition Cycle Number In Which The Event Was Triggered	15858177	
Event Specific Information DID ID	FD 00	
Event Specific Information		

Record 2

NAME	VALUE	UNITS
DTC	C1 40 87	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Snapshot Record Number	00	
DTC Snapshot Record Number Of Identifiers	00	
ECU time stamp ID	00 FD	
ECU Life Time	65789	Min
ECU time stamp from ignition ON ID	07 00	
ECU Time since Ignition ON	971640	S
Ignition On counter ID	00 FD	
Ignition On counter	2304	None
Odometer ID	00 00	
Odometer	2515	miles
Battery Voltage ID	0A 00	
Battery Voltage	0.0	V
Operational Mode Status ID	00 00	
DID Data Object	FD 02 00 00 00 00 00 00 00	
Vehicle Speed ID	00 00	
Vehicle Speed	0	MPH
Engine Speed ID	00 00	
Engine Speed	0.00	rpm

Outside Temperature ID	00 00	
Outside Temperature	0	
Diagnostic Tool and Session Status ID	00 00	
Diagnostic Tool and Session Status	00	
EDM Event DID ID	00 00	
EDM Event ID	0	
MPT Software Version DID ID	00 00	
Software Version	00 00 00	
Parameter Patch		
Event Core Service State DID ID		
Event Core Service State		
Event Occurrence This Operation Cycle DID ID		
Event Occurrence This Operation Cycle		
Event Occurrence Since Last Clear DID ID		
Event Occurrence Since Last Clear. (I.E. Number Of Times The Event Transitions From History/Inactive To Active Since Last Clear Code.)		
Event System Up Counter DID ID		
Event System Up Counter / Time (10ms) When The Event Was Triggered		sec
Event Cycle Counter DID ID		
Event Cycle Counter / Ignition Cycle Number In Which The Event Was Triggered		
Event Specific Information DID ID		
Event Specific Information		

BCM | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
DTC	A1 99 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
ECU time stamp ID	10 08	
ECU Life Time	324	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	34	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	7.1	V

Operational Mode Status ID	19 21	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH

BCM | B2204-00 | Stored | ECU Configuration Mismatch-

Record 0

NAME	VALUE	UNITS
DTC	A2 04 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
ECU time stamp ID	10 08	
ECU Life Time	350	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	50	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	15.4	V
Operational Mode Status ID	19 21	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH

BCM | B2204-87 | Stored | ECU Configuration Mismatch-Missing Message

Record 0

NAME	VALUE	UNITS
DTC	A2 04 87	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
ECU time stamp ID	10 08	
ECU Life Time	311	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	240	S

Ignition On counter ID	20 0A	
Ignition On counter	34	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	12.4	V
Operational Mode Status ID	19 21	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH

BCM | U0131-00 | Stored | Lost Communication With Power Steering Control Module "A"-

Record 0

NAME	VALUE	UNITS
DTC	C1 31 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
ECU time stamp ID	10 08	
ECU Life Time	311	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	240	S
Ignition On counter ID	20 0A	
Ignition On counter	34	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	12.4	V
Operational Mode Status ID	19 21	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH

EPS | C1593-00 | Stored | Steering Torque Sensor Circuit-

Record 0

NAME	VALUE	UNITS
DTC	55 93 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	

Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
WarningIndicatorRequested	False	
Snapshot Data Set #2 ID	01 09	
Steering Angle Sensor ID	08 85	
Steering angle sensor - Sensor 1	0.4	Deg
Steering angle sensor - Sensor 2	0.4	Deg
Supplier fault code ID	29 6B	
Supplier Code 1	00 B0 0B	
Supplier Code 2	00 B1 0B	
Supplier Code 3	01 57 0B	
Supplier Code 4	01 45 08	
Supplier Code 5	00 00 00	
Supplier Code 6	00 00 00	
Supplier Code 7	00 00 00	
Supplier Code 8	00 00 00	
Supplier Code 9	00 00 00	
Supplier Code 10	00 00 00	
Driver Handwheel Torque ID	0A DB	
Driver Handwheel Torque - Sensor 1	-0.063376	Ft-Lbs
Driver Handwheel Torque - Sensor 2	-0.063376	Ft-Lbs
EPS Motor Torque ID	29 6D	
EPS Motor Torque without Torque Overlay	1.70	Ft-Lbs
EPS Motor Torque with Torque Overlay	1.70	Ft-Lbs
ECU Temperature ID	0A DE	
ECU Temp	8	A
EPS Current Draw ID	29 6E	
EPS Current Draw - Master ECU	0	A
EPS Current Draw - Slave ECU	0	A
EPS Mode Select ID	29 6A	
EPS Mode Stat	Mode 1	
EPS_MODE_REQ	MODE_1	
Bussed Inputs 5 (Powertrain) ID	29 65	
EngineSpeed_W	0	rpm
EngineSts_W	SNA	
ESS_ENG_STS_W	SNA	
PropulsionSystemActive_DPT	Not_Active	
TargetGear	SNA	
GearEngaged	Neutral	
ShiftLeverPosition	No Selection	
Park Assist Signals ID	29 67	
Park Assist Feature Present	Present	
TorqueOverlaySteeringReq_SPM	0.000000	Ft-Lbs
SPM_Lat_Ctrl_RequestSts	Idle	

ManoeuvrePhase	Backward	
Reserved	08	
SPM_Lat_Ctrl_ResponseSts	SPM_Open	
EPS_HandsOnRecognition	Not Detected	
Steering_Column_Torque	F50F	Ft-Lbs
LatAcceleration_BSM	FF0F	m/s^2
LongAcceleration_BSM	FF00	m/s^2
VehicleSpeedVSOSig	0.58	MPH
YawRate_BSM	FF01	deg/s
YawRateFailSts_BSM	Fail_Not_Present	
LHF_FastPulseCounter	0	Pulse
LHFWheelSpeed	0.00	MPH
LHF_Spin	Stand_Still	
LHF_WheelSensorFailSts	Fail_Not_Present	
LHR_FastPulseCounter	0	Pulse
LHRWheelSpeed	0.00	MPH
LHR_Spin	Stand_Still	
LHR_WheelSensorFailSts	Fail_Not_Present	
RHF_FastPulseCounter	0	Pulse
RHFWheelSpeed	0.00	MPH
RHF_Spin	Stand_Still	
RHF_WheelSensorFailSts	Fail_Not_Present	
RHR_FastPulseCounter	0	Pulse
RHRWheelSpeed	0.00	MPH
RHR_WheelSensorFailSts	Fail_Not_Present	
RHR_Spin	Backward	

Record 1

NAME	VALUE	UNITS
DTC	55 93 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
WarningIndicatorRequested	False	
Snapshot Data Set #2 ID	09 08	
Steering Angle Sensor ID	85 1C	
Steering angle sensor - Sensor 1	204.4	Deg
Steering angle sensor - Sensor 2	205.7	Deg
Supplier fault code ID	6B 00	
Supplier Code 1	B0 0B 00	

Supplier Code 2	B1 0B 01	
Supplier Code 3	57 0B 01	
Supplier Code 4	45 08 00	
Supplier Code 5	00 00 00	
Supplier Code 6	00 00 00	
Supplier Code 7	00 00 00	
Supplier Code 8	00 00 00	
Supplier Code 9	00 00 00	
Supplier Code 10	00 00 0A	
Driver Handwheel Torque ID	DB 03	
Driver Handwheel Torque - Sensor 1	F603	Ft-Lbs
Driver Handwheel Torque - Sensor 2	F629	Ft-Lbs
EPS Motor Torque ID	6D 03	
EPS Motor Torque without Torque Overlay	FF03	Ft-Lbs
EPS Motor Torque with Torque Overlay	FF0A	Ft-Lbs
ECU Temperature ID	DE 3A	
ECU Temp	-9	A
EPS Current Draw ID	6E 32	
EPS Current Draw - Master ECU	0	A
EPS Current Draw - Slave ECU	-9	A
EPS Mode Select ID	6A 20	
EPS Mode Stat	Mode 2	
EPS_MODE_REQ	MODE_2	
Bussed Inputs 5 (Powertrain) ID	65 00	
EngineSpeed_W	3	rpm
EngineSts_W	SNA	
ESS_ENG_STS_W	SNA	
PropulsionSystemActive_DPT	Not_Active	
TargetGear	Neutral	
GearEngaged	Neutral	
ShiftLeverPosition	Sport	
Park Assist Signals ID	67 01	
Park Assist Feature Present	Not Present	
TorqueOverlaySteeringReq_SPM	-5.530973	Ft-Lbs
SPM_Lat_Ctrl_RequestSts	Reserved	
ManoeuvrePhase	Backward	
Reserved	Undefined	
SPM_Lat_Ctrl_ResponseSts	SPM_Open	
EPS_HandsOnRecognition	Detected	
Steering_Column_Torque	0FFF	Ft-Lbs
LatAcceleration_BSM	40.94	m/s^2
LongAcceleration_BSM	-40.96	m/s^2
VehicleSpeedVSOSig	159.03	MPH
YawRate_BSM	-143.36	deg/s

YawRateFailSts_BSM	Fail_Not_Present	
LHF_FastPulseCounter	0	Pulse
LHFWheelSpeed	0.00	MPH
LHF_Spin	Stand_Still	
LHF_WheelSensorFailSts	Fail_Not_Present	
LHR_FastPulseCounter	0	Pulse
LHRWheelSpeed	0.00	MPH
LHR_Spin	Stand_Still	
LHR_WheelSensorFailSts	Fail_Not_Present	
RHF_FastPulseCounter	0	Pulse
RHFWheelSpeed	0.00	MPH
RHF_Spin	Stand_Still	
RHF_WheelSensorFailSts	Fail_Not_Present	
RHR_FastPulseCounter	0	Pulse
RHRWheelSpeed		MPH
RHR_WheelSensorFailSts		
RHR_Spin		

No Snapshot Data available for C2129-16

No Snapshot Data available for C2129-16

No Snapshot Data available for C212A-16

HVAC | B210D-84 | Stored | Battery Voltage Low-Signal Below Allowable Range

Record 0

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	Reserved	
Test Failed Since Last Clear	Reserved	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	Reserved	
ECU Life Time	141	Min
ECU time stamps from Ignition ON	30	S
Ignition On counter	2	
DTC Failure Type	132	

Record 1

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	Reserved	
Test Failed Since Last Clear	Reserved	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	Reserved	

ECU Life Time	144	Min
ECU time stamps from Ignition ON	30	S
Ignition On counter	5	
DTC Failure Type	132	

ICS | B210D-16 | Stored | Battery Voltage Low-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
DTCTable	A1 0D 16	
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Test Not Completed This Monitoring Cycle	True	
Warning Indicator Requested	False	
DTC Snapshot Record Number	Record #1	
DTC Snapshot Record Number Of Identifiers	5	
RDI ($1008)	10 08	
ECU Life Time	100	Min
RDI ($1009)	10 09	
ECU Time since Ignition ON	0	sec
RDI ($200A)	20 0A	
Ignition On counter	2	
RDI ($6082)	60 82	
DTC Failure Type Byte	16	
RDI ($1921)	19 21	
Ignition Off	False	
Ignition Acc	False	
Ignition On	True	
Ignition Pre Start	False	
Ignition Start	False	
Ignition Cranking	False	
Ignition On Engine On	False	
Ignition Pre Off	False	
Ignition Pre Acc	False	
Start relay command	Off	
INT Fail	False	
Key in default position	False	
Key Not In Ignition	False	
Key in Ignition	False	
Ignition Lock (STOP)	False	
ACC	False	
RUN (MAR)	True	
Start	False	

Fault present	00

RCCC | B210D-16 | Stored | Battery Voltage Low-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	

SGW | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
DTC	A1 99 16	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
SnapshotRecordNumber	01	
Warning Indicator Requested	False	
DTCSnapshotRecordNumberOfIdentifiers	07	
ECU time stamp ID	10 08	
ECU Life Time	120	Min
Battery Voltage	7.2	V
Odometer	0	miles
Vehicle Speed	0	MPH

SGW | U0089-00 | Stored | Ethernet Bus 2-

Record 0

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
DTC	C0 89 00	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
SnapshotRecordNumber	01	
Warning Indicator Requested	False	
DTCSnapshotRecordNumberOfIdentifiers	07	
ECU time stamp ID	10 08	
ECU Life Time	124	Min

Battery Voltage	14.2	V
Odometer	0	miles
Vehicle Speed	0	MPH

SLML | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
DTC Snapshot Record Number Of Identifiers	07	

Record 1

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
DTC Snapshot Record Number Of Identifiers	0A	

SLMR | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
DTC Snapshot Record Number Of Identifiers	07	

Record 1

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
DTC Snapshot Record Number Of Identifiers	0A	

ESM | P1C8C-16 | Stored | System Voltage-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
DTC	1C 8C 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
SnapshotRecordNumber	01	
DTCSnapshotRecordNumberOfIdentifiers	11	
ECU time stamp ID	10 08	
ECU Life Time	164	Min
ECU time stamp from ignition ON ID	10 09	

ECU Time since Ignition ON	0	S
Ignition On counter	1	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	7.1	V
Operational Mode Status ID	19 21	
DID DataObject	00 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	

Record 1

NAME	VALUE	UNITS
DTC	1C 8C 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
SnapshotRecordNumber	02	
DTCSnapshotRecordNumberOfIdentifiers	11	
ECU time stamp ID	10 08	
ECU Life Time	174	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	285	S
Ignition On counter	1	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	8.4	V
Operational Mode Status ID	19 21	
DID DataObject	00 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	

ESM | P1C8B-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
DTC	1C 8B 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
SnapshotRecordNumber	01	
DTCSnapshotRecordNumberOfIdentifiers	11	
ECU time stamp ID	10 08	
ECU Life Time	164	Min

ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter	1	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	7.1	V
Operational Mode Status ID	19 21	
DID DataObject	00 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	

Record 1

NAME	VALUE	UNITS
DTC	1C 8B 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
SnapshotRecordNumber	02	
DTCSnapshotRecordNumberOfIdentifiers	11	
ECU time stamp ID	10 08	
ECU Life Time	174	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	285	S
Ignition On counter	1	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	8.6	V
Operational Mode Status ID	19 21	
DID DataObject	00 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	

No Snapshot Data available for B210C-16

No Snapshot Data available for U0131-00

No Snapshot Data available for U0422-00

IPC | B210A-00 | Stored | System Voltage Low-

Record 0

NAME	VALUE	UNITS
DTCMaskRecord	A1 0A 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	

Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
Snapshot Record Number	01	
DTC Snapshot Record Number Of Identifiers	07	
ECU time stamp ID	10 08	
ECU Life Time	17919	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	512	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	7.1	V
Operational Mode Status ID	19 21	
DID Data Object	04 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH

IPC | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
DTCMaskRecord	A1 99 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
Snapshot Record Number	01	
DTC Snapshot Record Number Of Identifiers	07	
ECU time stamp ID	10 08	
ECU Life Time	17919	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	2	
Odometer ID	20 01	
Odometer	0	miles

Battery Voltage ID	10 04	
Battery Voltage	7.1	V
Operational Mode Status ID	19 21	
DID Data Object	04 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH

IPC | U0131-00 | Stored | Lost Communication With Power Steering Control Module "A"-

Record 0

NAME	VALUE	UNITS
DTCMaskRecord	C1 31 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
Snapshot Record Number	01	
DTC Snapshot Record Number Of Identifiers	07	
ECU time stamp ID	10 08	
ECU Life Time	16639	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	225	S
Ignition On counter ID	20 0A	
Ignition On counter	1	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	12.3	V
Operational Mode Status ID	19 21	
DID Data Object	04 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH

ETM | B210A-00 | Stored | System Voltage Low-

Record 0

NAME	VALUE	UNITS
DTC	A1 0A 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

Record 1

NAME	VALUE	UNITS
DTC	A1 0A 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

ETM | B217A-9A | Stored | Rear Camera-Component or System Operating Conditions

Record 0

NAME	VALUE	UNITS
DTC	A1 7A 9A	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

Record 1

NAME	VALUE	UNITS
DTC	A1 7A 9A	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

ETM | U0565-00 | Stored | Implausible Data Received From Rear Camera Module-

Record 0

NAME	VALUE	UNITS
DTC	C5 65 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

Record 1

NAME	VALUE	UNITS
DTC	C5 65 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

DSM | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
DTC	A1 99 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Snapshot Record Number	Record #2	
DTC Snapshot Record Number Of Identifiers	4	
RDI $1008 - ECU Time Stamps	10 08	
Ecu time stamps	149	Min
RDI $1009 - ECU Time Stamps from Key ON	10 09	
ECU Time Stamps from Key ON	15	sec
RDI $200A - Key ON Counter	20 0A	
Key On Counter	28	
RDI $6082 - DTC Failure Type Byte	60 82	
DTC Failure Type Byte	16	

Record 1

NAME	VALUE	UNITS
DTC	A1 99 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Snapshot Record Number	02	
DTC Snapshot Record Number Of Identifiers	4	
RDI $1008 - ECU Time Stamps	10 08	
Ecu time stamps	149	Min
RDI $1009 - ECU Time Stamps from Key ON	10 09	
ECU Time Stamps from Key ON	15	sec
RDI $200A - Key ON Counter	20 0A	
Key On Counter	28	
RDI $6082 - DTC Failure Type Byte	60 82	
DTC Failure Type Byte	16	

DSM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

Record 0

NAME	VALUE	UNITS
DTC	A1 DD 84	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Snapshot Record Number	Record #2	
DTC Snapshot Record Number Of Identifiers	4	
RDI $1008 - ECU Time Stamps	10 08	
Ecu time stamps	149	Min
RDI $1009 - ECU Time Stamps from Key ON	10 09	
ECU Time Stamps from Key ON	15	sec
RDI $200A - Key ON Counter	20 0A	
Key On Counter	28	
RDI $6082 - DTC Failure Type Byte	60 82	
DTC Failure Type Byte	84	

Record 1

NAME	VALUE	UNITS
DTC	A1 DD 84	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Snapshot Record Number	02	
DTC Snapshot Record Number Of Identifiers	4	
RDI $1008 - ECU Time Stamps	10 08	
Ecu time stamps	149	Min
RDI $1009 - ECU Time Stamps from Key ON	10 09	
ECU Time Stamps from Key ON	15	sec
RDI $200A - Key ON Counter	20 0A	
Key On Counter	28	
RDI $6082 - DTC Failure Type Byte	60 82	
DTC Failure Type Byte	84	

No Snapshot Data available for B210D-16

BSCM | C2100-00 | Stored | Battery Voltage Low-

Record 0

NAME	VALUE	UNITS
DTC	61 00 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
SnapshotRecordNumber	Record #1	
DTCSnapshotRecordNumberOfIdentifiers	7	
ECU time stamp ID	10 08	
ECU Life Time	3225	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	32	
Ignition On Counter Realignment	255	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	12.7	V
Operational Mode Status ID	19 21	
DID DataObject	01 00 00 00 00 00 00 01 00 FF FF	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH
Supplier Internal Code	455	

Record 1

NAME	VALUE	UNITS
DTC	61 00 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	

SnapshotRecordNumber	Record #2	
DTCSnapshotRecordNumberOfIdentifiers	7	
ECU time stamp ID	10 08	
ECU Life Time	3326	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	40	
Ignition On Counter Realignment	255	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	8.3	V
Operational Mode Status ID	19 21	
DID DataObject	04 00 00 00 00 00 00 04 00 FF FF	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH
Supplier Internal Code	455	

BSCM | C2102-00 | Stored | System Voltage Low-

Record 0

NAME	VALUE	UNITS
DTC	61 02 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
SnapshotRecordNumber	Record #1	
DTCSnapshotRecordNumberOfIdentifiers	7	
ECU time stamp ID	10 08	
ECU Life Time	3278	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	32	
Ignition On Counter Realignment	255	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	7.1	V

Operational Mode Status ID	19 21	
DID DataObject	01 00 00 00 00 00 00 01 00 FF FF	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH
Supplier Internal Code	541	

Record 1

NAME	VALUE	UNITS
DTC	61 02 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
SnapshotRecordNumber	Record #2	
DTCSnapshotRecordNumberOfIdentifiers	7	
ECU time stamp ID	10 08	
ECU Life Time	3278	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	32	
Ignition On Counter Realignment	255	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	7.1	V
Operational Mode Status ID	19 21	
DID DataObject	01 00 00 00 00 00 00 01 00 FF FF	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH
Supplier Internal Code	541	

BSCM | C2129-00 | Stored | Battery Voltage-

Record 0

NAME	VALUE	UNITS
DTC	61 29 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
SnapshotRecordNumber	Record #1	
DTCSnapshotRecordNumberOfIdentifiers	7	
ECU time stamp ID	10 08	
ECU Life Time	3083	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	32	
Ignition On Counter Realignment	255	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	12.7	V
Operational Mode Status ID	19 21	
DID DataObject	01 00 00 00 00 00 00 01 00 FF FF	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH
Supplier Internal Code	459	

Record 1

NAME	VALUE	UNITS
DTC	61 29 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
SnapshotRecordNumber	Record #2	
DTCSnapshotRecordNumberOfIdentifiers	7	
ECU time stamp ID	10 08	
ECU Life Time	3083	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	32	
Ignition On Counter Realignment	255	
Odometer ID	20 01	

Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	12.7	V
Operational Mode Status ID	19 21	
DID DataObject	01 00 00 00 00 00 00 01 00 FF FF	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH
Supplier Internal Code	459	

BSCM | C221F-00 | Stored | ECU Not Initialized-

Record 0

NAME	VALUE	UNITS
DTC	62 1F 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
SnapshotRecordNumber	Record #1	
DTCSnapshotRecordNumberOfIdentifiers	7	
ECU time stamp ID	10 08	
ECU Life Time	3279	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	32	
Ignition On Counter Realignment	255	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	7.4	V
Operational Mode Status ID	19 21	
DID DataObject	04 00 00 00 00 00 00 04 00 FF FF	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH
Supplier Internal Code	460	

Record 1

NAME	VALUE	UNITS
DTC	62 1F 00	
Test Failed	False	

Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
SnapshotRecordNumber	Record #2	
DTCSnapshotRecordNumberOfIdentifiers	7	
ECU time stamp ID	10 08	
ECU Life Time	3323	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	36	
Ignition On Counter Realignment	255	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	11.5	V
Operational Mode Status ID	19 21	
DID DataObject	10 00 00 00 00 00 00 08 00 FF FF	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH
Supplier Internal Code	460	

BSCM | U1057-00 | Stored | High Speed FD-CAN3 Communication Bus Performance- Record 0

NAME	VALUE	UNITS
DTC	D0 57 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
SnapshotRecordNumber	Record #1	
DTCSnapshotRecordNumberOfIdentifiers	7	
ECU time stamp ID	10 08	
ECU Life Time	3293	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S

Ignition On counter ID	20 0A	
Ignition On counter	36	
Ignition On Counter Realignment	255	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	5.0	V
Operational Mode Status ID	19 21	
DID DataObject	01 00 00 00 00 00 00 01 00 FF FF	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH
Supplier Internal Code	529	

Record 1

NAME	VALUE	UNITS
DTC	D0 57 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
SnapshotRecordNumber	Record #2	
DTCSnapshotRecordNumberOfIdentifiers	7	
ECU time stamp ID	10 08	
ECU Life Time	3298	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	36	
Ignition On Counter Realignment	255	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	5.0	V
Operational Mode Status ID	19 21	
DID DataObject	01 00 00 00 00 00 00 01 00 FF FF	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH
Supplier Internal Code	529	

BSCM | U0420-00 | Stored | Invalid Data Received from Power Steering Control Module "A"-

Record 0

NAME	VALUE	UNITS
DTC	C4 20 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
SnapshotRecordNumber	Record #1	
DTCSnapshotRecordNumberOfIdentifiers	7	
ECU time stamp ID	10 08	
ECU Life Time	245	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	240	S
Ignition On counter ID	20 0A	
Ignition On counter	32	
Ignition On Counter Realignment	255	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	12.4	V
Operational Mode Status ID	19 21	
DID DataObject	04 00 00 00 00 00 00 04 00 FF FF	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH
Supplier Internal Code	705	

Record 1

NAME	VALUE	UNITS
DTC	C4 20 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
SnapshotRecordNumber	Record #2	
DTCSnapshotRecordNumberOfIdentifiers	7	
ECU time stamp ID	10 08	

ECU Life Time	247	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	32	
Ignition On Counter Realignment	255	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	14.2	V
Operational Mode Status ID	19 21	
DID DataObject	40 00 00 00 00 00 00 04 00 FF FF	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH
Supplier Internal Code	705	

BSCM | C121A-00 | Stored | Steering Angle Sensor Not Initialized- Record 0

NAME	VALUE	UNITS
DTC	52 1A 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
SnapshotRecordNumber	Record #1	
DTCSnapshotRecordNumberOfIdentifiers	7	
ECU time stamp ID	10 08	
ECU Life Time	245	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	240	S
Ignition On counter ID	20 0A	
Ignition On counter	32	
Ignition On Counter Realignment	255	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	12.4	V
Operational Mode Status ID	19 21	
DID DataObject	04 00 00 00 00 00 00 04 00 FF FF	
Vehicle Speed ID	10 02	

Vehicle Speed	0	MPH
Supplier Internal Code	820	

Record 1

NAME	VALUE	UNITS
DTC	52 1A 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
SnapshotRecordNumber	Record #2	
DTCSnapshotRecordNumberOfIdentifiers	7	
ECU time stamp ID	10 08	
ECU Life Time	247	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	32	
Ignition On Counter Realignment	255	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	14.1	V
Operational Mode Status ID	19 21	
DID DataObject	40 00 00 00 00 00 00 04 00 FF FF	
Vehicle Speed ID	10 02	
Vehicle Speed	0	MPH
Supplier Internal Code	820	

CADM | C2129-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
DTC	61 29 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	

SnapshotRecordNumber	01	
DTCSnapshotRecordNumberOfIdentifiers	0A	
ECU time stamp ID	10 08	
ECU Life Time	106	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	2	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	6.3	V
Operational Mode Status ID	19 21	
Operational Mode Status	04 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	
Vehicle Speed	0.000	MPH
Engine Speed ID	10 00	
Diagnostic Tool and Session Status ID	10 0B	
Engine Speed	0	1/min
Tester Present Message	Message NOT present on bus	
Default Session	session active	
Program Session	session NOT active	
Extended Session	session NOT active	
Other Session	session NOT active	
Outside Ambient Temperature ID	20 1E	
Outside Ambient Temperature	45.50	°F

Record 1

NAME	VALUE	UNITS
DTC	61 29 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
SnapshotRecordNumber	02	
DTCSnapshotRecordNumberOfIdentifiers	0A	
ECU time stamp ID	10 08	
ECU Life Time	106	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	

Ignition On counter	4	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	5.5	V
Operational Mode Status ID	19 21	
Operational Mode Status	04 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	
Vehicle Speed	0.000	MPH
Engine Speed ID	10 00	
Diagnostic Tool and Session Status ID	10 0B	
Engine Speed	0	1/min
Tester Present Message	Message NOT present on bus	
Default Session	session active	
Program Session	session NOT active	
Extended Session	session NOT active	
Other Session	session NOT active	
Outside Ambient Temperature ID	20 1E	
Outside Ambient Temperature	45.50	°F

CADM | C2227-00 | Stored | ABS Disabled ECU-

Record 0

NAME	VALUE	UNITS
DTC	62 27 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
SnapshotRecordNumber	01	
DTCSnapshotRecordNumberOfIdentifiers	0A	
ECU time stamp ID	10 08	
ECU Life Time	103	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	240	S
Ignition On counter ID	20 0A	
Ignition On counter	1	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	12.2	V
Operational Mode Status ID	19 21	

Operational Mode Status	04 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	
Vehicle Speed	0.000	MPH
Engine Speed ID	10 00	
Diagnostic Tool and Session Status ID	10 0B	
Engine Speed	0	1/min
Tester Present Message	Message NOT present on bus	
Default Session	session active	
Program Session	session NOT active	
Extended Session	session NOT active	
Other Session	session NOT active	
Outside Ambient Temperature ID	20 1E	
Outside Ambient Temperature	102.20	°F

Record 1

NAME	VALUE	UNITS
DTC	62 27 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
SnapshotRecordNumber	02	
DTCSnapshotRecordNumberOfIdentifiers	0A	
ECU time stamp ID	10 08	
ECU Life Time	104	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	1	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	14.3	V
Operational Mode Status ID	19 21	
Operational Mode Status	40 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	
Vehicle Speed	0.000	MPH
Engine Speed ID	10 00	
Diagnostic Tool and Session Status ID	10 0B	
Engine Speed	796	1/min
Tester Present Message	Message NOT present on bus	

Default Session	session active	
Program Session	session NOT active	
Extended Session	session NOT active	
Other Session	session NOT active	
Outside Ambient Temperature ID	20 1E	
Outside Ambient Temperature	102.20	°F

CADM | U0418-00 | Stored | Implausible Data Received From Brake System Control Module 1-Record 0

NAME	VALUE	UNITS
DTC	C4 18 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
SnapshotRecordNumber	01	
DTCSnapshotRecordNumberOfIdentifiers	0A	
ECU time stamp ID	10 08	
ECU Life Time	103	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	240	S
Ignition On counter ID	20 0A	
Ignition On counter	1	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	12.2	V
Operational Mode Status ID	19 21	
Operational Mode Status	04 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	
Vehicle Speed	0.000	MPH
Engine Speed ID	10 00	
Diagnostic Tool and Session Status ID	10 0B	
Engine Speed	0	1/min
Tester Present Message	Message NOT present on bus	
Default Session	session active	
Program Session	session NOT active	
Extended Session	session NOT active	
Other Session	session NOT active	
Outside Ambient Temperature ID	20 1E	
Outside Ambient Temperature	102.20	°F

CADM | U0420-00 | Stored | Invalid Data Received from Power Steering Control Module "A"-

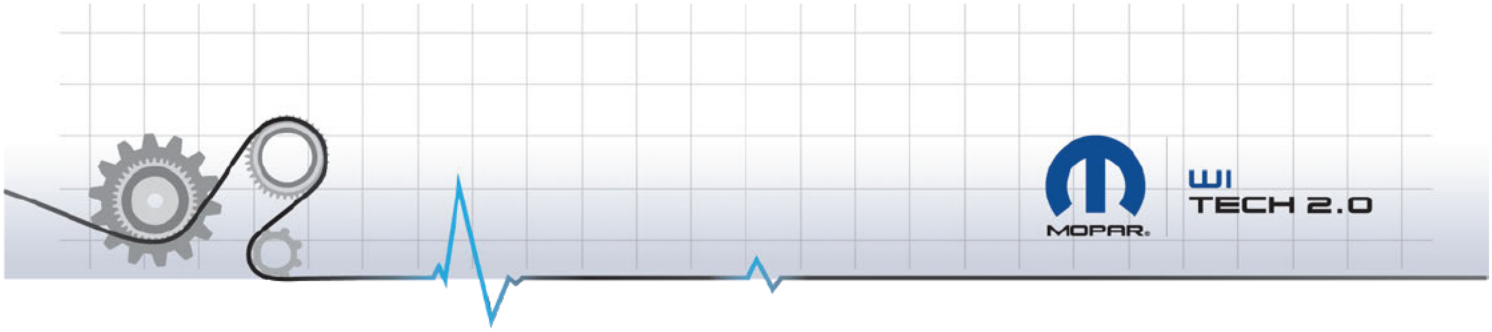
Record 0

NAME	VALUE	UNITS
DTC	C4 20 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
SnapshotRecordNumber	01	
DTCSnapshotRecordNumberOfIdentifiers	0A	
ECU time stamp ID	10 08	
ECU Life Time	103	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	240	S
Ignition On counter ID	20 0A	
Ignition On counter	1	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	12.2	V
Operational Mode Status ID	19 21	
Operational Mode Status	04 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	
Vehicle Speed	0.000	MPH
Engine Speed ID	10 00	
Diagnostic Tool and Session Status ID	10 0B	
Engine Speed	0	1/min
Tester Present Message	Message NOT present on bus	
Default Session	session active	
Program Session	session NOT active	
Extended Session	session NOT active	
Other Session	session NOT active	
Outside Ambient Temperature ID	20 1E	
Outside Ambient Temperature	102.20	°F

Record 1

NAME	VALUE	UNITS
DTC	C4 20 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	

Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
SnapshotRecordNumber	02	
DTCSnapshotRecordNumberOfIdentifiers	0A	
ECU time stamp ID	10 08	
ECU Life Time	104	Min
ECU time stamp from ignition ON ID	10 09	
ECU Time since Ignition ON	0	S
Ignition On counter ID	20 0A	
Ignition On counter	1	
Odometer ID	20 01	
Odometer	0	miles
Battery Voltage ID	10 04	
Battery Voltage	14.3	V
Operational Mode Status ID	19 21	
Operational Mode Status	40 00 00 00 00 00 00 04 00	
Vehicle Speed ID	10 02	
Vehicle Speed	0.000	MPH
Engine Speed ID	10 00	
Diagnostic Tool and Session Status ID	10 0B	
Engine Speed	796	1/min
Tester Present Message	Message NOT present on bus	
Default Session	session active	
Program Session	session NOT active	
Extended Session	session NOT active	
Other Session	session NOT active	
Outside Ambient Temperature ID	20 1E	
Outside Ambient Temperature	102.20	°F



VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1S75MR518048
Odometer 10154.9 miles
Publication Date Jan 19, 2022, 3:28:57 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AE	2C4RC1S75MR518048	2C4RC1S75MR518048	68499122AE
PLGM	Power Liftgate	CAN-I	68466171AI	2C4RC1S75MR518048	—	68466171AI
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1S75MR518048	2C4RC1S75MR518048	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1S75MR518048	2C4RC1S75MR518048	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1S75MR518048	2C4RC1S75MR518048	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1S75MR518048	2C4RC1S75MR518048	68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1S75MR518048	2C4RC1S75MR518048	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1S75MR518048	2C4RC1S75MR518048	68493454AE
DDM	Driver Door Module	CAN-I	68496461AB	2C4RC1S75MR518048	2C4RC1S75MR518048	68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB	2C4RC1S75MR518048	2C4RC1S75MR518048	68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1S75MR518048	2C4RC1S75MR518048	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1S75MR518048	2C4RC1S75MR518048	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1S75MR518048	2C4RC1S75MR518048	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1S75MR518048	2C4RC1S75MR518048	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1S75MR518048	2C4RC1S75MR518048	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB	2C4RC1S75MR518048	2C4RC1S75MR518048	68517013AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1S75MR518048	2C4RC1S75MR518048	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1S75MR518048	2C4RC1S75MR518048	68434960AE
PTS	Parktronics	CAN-C	68485862AA	2C4RC1S75MR518048	2C4RC1S75MR518048	68485862AA
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1S75MR518048	2C4RC1S75MR518048	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1S75MR518048	2C4RC1S75MR518048	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AA	2C4RC1S75MR518048	2C4RC1S75MR518048	68540436AA
RADIO	Radio	CAN-I	68465292AC	2C4RC1S75MR518048	2C4RC1S75MR518048	68465292AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1S75MR518048	2C4RC1S75MR518048	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1S75MR518048	2C4RC1S75MR518048	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S75MR518048	2C4RC1S75MR518048	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S75MR518048	2C4RC1S75MR518048	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1S75MR518048	2C4RC1S75MR518048	68493395AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1S75MR518048	2C4RC1S75MR518048	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE	2C4RC1S75MR518048	2C4RC1S75MR518048	05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AH	2C4RC1S75MR518048	2C4RC1S75MR518048	05185116AH
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1S75MR518048	2C4RC1S75MR518048	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1S75MR518048	2C4RC1S75MR518048	68321862AC
DSM	Display Screen Module	CAN-I	68437339AD	2C4RC1S75MR518048	2C4RC1S75MR518048	68437339AD
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA	2C4RC1S75MR518048	2C4RC1S75MR518048	6WL30PD2AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1S75MR518048	2C4RC1S75MR518048	56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1S75MR518048	2C4RC1S75MR518048	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AH	2C4RC1S75MR518048	2C4RC1S75MR518048	05185117AH
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1S75MR518048	2C4RC1S75MR518048	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1S75MR518048	2C4RC1S75MR518048	68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		2C4RC1S75MR518048	68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1S75MR518048	2C4RC1S75MR518048	68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	75 01 01	4422	F2DB13B9
PLGM	USA	0	5084	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	

HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	879F1587 D754327D 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	
TBM2	USA	13 0E 02	14 2A 5C	4104	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
MSM	B233C-00	Commanded Position Not Reachable-	Active
HCP	P0A43-00	Drive Motor "A" Position Sensor Circuit Intermittent-	Stored
DSM	B156D-00	Low Voltage Differential Signal (LVDS) Video Cable-	Stored

ENVIRONMENTAL DATA SUMMARY

MSM | B233C-00 | Active | Commanded Position Not Reachable-

NAME	VALUE	UNITS
Failed Movement Information - Horizontal Motor	Movement aborted by operator	
Failed Movement Information - Recliner Motor	No Failed Movement	
Failed Movement Information - Vertical Front Motor	No Failed Movement	
Failed Movement Information - Vertical Rear Motor	No Failed Movement	
Obstacle Detection Location - Horizontal Motor	No Obstacle Detected	Counts
Horizontal Motor Position - end of movement	32843	Counts
Recliner Motor Position - end of movement	32178	Counts
Vertical Front Motor Position - end of movement	33143	Counts
Vertical Rear Motor Position - end of movement	32370	Counts
Horizontal Motor Position - start of movement	32539	Counts
Recliner Motor Position - start of movement	32178	Counts
Vertical Front Motor Position - start of movement	33143	Counts
Vertical Rear Motor Position - start of movement	32370	Counts
ECU Voltage - at start of movement	2F96	Volts
ECU Voltage - minimum voltage during movement	2DDA	Volts
Movement Direction - Recliner Motor	Motor not moving	
Movement Direction - Horizontal Motor	Forward / Up	
Movement Direction - Vertical Front Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	

HCP | P0A43-00 | Stored | Drive Motor "A" Position Sensor Circuit Intermittent-

NAME	VALUE	UNITS
DTC	0A 43 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	10149.7	miles
Most Recent Odometer Value	10149.7	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	34985380	sec
RAM stamps keyOn	525	sec
RAM Stamps	50451	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	

PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	79	%
Ignition State	Reserved	
PRND Position Display	D	
Propulsion System Active	False	
Vehicle Speed	76.8607	MPH
Motor A Temp Sensor	109	°F
Motor B Temp Sensor	104	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	127	°F
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Angle Offset	0.40	Degree
Motor B Resolver Angle Offset	2.80	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	No fault	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Battery Feed Voltage 2 Sense	14.760	Volts
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.136	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	1.936	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	88.403	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-88.403	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor A Speed	-10405.0	rpm
Electric Motor B Speed	8444.0	rpm
Battery Feed Voltage 1 Sense	14.832	Volts
Battery Feed Voltage 3 Sense	14.616	Volts
Hybrid System State	Determine Hybrid System State	
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-8	AMP
Motor B - Inverter Current - phase C	0	AMP
Outside Air Temperature	60.8	°F
HCP ePT Wake-Up Output	On	

CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	372.90	Volts
PIM DC Link Voltage - A	374	Volts
PIM DC Link Voltage - B	373	Volts
Inverter A IGBT Temperature for phase A	73	°F
Inverter A IGBT Temperature for phase B	72	°F
Inverter A IGBT Temperature for phase C	73	°F
Inverter B IGBT Temperature for phase A	68	°F
Inverter B IGBT Temperature for phase B	70	°F
Inverter B IGBT Temperature for phase C	70	°F
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	1.936	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
GPS Date - Year	2022	Year
GPS Date - Month	1	
GPS Date - Day	19	Days
UTC Time - Hours	20	Hours
UTC Time - Minutes	15	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	494	ms

DSM | B156D-00 | Stored | Low Voltage Differential Signal (LVDS) Video Cable-

NAME	VALUE	UNITS
DTC	95 6D 00	
Test Failed	False	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	10031	miles

Most Recent Odometer Value	10031	miles
Frequency Counter	1	
Ignition Cycle Counter	21	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for B233C-00

No Snapshot Data available for P0A43-00

No Snapshot Data available for B156D-00



Trans FLUID R# 129457
MR518048

TRANS FLUID

RO# 129457
MR518048