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CONFIGURATION REPORT

Vehicle 2023 JEEP WRANGLER 2.0L I4 DOHC DI TURBO PHEV ENGINE
VIN [redacted]

Odometer 80.5 km
Publication Date May 18, 2023, 11:48:39 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C	68620361AB	[redacted]		68620361AB
PCM	Powertrain Control Module	CAN-C	68614848AC			68614848AC
ICS	Integrated Center Stack	CAN-I	6SX95DX9AE			6SX95DX9AE
RFH	Radio Frequency Hub	CAN-C	56029925AB			56029925AB
ESM	Electronic Shifter	CAN-C	68620948AA			68620948AA
DTCM	Drive Train Control Module	CAN-C	68611937AA			68611937AA
ORC	Occupant Restraint	CAN-C	68526670AB			68526670AB
EPS	Electric Power Steering	CAN-C	68529427AD			68529427AD
HVAC	Heat, Ventilation and A/C	CAN-I	52080486AB			52080486AB
CSWM	Comfort Seat Wheel Module	CAN-I	68530204AB			68530204AB
AMP	Amplifier	CAN-I	68549084AC			68549084AC
IPC	Instrument Panel Cluster	CAN-C	68525023AD			68525023AD
SCCM	Steering Column Control Module	CAN-C	68599295AA			68599295AA
BCM	Body Controller	CAN-C	68525356AC			68525355AC
RADIO	Radio	CAN-I	68615156AB			68615156AB
OCM	Occupant Classification	CAN-C	68582577AB			68582577AB
BPCM	Battery Pack Control Module	CAN-C	05193168AK			05193168AK
HCP	Hybrid Control Processor	CAN-C	68614244AC			68614244AC
AHCP	Auxiliary Hybrid Control Processor	CAN-C	68614243AC			68614243AC
ABSO	Anti Lock Brakes OBD	CAN-C	68596542AB			68596542AB

[redacted]

SGW	Security Gateway Module	CAN-C	68532299AB	[redacted]	68532299AB
DPDM	Driver Presence Detection Module	CAN-C	68582578AB		68582578AB
IDCM	Integrated Dual Charge Module	CAN-C	05185035AS		05185035AS

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
TCM	USA / USA	13 05 0E	16 1C 00	4700	[redacted]	4AB842E6
PCM	USA	1D 47	21 22 00	4928		A337D9ED
ICS	USA	10 1E 00	14 33 00	4802		
RFH	USA / USA	10 17 00	15 1D 00	4604		
ESM	USA	15 18 00	12 2A 00	4322		
DTCM	USA	11 22 00	16 1F 01	4501		
ORC	USA	14 0B 00	14 12 01	4501		
EPS	USA	10 13 00	16 0B DC	4005		
HVAC	USA	13 20 00	15 01 01	4420		
CSWM	USA	11 2A 00	15 06 00	4202		
AMP	USA	21 01 01	15 29 00	4034		
IPC	USA	21 2C 00	16 19 01	4805		
SCCM	USA	13 28 00	13 29 00	4301		
BCM	USA	0D 11 00	15 21 50	4630		
RADIO	USA	16 22 11	16 22 11	8205		
OCM	USA	15 17 01	16 13 02	4151		
BPCM	Rest of world / ROW	13 0C 04	16 0F 44	5701		C62EF393
HCP	USA	16 09 06	16 2A 01	5403		665178C3 8D7568A3 4B0D83D8
AHCP	USA	16 09 06	14 33 01	5600		
ABSO	USA	16 15 00	16 18 03	4300		487C0506
SGW		6	1125	4103		
DPDM	USA	15 18 01	16 13 02	4600		
IDCM	USA	15 0E 00		4000		

CONFIGURATION

TCM CONFIGURATION

NAME	VALUE	UNITS
Autostick/ERS On/Off Switch Equipped	False	
Paddle-Shift Switches Equipped	False	
Shifter with Sport Mode Position Equipped	False	
Shifter with Low Mode Position Equipped	False	
Sport Mode Switch or Virtual Switch (Non-Terrain) Equipped	False	
Overdrive Off or Tow Haul Mode Switch or Virtual Switch (Non-Terrain) Equipped	False	
ECO/Optimizer Switch Equipped	False	
ERS/Autostick/Tip Non-paddle on Steering Wheel equipped	True	

[redacted]

ERS/Autostick/Tip Non-paddle on Shifter in D position equipped	False	
ERS/Autostick/Tip Non-paddle on Shifter in A or M position equipped	False	
FWD Equipped	False	
RWD Equipped	False	
AWD Equipped	False	
4WD with switchable Lo Range equipped	False	
Engine Start/Stop equipped	False	
Polystable E-shift (Cableless without return-to-center) equipped	False	
Long Learn Enabled	False	
Short Learn Enabled	False	

PCM CONFIGURATION

NAME	VALUE	UNITS
AC Equipped	False	
AC Equipped Over Bus	False	
Power Steering Switch Equipped	False	
4 Button Integrated Cruise Control	False	
EMAT (Getrag DCT transmission) Equipped	False	
Vehicle Speed Sensor #1 Calculated from CAN	False	
Police Package Equipped	False	
Unleaded Gasoline Fuel	True	
Unleaded diesel fuel	False	
6.4 Liter V8 Engine	False	
4 Speed Automatic Transmission Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
4.7 Liter V8 Engine	False	
5.7 Liter V8 Engine	False	
6.1 Liter V8 Engine	False	
Sensorless FFV Enabled	False	
Electronic Throttle Control Equipped	True	
3.6 Liter V6 Engine	False	
4.0 Liter I6 Engine	False	
3.8 Liter V6 Engine	False	
3.7 Liter V6 Engine	False	
3.5 Liter V6 Engine	False	
3.3 Liter V6 Engine	False	
3.2 Liter V6 Engine	False	
2.7 Liter V6 Engine	False	
MTV Solenoid Equipped	False	
MDS Equipped	False	
Turbocharger Equipped	True	
SRV Equipped	False	
Secondary Air Equipped	False	

Shift Indicator Lamp Equipped	False	
Barometric Sensor Equipped	True	
TIP Equipped	True	
Battery Temp Sensor Equipped	False	
Knock Sensor 1 Equipped	True	
Knock Sensor 2 Equipped	True	
WI4 Variable Valve Timing Equipped	True	
Clutch Interlock Switch Equipped	False	
ESIM Equipped	False	
Linear Purge Equipped	False	
Linear EGR Equipped	False	
Continuous Variable Transmission Equipped	False	
Direct Injection Equipped	True	
Secondary Fuel Pump Equipped	False	
Electronic Coolant Pump Equipped	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	False	
O2 Sensor Bank 2 Sensor 2 Equipped	False	
Variable Displacement AC Equipped	False	
Fixed displacement AC Equipped	False	
WI4 Intake Flow Control Valve Equipped	False	
Electric Coolant Valve Equipped	False	
Engine Oil Heater Cooler Equipped	True	
Transmission Oil Heater Equipped	False	
Electric Water Pump Equipped	False	
Rear Heater Equipped	False	
Starter Relay 2 Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Active Grille Shutter Equipped	False	
Electronic Vacuum Pump Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	True	
Wide Range O2 Sensor 2/1 Equipped	False	
MultiAir Equipped	False	
Engine Stop Start Equipped	False	
Viscosity Sensor Equipped	False	
Duty Cycle Purge Valve Equipped	True	
Electric Thermostat Heater Equipped	False	
Exhaust Cam 1 Equipped	True	
Intake Cam 1 Equipped	True	
1.8 Liter WI4 engine	False	
2.0 Liter WI4 engine	False	
2.4 Liter WI4 engine	False	

3.0 Liter V6 Engine	False	
Tumble Generator Valve Equipped	False	
Hybrid Electric Vehicle Equipped	True	
Auxiliary Heater Electric Water Pump Equipped	False	
Dual Speed Fuel Pump Equipped	False	
Exhaust Cam 2 Equipped	False	
Intake Cam 2 Equipped	False	
1 Speed Fan Mechanical Relay System Equipped	False	
2 Speed Fan Mechanical Relay System Equipped	False	
2 Speed Fan PWM Relay System Equipped	False	
Linear PWM Fan Relay System Equipped	True	
PWM Fan Motor System Equipped	False	
3 Speed Fan Mechanical Relay System Equipped	False	
Fan Wake Up Relay System Equipped	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
40TE / 41TE / 41TEA	False	
42RLE	False	
45RFE / 545RFE / 65RFE	False	
62TE	False	
66RFE / 68RFE	False	
VLP Is Learnable Indicator	False	
VLP Equipped Indicator	False	
VFS Actuators Available Indicator	False	
ERS Equipped Indicator	False	
Engine Software In Package	True	
Transmission Software Included	False	
ICC Cruise Equipped	False	
ETC Cruise equipped	False	
Adaptive Cruise Control Equipped	False	
A/C Equipped	False	
Adaptive Cruise Control Hardware Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
GPEC2 Equipped	False	
GPEC2A Equipped	False	
GPEC3 Equipped	False	
Cummins Equipped	False	
GPEC4 Equipped	True	
VMM Equipped	False	
Powernet Equipped	False	
CUSW (29-Bit) Equipped	False	
CUSW (11-Bit) Equipped	False	
Fiat 940 Compact Equipped	False	
Next Gen Bus Equipped	False	

Constant Heater Temperature Control Valve Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
CMCV H-Bridge Equipped	Undefined	
Turbine Volute Valve Actuator Equipped	Undefined	
Wastegate H-Bridge Equipped	01	
Active Exhaust Valve Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Engine Idle Shutoff Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
Cooled EGR Equipped	True	
Supercharger Equipped	False	
Low Temperature Radiator Coolant Pump Equipped	False	
Mechanical Coolant Pump Heater Equipped	False	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Compressed Natural Gas Equipped	False	
CUSW PROXI Write Programming Support Enabled	True	
Active Engine Mount Equipped	False	
ZF 9-Speed Transmission Equipped	False	
HPT 6-Speed Transmission Equipped	False	
Variable Speed Fuel Pump Equipped	True	
Operator Idle Speed Request Equipped	False	
PTO System Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
Dual Stage Oil Pump Equipped	True	
Auxiliary Coolant Pump Equipped	True	
Trans Skip Shift Equipped	False	
Trans Reverse Lockout Equipped	False	
Port Flap Valve Equipped	False	
Brushless PWM Fan Equipped	FAN_PWM_BOSCH_BRUSHLESS_CNFG	
6.2 Liter V8 Engine	False	
Primary Lin Alternator Equipped	False	
Coolant On-Off Pump Equipped	True	
Oil Pressure Sensor Enabled	True	
Fiat VIN Learning Strategy Equipped	False	
Dual Fuel Tank Equipped	False	
Yaw Rate Sensor ESC Equipped	True	
1.0 Liter I3 Engine	False	
Coolant On-Off Valve Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Throttle Inlet Temp Sensor Equipped	True	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	

Dual Fuel Pressure Sensor Equipped	False	
Brake Pedal Sensor Equipped	True	
Dual Fuel Tank Equipped	False	
PTO System Equipped	False	
Low Temp Radiator Coolant Pump Equipped	False	
Engine Idle Shutoff Equipped	False	
A/C Relay Powered from Engine Switched Battery	False	
CNG Large Gas Tank Equipped	False	
Cooled EGR Equipped	True	
Supercharger Equipped	False	
Hybrid MEC Shifter Equipped	False	
Dual Alternator Gen1 Capable	False	
Auxillary Coolant Pump Equipped	True	
ZF 9-Speed Trans Equipped	False	
HPT 6-Speed Trans Equipped	False	
CUSW 4-Button Cruise Equipped	False	
Power Steering Angle Sensor Mandatory	False	
Throttle Inlet Temp Sensor Equipped	True	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Brake Pedal Sensor Equipped	True	
Clutch Sensor Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	True	
Mass Airflow System Equipped	False	
Bi-Directional Crank Sensor Equipped	True	
5 Button Cruise (LIN) Equipped	True	
Operator Idle Speed Request Equipped	False	
INTAKE O2 SENSOR EQUIPPED	False	
Cylinder Pressure Sensor Equipped	False	
Make Up Air Sensor Equipped	True	
Active Exhaust Pressure Sensor Equipped	False	
Secondary Mass Airflow Sensor Equipped	False	
1.0 Liter I3 Engine	False	
2.0 Liter I4 Direct Injection Engine	True	
Variable Valve Lift Equipped	Not Equipped	
Coolant On-Off Pump Equipped	Equipped	
Primary Lin Alternator Equipped	Not Equipped	
Electronic Parking Brake Equipped	False	
Active Exhaust Valve(s) Equipped	False	
Mechanical Coolant Pump Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Heater Temp Control Valve Equipped	False	
High Side Port Tumble Valve Equipped	False	
Wastegate HBridge Equipped	True	

Remote Start Present	Present	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
PIN Successfully Programmed	Yes	
VIN Successfully Programmed	Yes	
Valid Key In Ignition	Yes	
Keyless Go	True	
Ignition system type connected	KIN system	
e-shifter present	True	
Auto Park Present	True	
Secret Codes Programmed	True	
Passive Entry	False	
RKE	True	
Module Configuration Status	True	
Remote Start Present	True	
$0214 Programmed by	Programmed by FCA manufacturing	
Hardware Configuration: Remote Start Antenna	Present	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Trunk Door Handle H/W	Serial AP	
RFHub Locked	RFHUB Locked after IAC write	
Fob Location #1 Successfully Programmed	Yes	
Fob Location #2 Successfully Programmed	Yes	
Fob Location #3 Successfully Programmed	No	
Fob Location #4 Successfully Programmed	No	
Fob Location #5 Successfully Programmed	No	
Fob Location #6 Successfully Programmed	No	
Fob Location #7 Successfully Programmed	No	
Fob Location #8 Successfully Programmed	No	
Back Up Vehicle Config 1	True	
Back Up Vehicle Config 2	True	
Back Up Vehicle Config 3	True	
Back Up Vehicle Config 4	True	
Back Up Vehicle Config 5	True	

[redacted]

Back Up Vehicle Config 6	True	
Back Up Vehicle Config 7	True	
Back Up ECU Configuration 1	True	
Back Up ECU Configuration 2	True	
Back Up ECU Configuration 3	True	
Back Up ECU Configuration 4	True	
Back Up ECU Configuration 5	True	
Back Up ECU Configuration 6	True	
Back Up ECU Configuration 7	True	
Back Up ECU Configuration 8	True	
Back Up ECU Configuration 9	True	
Back Up ECU Configuration 10	True	
Back Up ECU Configuration 11	True	
Back Up ECU Configuration 12	True	
Back Up ECU Configuration 13	True	
Back Up ECU Configuration 14	True	
Back Up ECU Configuration 15	True	
Back Up ECU Configuration 16	True	
Back Up ECU Configuration 17	True	
Back Up Customer Settings Menu 1 (CSM1)	True	
Back Up Customer Settings Menu 2 (CSM2)	True	
Back Up Programmed ECUs: Cabin Network	True	
Back Up Programmed ECUs: P/T Chassis Network	True	
Secret Key Sent to Body Controller - Most recent attempt	Yes	
Secret Key Sent to Body Controller - Original attempt	Yes	
Base TPM Present	Not Set	
Full Size Matching Spare Tire Present	Set	
ECU Ship Status	Normal Mode	
Tire Pressure System	True	
Selectable Tire Fill Alert	False	
TPM Auto-Locate Enabled	True	
TPMS Configuration	Logic 1 NHTSA Enable Warning	

DTCM CONFIGURATION

NAME	VALUE	UNITS
Full-Time T-Case	True	
Front Locker Present	False	
Rear Locker Present	False	
FAD Present	True	
Mode Switch Present	True	
Left/Right Hand Drive	Left Hand Drive	
Axle Ratio	3.730	
T-Case Type	MPT 3025C	
SRT Present	No	

ORC CONFIGURATION

NAME	VALUE	UNITS
Rollover Sensing	Not Configured	
EPPM	Not Configured	
Occupant Classification (OCM)	Configured	
First Row Driver Seatbelt Buckle Switch	Configured	
First Row Passenger Seatbelt Buckle Switch	Configured	
Second Row Left seat belt Switch	Not Configured	
Second Row Center seat belt Switch	Not Configured	
Second Row Right seat belt Switch	Not Configured	
Driver Seat Track Position Sensor	Configured	
Passenger Seat Track Position Sensor	Configured	
Passenger Occupant Detection Sensor	Not Configured	
Passenger Airbag Disable Switch	Not Configured	
Passenger Airbag Disable Indicator	Configured	
Driver Frontal Squib 1	Configured	
Driver Frontal Squib 2	Configured	
Driver Frontal Squib 3	Configured	
Passenger Frontal Squib 1	Configured	
Passenger Frontal Squib 2	Configured	
Passenger Frontal Squib 3	Configured	
Driver Knee Bolster Squib	Not Configured	
Passenger Knee Bolster Squib	Not Configured	
Driver Seatbelt Retractor Pretensioner	Configured	
Passenger Seatbelt Retractor Pretensioner	Configured	
Driver Seatbelt Load Limiter	Configured	
Passenger Seatbelt Load Limiter	Configured	
Driver Seatbelt Anchor Pretensioner	Configured	
Passenger Seatbelt Anchor Pretensioner	Configured	
Driver Seatbelt Buckle Pretensioner	Not Configured	
Passenger Seatbelt Buckle Pretensioner	Not Configured	
Left Curtain Squib 1	Not Configured	
Right Curtain Squib 1	Not Configured	
Left Side Seat Squib 1	Configured	
Right Side Seat Squib 1	Configured	
Second Row Left Seat Side Airbag	Not Configured	
Second Row Right Seat Side Airbag	Not Configured	
Driver Frontal Squib 4	Not Configured	
Passenger Frontal Squib 4	Not Configured	
Left Up-Front Acceleration Sensor	Configured	
Right Up-Front Acceleration Sensor	Configured	
Right B-Pillar Impact Acceleration Sensor	Configured	
Left B-Pillar Impact Acceleration Sensor	Configured	
Left C-Pillar Impact Acceleration Sensor	Not Configured	

Right C-Pillar Impact Acceleration Sensor	Not Configured	
Right D-Pillar Impact Acceleration Sensor	Not Configured	
Left D-Pillar Impact Acceleration Sensor	Not Configured	
Left Side Door Pressure Sensor	Not Configured	
Right Side Door Pressure Sensor	Not Configured	
Configuration Column Identifier	A2	

HVAC CONFIGURATION

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

AMP CONFIGURATION

NAME	VALUE	UNITS
ANC Calibration Date - Year	20	
ANC Calibration Date - Week	6	
ANC Calibration Date - Patch Level	0	
Current ANC Calibration ID - Service	B602	
ANC Status	Off - Door Mute	
Surround Sound Activated	Not Set	
Door Module - Left Front	Not Present	
Door Module - Right Front	Not Present	
Premuim - 1	False	
Premuim - 2	True	
Premuim - 3	False	
Non -ANC	False	
No Rear Doors	True	
No HALF Chimes	True	

IPC CONFIGURATION

NAME	VALUE	UNITS
Main Fuel Tank Gauge - Empty Stop Calibration	0.000	Volts
Main Fuel Tank Gauge -1/4th Datum Calibration	0.000	Volts
Main Fuel Tank Gauge - 1/2 Datum Calibration	0.000	Volts
Main Fuel Tank Gauge - 3/4 Datum Calibration	0.000	Volts
Main Fuel Tank Gauge - Full Stop Calibration	0.000	Volts
Sub Fuel Tank Gauge - Empty Stop Calibration	0.000	Volts
Sub Fuel Tank Gauge - 1/4 Datum Calibration	0.000	Volts
Sub Fuel Tank Gauge - 1/2 Datum Calibration	0.000	Volts

[redacted]

Sub Fuel Tank Gauge - 3/4 Datum Calibration	0.000	Volts
Sub Fuel Tank Gauge - Full Stop Calibration	0.000	Volts

SCCM CONFIGURATION

NAME	VALUE	UNITS
Rear Wiper	True	
Tilt Telescope	False	
Paddle Shifter	False	
Cruise Control / ACC	True	

BCM CONFIGURATION

NAME	VALUE	UNITS
RBSM	Not Set	
LBSM	Not Set	
BCM (Interior Bus)	Set	
HSM	Set	
HVAC	Set	
PTCM	Not Set	
Radio	Set	
ITM	Not Set	
AMP	Set	
EDM	Not Set	
HVAC_R	Not Set	
TBM	Not Set	
AHLM/AFLS	Not Set	
ASCM	Not Set	
BCM (PT)	Set	
DTCM	Set	
PCM	Set	
EPS	Set	
ESM	Set	
ABS	Not Set	
RFH	Set	
IPC	Set	
ORC	Set	
PTS	Not Set	
SCCM	Set	
ELSD	Not Set	
TCM	Set	
TPM	Not Set	
AFLS	Not Set	
ITBM	Not Set	
OCM	Set	
DPDM	Set	

SGW	Set	
ASBS	Not Set	
ANC	Not Set	
Number of Reprogramming Attempts - Counter #0	0	
Vehicle Configuration Programmed Status	True	
Last Programmed Status	Manufacturing	
Last Configuration Odometer	0	km
Vehicle Configuration Auto Write Counter	1	
Vehicle Configuration 1 - Write Counter	2	
Vehicle Configuration 2 - Write Counter	2	
Vehicle Configuration 3 - Write Counter	4	
Vehicle Configuration 4 - Write Counter	2	
Vehicle Configuration 5 - Write Counter	2	
Vehicle Configuration 6 - Write Counter	2	
Programmed ECUs: Cabin Network	2	
Programmed ECUs: P/T Chassis Network	2	
Programmed Network Configuration - Audio / Telematics Network	2	
Programmed ECUs: Hybrid LAN Network	2	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	2	
ECU Configuration 2 (CBC Features)	2	
ECU Configuration 3	2	
ECU Configuration 4	2	
ECU Configuration 5 (Wireless)	2	
ECU Configuration 5 (Doors)	2	
ECU Configuration 5 (Memory)	2	
ECU Configuration 6 (Brake)	2	
ECU Configuration 6 (Suspension)	2	
ECU Configuration 6 (Powertrain)	2	
ECU Configuration 6 (Safety)	2	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	2	
ECU Configuration 8 (LIN and Miscellaneous)	2	
ECU Configuration 9A	2	
ECU Configuration 9 (ITM)	2	
ECU Configuration 10	2	
ECU Configuration 11	2	
ECU Configuration 12	2	
ECU Configuration 13	2	
ECU Configuration 14	2	
ECU Configuration 15 (CBC Features)	2	
ECU Configuration 15 (Suspension)	2	
Vehicle Configuration 7 - Write Counter	2	
Vehicle Config CSM1	2	
Vehicle Config CSM2	2	
Model Year	2023	

Vehicle Line	JL	
Country Code	USA	
Left/Right Hand Drive	Left Hand Drive	
Remote Start Present	Set	
Drive Configuration	Selectable 4wd	
Emode Present	Not Set	
Auto Highbeam	Not Set	
Body Style	4-Door Hatchback	
Maximum Vehicle Speed	152	km/hr
Shifter Type	5 Pos Polystable Eshifter / Type PS5	
Performance Pages Present	Not Present	
Special Packages	Default	
PTS Configuration	Semi Automatic / Semi Automatic	
Hill Descent Feature Present	Not Set	
Select Speed Control Feature Present	Set	
Power Inverter Type	No Power Inverter	
Thatcham Present	Not Set	
Rain Sensor Present	Not Set	
SKIM System Present	Not Set	
Air Conditioning Present	Set	
Cruise Feature is Present	Set	
Flipper Glass Present	Not Set	
Full Size Spare	Set	
Off Road Capable	Not Set	
Special Packages	Wrangler Sport	
Max Load Inflation Pressure Rear Tire	255.1	kPa
Max Load Inflation Pressure Front Tire	255.1	kPa
Light Load Inflation Pressure Rear Tire	0.0	kPa
Police Lighting Feature	Not Set	
Power Lift Gate Present	Not Set	
Power Right Sliding Door Present	Not Set	
Power Left Sliding Door Present	Not Set	
RKE System Present	Set	
Sunshade Present	Not Set	
T-Case Type	Transfer Case 246 / Transfer Case 246	
Wheel Base	Long wheel base (140" & 149" Ram Truck) / LONG	
FOBIK Safe Enable	Set	
ELV Present	Not Set	
Fuel Capacity	64	Liters
Window Express Feature Configuration	Drivers window express only	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Auto Headlamp Feature Present	Set	
Door Alert Feature Present	Not Set	
Two Fuel Sending Units Present	Not Set	

Vehicle is an SRT	Not Set	
Disable Display of Radio Clock	Not Set	
Chassis Type	Type 81	
Display Outside Temperature Present	Set	
HVAC Configuration	Dual Zone ATC	
Vehicle Brand	Jeep	
Display Compass Heading Present	Set	
Interior EC Mirror Present	Set	
ESCL system present	Not Set	
High Intensity Discharge Head Lamps	Not Set	
Secondary Lock Present	Not Set	
Liftgate/Trunk Type	Manual Liftgate	
Collision Mitigation System present	Not Set	
Forward Collision Warning present	Not Set	
Base TPM system present	Not Set	
Premium TPM system present	Set	
Paddle Shift Feature Present	Not Set	
Sport Mode Present	Not Set	
Auto Park Present	Set	
Passive Entry Present	Not Set	
Keyless Go Present	Set	
Transfer Case High Ratio	1.000	No Unit
Axle Ratio	3.730	
Transfer Case Low Range Reduction Ratio	2.720	
Dynamic Tire Circumference (All or Rear)	2495	mm
Dual Rear Wheel (DRW) Vehicle Present	Not Set	
Non-Regulated Tire Pressure Information System (TPIS) Present	Not Set	
Steering Ratio at zero	0.0	No Unit
Steering Ratio at Positive Angle 1	0.0	No Unit
Steering Ratio at Positive Angle 2	0.0	No Unit
Steering Ratio at Positive Angle 3	0.0	No Unit
Steering Ratio at Positive Angle 4	0.0	No Unit
Steering Ratio at Positive Angle 5	0.0	No Unit
Analog Door Sensor Configuration	All Doors have Analog Sensors	
Air Quality System Present	Not Set	
Steering Ratio at Negative Angle 1	0.0	No Unit
Steering Ratio at Negative Angle 2	0.0	No Unit
Steering Ratio at Negative Angle 3	0.0	No Unit
Steering Ratio at Negative Angle 4	0.0	No Unit
Steering Ratio at Negative Angle 5	0.0	No Unit
Ambient Light Dimmer Wheel Input Present Pin G9	Not Set	
Low Beam Output Present - Pin A3, D2	Set	
Rear Wiper Motor Park Present - Pin E29	Set	
Left Rear Door Ajar Input Present - Pin F23	Set	

Front Driver Analog Door Ajar Input Present - Pin F9	Set	
Reserved - Pin G12	Not Set	
Horn Switch Input Present - Pin F29	Set	
Reserved - Pin E15	Not Set	
Hood Ajar Switch Input Present - Pin A11	Set	
Hard Top Sense Present - Pin E14	Set	
Reserved - F21	Not Set	
Reserved - Pin D20	Not Set	
Passenger Door Ajar Signal Present - Pin G18	Set	
Reserved - Pin E47	Not Set	
Reserved - Pin E35	Not Set	
Starter Relay Lowside Coil Drive - Pin D7	Not Set	
Diesel Cabin Heater #2 Output Present - Pin D9	Not Set	
Diesel Cabin Heater #3 Output Present - Pin D10	Not Set	
Diesel Cabin Heater #1 Output Present - Pin D11	Not Set	
Right Dedicated DRL Lamp Output Present - Pin A22	Set	
Left Dedicated DRL Lamps Output Present - Pin D15	Set	
Flipper Glass #2 Output Present	Not Set	
Foot Well Lamps Output Present - Pin G24	Set	
Front Fog Lamps Output Present - Pin A1 & D13	Set	
Inverter Enable Relay Output Present - Pin F35	Not Set	
Reserved - E20	Not Set	
Gated Park ZFII Output Present - Pin D-24	Set	
Reserved - Pin E21	Not Set	
Rear Fog Lamps Output Present - Pin E39 & F5	Not Set	
Rear Park Lamps Output Present - Pin E4 & F32	Set	
Rear Turn Lamps Output Present - Pin E3 & F42	Not Set	
Run-ACC Y Relay #2 Output Present - Pin E9	Set	
Side Markers Output Present - Pin A10 & D5	Set	
Trailer Backup Lamps Output Present - Pin E23	Not Set	
Reserved - Pin F4	Not Set	
UGDO Feed Output Present - Pin G15	Set	
VTA Warning LED Output Present - Pin G22	Set	
Park Brake Input Present - Pin E11	Set	
Ambient Temperature Sensor Present - Pin D22	Set	
Tip Start Enabled	Set	
Dual Start Relay System Present	Not Set	
Wiper Service Position Enabled	Not Set	
Trailer Tow Present	Not Set	
Quad Headlamps Enable	Set	
Horn Chirp Allowed	Set	
Bi Xenon Headlamps Enable	Not Set	
Hazard Lamp Configuration	Latching Switch	
Park Lamp Loadshed Enable	Set	

[redacted]

Front Fog Lamp Dropout Enable	Set	
Combined Rear Lighting Enable	Set	
Side Repeaters Enable	Not Set	
One Touch Lane Change	Set	
Exterior Light Loadshed Enable	Set	
Front Wiper Park Enable	Set	
Rear Wiper Park Enable	Set	
Reversible Washer Pump Enable	Set	
Single Element Tail Lamp	Not Set	
DRL Configuration	Optional DRL	
DRL Lamp Location	Dedicated	
DRL Dropout Enable	Set	
Tunnel Detection	Not Set	
Military Vehicle Present	Not Set	
LED Reverse Lamps Present	Not Set	
LED Stop Lamps Present	Not Set	
LED Rear Turn Lamps Present	Not Set	
LED Tail Lamps Present	Not Set	
LED Rear Fog Lamps Present	Set	
LED License Lamps Present	Set	
LED Front Turn Lamps Present	Set	
LED Front Fog Lamps Present	Set	
LED Dedicated DRL Present	Set	
LED Low Beam Lamps Present	Set	
LED High Beam Lamps Present	Set	
LED Front Park/Marker Lamps Present	Set	
Door Lock Switch Signal FT LT Usage (F9)	Reserved	
Door Lock Switch Signal FT RT Usage (F23)	Reserved	
Headlamp Wash Interval	wash cycle#11	
Headlamp Wash Shot	Single	
Front Wiper Wipes After Wash	2 Wipes	
Headlamp Washer Low Fluid Shut-Off Enable	Not Set	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
LED CHMSL Lamp Present	Set	
Rear Camera Present	Set	
Power Inverter Present	Not Set	
Front Park Assist Present	Not Set	
Front Heated Seats Present	Set	
Front Ventilated Seats Present	Not Set	
Destination	United States of America	
Cabin Equilization Curve Number	JL 4 Door Premium Top On (Alpine 12ch)	
Hill Start Assist Customer Setting Option Present	Set	
Radio Apps Present	Not Set	
CTP Easy Entry Enable	Not Set	

CTP Passive Entry Present	Not Set	
CTP Auto Lock Disable	Not Set	
SDAR Travel Link Present	Set	
DAB Present	Not Set	
Vehicle Theft Alarm Present	Not Set	
Heated Steering Wheel Present	Set	
VIN Check Digit Diable	Not Set	
Surround Sound Feature Present	Not Set	
Power Door Locks Present	Set	
Antenna Type	Passive Primary and no secondary antenna	
CTP Max AC Present	Not Set	
Hybrid Electric Powertrain Present	Not Set	
Disable CD Eject	Not Set	
DTV Front Camera Present	Not Set	
DTV Side Camera Present	Not Set	
Tow Haul Present	Not Set	
Hill Descent Control Present	Not Set	
Audio Steering Wheel Switch Configuration	Core Steering Wheel	
Radio Display On/Off Softkey Present	Not Set	
Microphone Tuning Parameter	Absent	
Microphone Configuration	2 Microphones	
Microphone Type	Peiker 300 mv	
External Port Type	AUX + USB + extra USB	
Splashscreen Type	Vehicle Brand	
ERS Available	not available	
Rear Wheel Dually	not available	
Max Gear	Eighth gear	
Virtual Speedometer Units	not available	
Speedometer Range Max Scale	not available	
IC Config Feature	not available	
PTO Present	not available	
AMB Dimmer	not available	
Heated Seat Present	not available	
Split Shaft Present	not available	
Manual Headlamp Leveling	not available	
Gear Shift Indicator	Not Set	
Service Interval	20000 km and 730 days	
Temperature Celsius for UK	Not Set	
Type of Gallons	U.K. Gallons	
Tip Start Present	Set	
AP5 Trunk Lock	Not Present	
Airport Scenario Trunk Set	Not Set	
AP1 Left Front	Not Present	
AP2 Right Front	Not Present	

AP3 Left Rear	Not Present	
AP4 Right Rear	Not Present	
Global Up	Not Set	
Global Down	Not Set	
Sun Shade	Not Set	
Puddle Lamp Present	Not Set	
Rear Door Pre Short Drop	Not Set	
Passenger Window Lockout	Set	
Auto Power Folding Mirrors Present	Not Set	
Folding mirrors present	Not Set	
Heated Mirrors Present	Set	
Mirror turn signals present	Not Set	
Driver Memory Mirrors Present	Not Set	
Passenger Memory Mirror Present	Not Set	
Electro-chromatic driver mirror present	Not Set	
Electro-chromatic passenger mirror present	Not Set	
Tow Mirror Present	Not Set	
Blindspot Mirror Present	Not Set	
Window Motor Type	Not Set	
Window Hall Sensors Present	Not Set	
Frameless Window Present	Not Set	
Memory Adjustable Pedals Present	Not Set	
Tilt/Telescope Steering Present	Not Set	
Memory Seat Present	Not Set	
Rear Heated Seats Present	Not Present	
Front Vented Seats Present	Not Present	
Heated Steering Wheel Present	Present	
Heated Seat Material Type	Default	
Heated Wheel Material Type	Wood/Leather	
Rear Vented Seats Present	Not Present	
Front Heated Seat Present	Present	
Brake System ECU Configuration A	value 0	
Wheel 18 inch overall ESC Maserati	Not Set	
Brake System ECU Configuration B	Undefined	
ECO Mode Configuration	Remember Previous State with Ignition Key Cycle	
Dual Alternator Present	Not Set	
ODS Present	False	
Driver Kneebag Present	False	
Passenger Kneebag Present	False	
Curtain Airbags Present	False	
Tow Hooks Present	True	
Passive Ped Pro Present	False	
2nd Row Seat Airbags Present	False	
Reserved	Reserved	

Reserved	Reserved	
Integrated EPP Present	False	
BUX vehicle	False	
Signature Light Present	Present	
Dual Filament Headlamp	Not Present	
Front Turn Lamp Diagnostics	Present	
Auto Headlamp On Threshold	3.31409	Volt
Auto Headlamp Off Threshold	2.54930	Volt
Left Low Beam Voltage Regulation	13.6 Volts	
Left High Beam Voltage Regulation	13.6 Volts	
Right Low Beam Voltage Regulation	13.6 Volts	
Right High Beam Voltage Regulation	13.6 Volts	
Left Front Corner Voltage	13.6 Volts	
Right Front Corner Voltage	13.6 Volts	
Left Rear Corner Voltage	12.8 Volts	
Right Rear Corner Voltage	12.8 Volts	
Panic Enable	Set	
Compass Mounting Orientation	Upside Down	
Washer Fluid Level Voltage Threshold	4.46 volts	
IBS Present	Set	
ASBMM Present	Not Set	
Humidity Sensor Present	Not Set	
Manual Trans Present	Not Set	
DC to DC Converter Present	Not Set	
ASBM Present	Not Set	
Auto Relock Time	60	seconds
VTA System Present	VTA	
DC to DC Converter #2 Present	Not Set	
Illuminated Approach Interior Lighting Target Percentage	100 (50%)	
Illuminated Approach Headlamp Target Percentage	165 (82.50%)	
Illuminated Approach Taillamp Target Percentage	165 (82.50%)	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
CRVMM Present	Set	
EVIC Switch Module Present	Set	
Compass Mounting Angle	0	Degree
Backup Reverse Lamp Left Present - Pin F41	Set	
Backup Reverse Lamp Right Present - Pin E1	Set	
Stop/Turn Lamp or Stop Lamp Present Pin E2 & F40	Stop/Turn Lamp	
Left High Beam Present - Pin D1	Set	
Right High Beam Present - Pin A2	Set	
Left Front Lamp Diagnostics Present - Pin F25	Set	
Right Front Lamp Diagnostics Present - Pin F28	Set	
Left Rear Turn Lamp Diagnostics Present - Pin F27	Not Set	
Right Rear Turn Lamp Diagnostics Present - Pin F31	Not Set	

Brake Fluid Level Switch Signal Present - Pin D21	Not Set	
Siren	Not Set	
Ultrasonics	Not Set	
Tilt	Not Set	
Swing Gate Lock Present - Pin F30	Set	
Swing Gate Unlock Present - Pin F33	Set	
Front Fog Voltage	13.6	Volts
Rear Fog Voltage	12.0	Volts
CHMSL Lamp Output Disable	Not Set	
Secondary Door Ajar Present - Pin E28	Set	
Manual Door Locks Present	Not Set	
Rain Sensor Module #2 Present	Not Set	
Auto High Beam Module Location	None	
Average Last Longitudinal Acceleration Values	Average 1	
Average Last Lateral Acceleration Values	Average 1	
Excess Longitudinal Acceleration Factor	1.5	
Excess Lateral Acceleration Factor	1.5	
Brake Smoothing Duration	10 periods	
Brake Smoothing Factor	Filter Off	
Steering Smoothing Duration	3 periods	
Steering Smoothing Factor	Filter Off	
Steering Smoothing Threshold	150 Degrees	
Brake Smoothing Threshold	375 Nm	
Maximum Longitudinal Change	2.0 degrees	
Maximum Lateral Change	2.6 degrees	
Acceleration Threshold	1.5 m/s2	
Acceleration Factor	Filter Off	
Nose Dive Threshold	480 degrees	
Nose Dive Factor	Filter Off	
RKE Auto-Relock Feature Enable	Not Set	
PE Auto-Relock Feature Enable	Not Set	
VTA Hood Ajar Monitoring	Not Set	
Horn Chirp Duration	Short	
Pitch and Roll Present	Set	
Parking Light Enable	Not Set	
ASBM Minimum Voltage Time	10 Seconds	
ASBM Battery Minimum Voltage	11.8 Volts	
Interior Lighting Night Threshold	4.45147	Volt
Interior Lighting Day Threshold	4.27498	Volt
Axle Locker Configuration	No Axle Locker / NONE	
Transmission Equipped	Automatic transmission / AUTOMATIC	
Park Brake Type	Mechanical park brake - hand or foot / MECH	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Hybrid Type	PHEV	

TSBM Module Present	Not Set	
ADR feature Present	Not Set	
AGS Feature Present	Not Set	
Temperature Display Resolution	Set	
PTC Present	Not Set	
Glovebox Control	Not Set	
Glare Free Present	Not Set	
Brake Type	Reserved	
Suspension Type	Reserved	
Park assist customer settings menu	Feature not present / Absent	
Park assist brake customer settings menu	Not Set	
Park assist front volume customer settings menu	Not Set	
Park assist rear volume customer settings menu	Not Set	
Electric power steering customer settings menu	Not Set	
Forward collision warning customer settings menu	Feature not present / Absent	
Auto on driver comfort customer settings menu	Feature 2 - 3 Option / Feature 2 - 3 Option	
Auxiliary switches customer settings menu	Feature not present / Absent	
Rear view camera gridlines customer settings menu	Static + Dynamic / Static + Dynamic	
Unit set customer settings menu	Set	
Power accessory delay customer settings menu	Set	
Ambient dimmer customer settings menu	Not Set	
Tire jack mode customer settings menu	Not Set	
Air suspension warning customer settings menu	Not Set	
Automatic aero mode customer settings menu	Not Set	
Auto high beam customer settings menu	Not Set	
Auto park customer settings menu	Not Set	
Blind spot alert customer settings menu	Not Set	
Clock display customer settings menu	Set	
Compass calibration customer settings menu	Not Set	
Compass variance customer settings menu	Not Set	
Consumption unit customer settings menu	Set	
Distance unit customer settings menu	Set	
Auto door lock customer settings menu	Set	
Easy exit seat customer settings menu	Not Set	
Auto entry exit mode customer settings menu	Not Set	
EPB service mode customer settings menu	Not Set	
Headlamp drop customer settings menu	Not Set	
Headlamp off delay customer settings menu	Set	
Headlamps on with wiper customer settings menu	Set	
Passive entry customer settings menu	Not Set	
Illuminated approach customer settings menu	Set	
Lane departure torque customer settings menu	Not Set	
Lane departure warning customer settings menu	Not Set	
Rear camera customer settings menu	Not Set	

Rain sensitive wipers customer settings menu	Not Set	
Power take off customer settings menu	Not Set	
Pressure unit customer settings menu	Set	
Power unit customer settings menu	Not Set	
Power liftgate chime customer settings menu	Not Set	
Performance shift enable customer settings menu	Not Set	
Rear view camera delay customer settings menu	Set	
RKE unlock customer settings menu	Set	
Speed unit customer settings menu	Set	
Tilt mirror in reverse customer settings menu	Not Set	
Torque unit customer settings menu	Not Set	
Teen Key Fuel Pop-up Customer Settings Menu	Not Set	
Teen Key Automatic High Beam Customer Settings Menu	Not Set	
Passenger Airbag On/Off Customer Settings Menu	Not Set	
Forward Collision Warning and Brake Customer Settings Menu	Not Set	
Doors and Engine Off Power Delay Customer Settings Menu	Set	
Radio Speaker Open Circuit Disable (LF)	Not Set	
Radio Speaker Open Circuit Disable (RF)	Not Set	
Radio Speaker Open Circuit Disable (LR)	Not Set	
Radio Speaker Open Circuit Disable (RR)	Not Set	
ANC Calibration Parameter Data Set	46594	ms
Surround View Camera On/Off Softkey Present	Not Set	
Drive Mode Version	Version 1	
Rear Defrost and Heated Mirrors Present	Both	
Show Phone Information in Cluster	Set	
Auto Dimming Mirror Hard Button Present	Not Set	
Clari-Fi Present	Not Set	
Automatic Crash Notification Feature Present	Not Set	
Trailer Hitch Camera Present	Set	
Park Assist Tuning Set	Sahara	
Rear Defrost Presence	Present	
Heated Mirrors Present	Present	
Engine Displacement	Signal Not Available / SNA	
Steering C Factor	Type 3	
Speedometer Tolerance	0 Percent Tolerance	
Increasing speed constant	Increasing 0 KPH	
Tachometer Type	Tachometer Type 1 / Type 1	
DTV Present	Not Set	
Tri-State Comfort Climate Softkey Function Present	Set	

RADIO CONFIGURATION

NAME	VALUE	UNITS
Satellite Subscription ID	HPJRGEH0	
Satellite Subscription Status	Subscribed	

[redacted]

Satellite Subscription Reason Code	00	
Satellite Subscription Suspend Day	01	
Satellite Subscription Suspend Month	01	
Satellite Subscription Suspend Year	46	
911 Button	On	
SDARS	True	
Navigation Active	True	
Cellular	True	
Internal CD Player	False	
Wi-Fi	True	
Bluetooth	True	
Application Framework	True	
FM Diversity	False	
Clock Defeat	Off	
Automated Loudness	On	
Anti-Theft Enable Status	On	
12/24 Time Selection	12 Hour Time	
Front Seat Video Playback	Enabled	
Cabin EQ Curve Number Currently Used by Radio	00	
Splash Screen	Jeep	
Compass on the bus messaging Authorization	Allowed	
GPS on the Bus messaging Authorization	Allowed	
USB Hubs Detected	1	No Unit
SD Card Readers Detected	0	No Unit
Enumerated USB Devices	0	No Unit
Aux Jack	Not Inserted	
DTV Short Term Configuration	—	

ABSO CONFIGURATION

NAME	VALUE	UNITS
Vehicle Line Identification	JL	
Displacement	2.0	No Unit
Hybrid Type	PHEV	
Trans Type	ZF_8spd	
Drive Configuration	Selectable 4wd	
Chassis Type	Type 81	
Axle Ratio	3.726	No Unit
Tire Circumference	2494	mm

[redacted]

CUSTOM REPORT

Vehicle 2023 JEEP WRANGLER 2.0L I4 DOHC DI TURBO PHEV ENGINE
VIN [redacted]

Odometer 80.5 km
Publication Date May 18, 2023, 11:50:47 AM

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
TCM	P1B13-00	Park-By-Wire - Unintended Out of Park Position-	Stored
BPCM	P0AA1-00	Hybrid/EV Battery Positive Contactor "A" Stuck Closed-	Active

CONFIGURATION

TCM CONFIGURATION

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

PCM CONFIGURATION

NAME	VALUE	UNITS
AC Equipped	False	
AC Equipped Over Bus	False	
Power Steering Switch Equipped	False	

[redacted]

4 Button Integrated Cruise Control	False	
EMAT (Getrag DCT transmission) Equipped	False	
Vehicle Speed Sensor #1 Calculated from CAN	False	
Police Package Equipped	False	
Unleaded Gasoline Fuel	True	
Unleaded diesel fuel	False	
6.4 Liter V8 Engine	False	
4 Speed Automatic Transmission Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
4.7 Liter V8 Engine	False	
5.7 Liter V8 Engine	False	
6.1 Liter V8 Engine	False	
Sensorless FFV Enabled	False	
Electronic Throttle Control Equipped	True	
3.6 Liter V6 Engine	False	
4.0 Liter I6 Engine	False	
3.8 Liter V6 Engine	False	
3.7 Liter V6 Engine	False	
3.5 Liter V6 Engine	False	
3.3 Liter V6 Engine	False	
3.2 Liter V6 Engine	False	
2.7 Liter V6 Engine	False	
MTV Solenoid Equipped	False	
MDS Equipped	False	
Turbocharger Equipped	True	
SRV Equipped	False	
Secondary Air Equipped	False	
Shift Indicator Lamp Equipped	False	
Barometric Sensor Equipped	True	
TIP Equipped	True	
Battery Temp Sensor Equipped	False	
Knock Sensor 1 Equipped	True	
Knock Sensor 2 Equipped	True	
WI4 Variable Valve Timing Equipped	True	
Clutch Interlock Switch Equipped	False	
ESIM Equipped	False	
Linear Purge Equipped	False	
Linear EGR Equipped	False	
Continuous Variable Transmission Equipped	False	
Direct Injection Equipped	True	
Secondary Fuel Pump Equipped	False	
Electronic Coolant Pump Equipped	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	

O2 Sensor Bank 1 Sensor 2 Equipped	True	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	False	
O2 Sensor Bank 2 Sensor 2 Equipped	False	
Variable Displacement AC Equipped	False	
Fixed displacement AC Equipped	False	
WI4 Intake Flow Control Valve Equipped	False	
Electric Coolant Valve Equipped	False	
Engine Oil Heater Cooler Equipped	True	
Transmission Oil Heater Equipped	False	
Electric Water Pump Equipped	False	
Rear Heater Equipped	False	
Starter Relay 2 Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Active Grille Shutter Equipped	False	
Electronic Vacuum Pump Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	True	
Wide Range O2 Sensor 2/1 Equipped	False	
MultiAir Equipped	False	
Engine Stop Start Equipped	False	
Viscosity Sensor Equipped	False	
Duty Cycle Purge Valve Equipped	True	
Electric Thermostat Heater Equipped	False	
Exhaust Cam 1 Equipped	True	
Intake Cam 1 Equipped	True	
1.8 Liter WI4 engine	False	
2.0 Liter WI4 engine	False	
2.4 Liter WI4 engine	False	
3.0 Liter V6 Engine	False	
Tumble Generator Valve Equipped	False	
Hybrid Electric Vehicle Equipped	True	
Auxiliary Heater Electric Water Pump Equipped	False	
Dual Speed Fuel Pump Equipped	False	
Exhaust Cam 2 Equipped	False	
Intake Cam 2 Equipped	False	
1 Speed Fan Mechanical Relay System Equipped	False	
2 Speed Fan Mechanical Relay System Equipped	False	
2 Speed Fan PWM Relay System Equipped	False	
Linear PWM Fan Relay System Equipped	True	
PWM Fan Motor System Equipped	False	
3 Speed Fan Mechanical Relay System Equipped	False	
Fan Wake Up Relay System Equipped	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
40TE / 41TE / 41TEA	False	

42RLE	False	
45RFE / 545RFE / 65RFE	False	
62TE	False	
66RFE / 68RFE	False	
VLP Is Learnable Indicator	False	
VLP Equipped Indicator	False	
VFS Actuators Available Indicator	False	
ERS Equipped Indicator	False	
Engine Software In Package	True	
Transmission Software Included	False	
ICC Cruise Equipped	False	
ETC Cruise equipped	False	
Adaptive Cruise Control Equipped	False	
A/C Equipped	False	
Adaptive Cruise Control Hardware Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
GPEC2 Equipped	False	
GPEC2A Equipped	False	
GPEC3 Equipped	False	
Cummins Equipped	False	
GPEC4 Equipped	True	
VMM Equipped	False	
Powernet Equipped	False	
CUSW (29-Bit) Equipped	False	
CUSW (11-Bit) Equipped	False	
Fiat 940 Compact Equipped	False	
Next Gen Bus Equipped	False	
Constant Heater Temperature Control Valve Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
CMCV H-Bridge Equipped	Undefined	
Turbine Volute Valve Actuator Equipped	Undefined	
Wastegate H-Bridge Equipped	01	
Active Exhaust Valve Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Engine Idle Shutoff Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
Cooled EGR Equipped	True	
Supercharger Equipped	False	
Low Temperature Radiator Coolant Pump Equipped	False	
Mechanical Coolant Pump Heater Equipped	False	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Compressed Natural Gas Equipped	False	
CUSW PROXI Write Programming Support Enabled	True	

[redacted]

Active Engine Mount Equipped	False	
ZF 9-Speed Transmission Equipped	False	
HPT 6-Speed Transmission Equipped	False	
Variable Speed Fuel Pump Equipped	True	
Operator Idle Speed Request Equipped	False	
PTO System Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
Dual Stage Oil Pump Equipped	True	
Auxiliary Coolant Pump Equipped	True	
Trans Skip Shift Equipped	False	
Trans Reverse Lockout Equipped	False	
Port Flap Valve Equipped	False	
Brushless PWM Fan Equipped	FAN_PWM_BOSCH_BRUSHLESS_CNFG	
6.2 Liter V8 Engine	False	
Primary Lin Alternator Equipped	False	
Coolant On-Off Pump Equipped	True	
Oil Pressure Sensor Enabled	True	
Fiat VIN Learning Strategy Equipped	False	
Dual Fuel Tank Equipped	False	
Yaw Rate Sensor ESC Equipped	True	
1.0 Liter I3 Engine	False	
Coolant On-Off Valve Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Throttle Inlet Temp Sensor Equipped	True	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Brake Pedal Sensor Equipped	True	
Dual Fuel Tank Equipped	False	
PTO System Equipped	False	
Low Temp Radiator Coolant Pump Equipped	False	
Engine Idle Shutoff Equipped	False	
A/C Relay Powered from Engine Switched Battery	False	
CNG Large Gas Tank Equipped	False	
Cooled EGR Equipped	True	
Supercharger Equipped	False	
Hybrid MEC Shifter Equipped	False	
Dual Alternator Gen1 Capable	False	
Auxillary Coolant Pump Equipped	True	
ZF 9-Speed Trans Equipped	False	
HPT 6-Speed Trans Equipped	False	
CUSW 4-Button Cruise Equipped	False	

[redacted]

Power Steering Angle Sensor Mandatory	False	
Throttle Inlet Temp Sensor Equipped	True	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Brake Pedal Sensor Equipped	True	
Clutch Sensor Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	True	
Mass Airflow System Equipped	False	
Bi-Directional Crank Sensor Equipped	True	
5 Button Cruise (LIN) Equipped	True	
Operator Idle Speed Request Equipped	False	
INTAKE O2 SENSOR EQUIPPED	False	
Cylinder Pressure Sensor Equipped	False	
Make Up Air Sensor Equipped	True	
Active Exhaust Pressure Sensor Equipped	False	
Secondary Mass Airflow Sensor Equipped	False	
1.0 Liter I3 Engine	False	
2.0 Liter I4 Direct Injection Engine	True	
Variable Valve Lift Equipped	Not Equipped	
Coolant On-Off Pump Equipped	Equipped	
Primary Lin Alternator Equipped	Not Equipped	
Electronic Parking Brake Equipped	False	
Active Exhaust Valve(s) Equipped	False	
Mechanical Coolant Pump Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Heater Temp Control Valve Equipped	False	
High Side Port Tumble Valve Equipped	False	
Wastegate HBridge Equipped	True	
Remote Start Present	Present	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
PIN Successfully Programmed	Yes	
VIN Successfully Programmed	Yes	
Valid Key In Ignition	Yes	
Keyless Go	True	
Ignition system type connected	KIN system	

[redacted]

e-shifter present	True	
Auto Park Present	True	
Secret Codes Programmed	True	
Passive Entry	False	
RKE	True	
Module Configuration Status	True	
Remote Start Present	True	
$0214 Programmed by	Programmed by FCA manufacturing	
Hardware Configuration: Remote Start Antenna	Present	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Trunk Door Handle H/W	Serial AP	
RFHub Locked	RFHUB Locked after IAC write	
Fob Location #1 Successfully Programmed	Yes	
Fob Location #2 Successfully Programmed	Yes	
Fob Location #3 Successfully Programmed	No	
Fob Location #4 Successfully Programmed	No	
Fob Location #5 Successfully Programmed	No	
Fob Location #6 Successfully Programmed	No	
Fob Location #7 Successfully Programmed	No	
Fob Location #8 Successfully Programmed	No	
Back Up Vehicle Config 1	True	
Back Up Vehicle Config 2	True	
Back Up Vehicle Config 3	True	
Back Up Vehicle Config 4	True	
Back Up Vehicle Config 5	True	
Back Up Vehicle Config 6	True	
Back Up Vehicle Config 7	True	
Back Up ECU Configuration 1	True	
Back Up ECU Configuration 2	True	
Back Up ECU Configuration 3	True	
Back Up ECU Configuration 4	True	
Back Up ECU Configuration 5	True	
Back Up ECU Configuration 6	True	
Back Up ECU Configuration 7	True	
Back Up ECU Configuration 8	True	
Back Up ECU Configuration 9	True	
Back Up ECU Configuration 10	True	
Back Up ECU Configuration 11	True	
Back Up ECU Configuration 12	True	
Back Up ECU Configuration 13	True	
Back Up ECU Configuration 14	True	

Back Up ECU Configuration 15	True	
Back Up ECU Configuration 16	True	
Back Up ECU Configuration 17	True	
Back Up Customer Settings Menu 1 (CSM1)	True	
Back Up Customer Settings Menu 2 (CSM2)	True	
Back Up Programmed ECUs: Cabin Network	True	
Back Up Programmed ECUs: P/T Chassis Network	True	
Secret Key Sent to Body Controller - Most recent attempt	Yes	
Secret Key Sent to Body Controller - Original attempt	Yes	
Base TPM Present	Not Set	
Full Size Matching Spare Tire Present	Set	
ECU Ship Status	Normal Mode	
Tire Pressure System	True	
Selectable Tire Fill Alert	False	
TPM Auto-Locate Enabled	True	
TPMS Configuration	Logic 1 NHTSA Enable Warning	

DTCM CONFIGURATION

NAME	VALUE	UNITS
Full-Time T-Case	True	
Front Locker Present	False	
Rear Locker Present	False	
FAD Present	True	
Mode Switch Present	True	
Left/Right Hand Drive	Left Hand Drive	
Axle Ratio	3.730	
T-Case Type	MPT 3025C	
SRT Present	No	

ORC CONFIGURATION

NAME	VALUE	UNITS
Rollover Sensing	Not Configured	
EPPM	Not Configured	
Occupant Classification (OCM)	Configured	
First Row Driver Seatbelt Buckle Switch	Configured	
First Row Passenger Seatbelt Buckle Switch	Configured	
Second Row Left seat belt Switch	Not Configured	
Second Row Center seat belt Switch	Not Configured	
Second Row Right seat belt Switch	Not Configured	
Driver Seat Track Position Sensor	Configured	
Passenger Seat Track Position Sensor	Configured	
Passenger Occupant Detection Sensor	Not Configured	
Passenger Airbag Disable Switch	Not Configured	
Passenger Airbag Disable Indicator	Configured	

[redacted]

Driver Frontal Squib 1	Configured	
Driver Frontal Squib 2	Configured	
Driver Frontal Squib 3	Configured	
Passenger Frontal Squib 1	Configured	
Passenger Frontal Squib 2	Configured	
Passenger Frontal Squib 3	Configured	
Driver Knee Bolster Squib	Not Configured	
Passenger Knee Bolster Squib	Not Configured	
Driver Seatbelt Retractor Pretensioner	Configured	
Passenger Seatbelt Retractor Pretensioner	Configured	
Driver Seatbelt Load Limiter	Configured	
Passenger Seatbelt Load Limiter	Configured	
Driver Seatbelt Anchor Pretensioner	Configured	
Passenger Seatbelt Anchor Pretensioner	Configured	
Driver Seatbelt Buckle Pretensioner	Not Configured	
Passenger Seatbelt Buckle Pretensioner	Not Configured	
Left Curtain Squib 1	Not Configured	
Right Curtain Squib 1	Not Configured	
Left Side Seat Squib 1	Configured	
Right Side Seat Squib 1	Configured	
Second Row Left Seat Side Airbag	Not Configured	
Second Row Right Seat Side Airbag	Not Configured	
Driver Frontal Squib 4	Not Configured	
Passenger Frontal Squib 4	Not Configured	
Left Up-Front Acceleration Sensor	Configured	
Right Up-Front Acceleration Sensor	Configured	
Right B-Pillar Impact Acceleration Sensor	Configured	
Left B-Pillar Impact Acceleration Sensor	Configured	
Left C-Pillar Impact Acceleration Sensor	Not Configured	
Right C-Pillar Impact Acceleration Sensor	Not Configured	
Right D-Pillar Impact Acceleration Sensor	Not Configured	
Left D-Pillar Impact Acceleration Sensor	Not Configured	
Left Side Door Pressure Sensor	Not Configured	
Right Side Door Pressure Sensor	Not Configured	
Configuration Column Identifier	A2	

HVAC CONFIGURATION

NAME	VALUE	UNITS
DualZone ATC Control (Factory)	False	
DualZone ATC Control	True	
Dual Zone MTC Control	False	
Single Zone MTC Control	False	
MTC With EBL (3Knob)	False	
MTC Without EBL (3Knob)	False	

MTC heater only (3Knob)	False

AMP CONFIGURATION

NAME	VALUE	UNITS
ANC Calibration Date - Year	20	
ANC Calibration Date - Week	6	
ANC Calibration Date - Patch Level	0	
Current ANC Calibration ID - Service	B602	
ANC Status	Off - Door Mute	
Surround Sound Activated	Not Set	
Door Module - Left Front	Not Present	
Door Module - Right Front	Not Present	
Premuim - 1	False	
Premuim - 2	True	
Premuim - 3	False	
Non -ANC	False	
No Rear Doors	True	
No HALF Chimes	True	

IPC CONFIGURATION

NAME	VALUE	UNITS
Main Fuel Tank Gauge - Empty Stop Calibration	0.000	Volts
Main Fuel Tank Gauge -1/4th Datum Calibration	0.000	Volts
Main Fuel Tank Gauge - 1/2 Datum Calibration	0.000	Volts
Main Fuel Tank Gauge - 3/4 Datum Calibration	0.000	Volts
Main Fuel Tank Gauge - Full Stop Calibration	0.000	Volts
Sub Fuel Tank Gauge - Empty Stop Calibration	0.000	Volts
Sub Fuel Tank Gauge - 1/4 Datum Calibration	0.000	Volts
Sub Fuel Tank Gauge - 1/2 Datum Calibration	0.000	Volts
Sub Fuel Tank Gauge - 3/4 Datum Calibration	0.000	Volts
Sub Fuel Tank Gauge - Full Stop Calibration	0.000	Volts

SCCM CONFIGURATION

NAME	VALUE	UNITS
Rear Wiper	True	
Tilt Telescope	False	
Paddle Shifter	False	
Cruise Control / ACC	True	

BCM CONFIGURATION

NAME	VALUE	UNITS
RBSM	Not Set	
LBSM	Not Set	
BCM (Interior Bus)	Set	

[redacted]

HSM	Set	
HVAC	Set	
PTCM	Not Set	
Radio	Set	
ITM	Not Set	
AMP	Set	
EDM	Not Set	
HVAC_R	Not Set	
TBM	Not Set	
AHLM/AFLS	Not Set	
ASCM	Not Set	
BCM (PT)	Set	
DTCM	Set	
PCM	Set	
EPS	Set	
ESM	Set	
ABS	Not Set	
RFH	Set	
IPC	Set	
ORC	Set	
PTS	Not Set	
SCCM	Set	
ELSD	Not Set	
TCM	Set	
TPM	Not Set	
AFLS	Not Set	
ITBM	Not Set	
OCM	Set	
DPDM	Set	
SGW	Set	
ASBS	Not Set	
ANC	Not Set	
Number of Reprogramming Attempts - Counter #0	0	
Vehicle Configuration Programmed Status	True	
Last Programmed Status	Manufacturing	
Last Configuration Odometer	0	km
Vehicle Configuration Auto Write Counter	1	
Vehicle Configuration 1 - Write Counter	2	
Vehicle Configuration 2 - Write Counter	2	
Vehicle Configuration 3 - Write Counter	4	
Vehicle Configuration 4 - Write Counter	2	
Vehicle Configuration 5 - Write Counter	2	
Vehicle Configuration 6 - Write Counter	2	
Programmed ECUs: Cabin Network	2	

Programmed ECUs: P/T Chassis Network	2	
Programmed Network Configuration - Audio / Telematics Network	2	
Programmed ECUs: Hybrid LAN Network	2	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	2	
ECU Configuration 2 (CBC Features)	2	
ECU Configuration 3	2	
ECU Configuration 4	2	
ECU Configuration 5 (Wireless)	2	
ECU Configuration 5 (Doors)	2	
ECU Configuration 5 (Memory)	2	
ECU Configuration 6 (Brake)	2	
ECU Configuration 6 (Suspension)	2	
ECU Configuration 6 (Powertrain)	2	
ECU Configuration 6 (Safety)	2	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	2	
ECU Configuration 8 (LIN and Miscellaneous)	2	
ECU Configuration 9A	2	
ECU Configuration 9 (ITM)	2	
ECU Configuration 10	2	
ECU Configuration 11	2	
ECU Configuration 12	2	
ECU Configuration 13	2	
ECU Configuration 14	2	
ECU Configuration 15 (CBC Features)	2	
ECU Configuration 15 (Suspension)	2	
Vehicle Configuration 7 - Write Counter	2	
Vehicle Config CSM1	2	
Vehicle Config CSM2	2	
Model Year	2023	
Vehicle Line	JL	
Country Code	USA	
Left/Right Hand Drive	Left Hand Drive	
Remote Start Present	Set	
Drive Configuration	Selectable 4wd	
Emode Present	Not Set	
Auto Highbeam	Not Set	
Body Style	4-Door Hatchback	
Maximum Vehicle Speed	152	km/hr
Shifter Type	5 Pos Polystable Eshifter / Type PS5	
Performance Pages Present	Not Present	
Special Packages	Default	
PTS Configuration	Semi Automatic / Semi Automatic	
Hill Descent Feature Present	Not Set	
Select Speed Control Feature Present	Set	

[redacted]

Power Inverter Type	No Power Inverter	
Thatcham Present	Not Set	
Rain Sensor Present	Not Set	
SKIM System Present	Not Set	
Air Conditioning Present	Set	
Cruise Feature is Present	Set	
Flipper Glass Present	Not Set	
Full Size Spare	Set	
Off Road Capable	Not Set	
Special Packages	Wrangler Sport	
Max Load Inflation Pressure Rear Tire	255.1	kPa
Max Load Inflation Pressure Front Tire	255.1	kPa
Light Load Inflation Pressure Rear Tire	0.0	kPa
Police Lighting Feature	Not Set	
Power Lift Gate Present	Not Set	
Power Right Sliding Door Present	Not Set	
Power Left Sliding Door Present	Not Set	
RKE System Present	Set	
Sunshade Present	Not Set	
T-Case Type	Transfer Case 246 / Transfer Case 246	
Wheel Base	Long wheel base (140" & 149" Ram Truck) / LONG	
FOBIK Safe Enable	Set	
ELV Present	Not Set	
Fuel Capacity	64	Liters
Window Express Feature Configuration	Drivers window express only	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Auto Headlamp Feature Present	Set	
Door Alert Feature Present	Not Set	
Two Fuel Sending Units Present	Not Set	
Vehicle is an SRT	Not Set	
Disable Display of Radio Clock	Not Set	
Chassis Type	Type 81	
Display Outside Temperature Present	Set	
HVAC Configuration	Dual Zone ATC	
Vehicle Brand	Jeep	
Display Compass Heading Present	Set	
Interior EC Mirror Present	Set	
ESCL system present	Not Set	
High Intensity Discharge Head Lamps	Not Set	
Secondary Lock Present	Not Set	
Liftgate/Trunk Type	Manual Liftgate	
Collision Mitigation System present	Not Set	
Forward Collision Warning present	Not Set	
Base TPM system present	Not Set	

[redacted]

Premium TPM system present	Set	
Paddle Shift Feature Present	Not Set	
Sport Mode Present	Not Set	
Auto Park Present	Set	
Passive Entry Present	Not Set	
Keyless Go Present	Set	
Transfer Case High Ratio	1.000	No Unit
Axle Ratio	3.730	
Transfer Case Low Range Reduction Ratio	2.720	
Dynamic Tire Circumference (All or Rear)	2495	mm
Dual Rear Wheel (DRW) Vehicle Present	Not Set	
Non-Regulated Tire Pressure Information System (TPIS) Present	Not Set	
Steering Ratio at zero	0.0	No Unit
Steering Ratio at Positive Angle 1	0.0	No Unit
Steering Ratio at Positive Angle 2	0.0	No Unit
Steering Ratio at Positive Angle 3	0.0	No Unit
Steering Ratio at Positive Angle 4	0.0	No Unit
Steering Ratio at Positive Angle 5	0.0	No Unit
Analog Door Sensor Configuration	All Doors have Analog Sensors	
Air Quality System Present	Not Set	
Steering Ratio at Negative Angle 1	0.0	No Unit
Steering Ratio at Negative Angle 2	0.0	No Unit
Steering Ratio at Negative Angle 3	0.0	No Unit
Steering Ratio at Negative Angle 4	0.0	No Unit
Steering Ratio at Negative Angle 5	0.0	No Unit
Ambient Light Dimmer Wheel Input Present Pin G9	Not Set	
Low Beam Output Present - Pin A3, D2	Set	
Rear Wiper Motor Park Present - Pin E29	Set	
Left Rear Door Ajar Input Present - Pin F23	Set	
Front Driver Analog Door Ajar Input Present - Pin F9	Set	
Reserved - Pin G12	Not Set	
Horn Switch Input Present - Pin F29	Set	
Reserved - Pin E15	Not Set	
Hood Ajar Switch Input Present - Pin A11	Set	
Hard Top Sense Present - Pin E14	Set	
Reserved - F21	Not Set	
Reserved - Pin D20	Not Set	
Passenger Door Ajar Signal Present - Pin G18	Set	
Reserved - Pin E47	Not Set	
Reserved - Pin E35	Not Set	
Starter Relay Lowside Coil Drive - Pin D7	Not Set	
Diesel Cabin Heater #2 Output Present - Pin D9	Not Set	
Diesel Cabin Heater #3 Output Present - Pin D10	Not Set	
Diesel Cabin Heater #1 Output Present - Pin D11	Not Set	

Right Dedicated DRL Lamp Output Present - Pin A22	Set	
Left Dedicated DRL Lamps Output Present - Pin D15	Set	
Flipper Glass #2 Output Present	Not Set	
Foot Well Lamps Output Present - Pin G24	Set	
Front Fog Lamps Output Present - Pin A1 & D13	Set	
Inverter Enable Relay Output Present - Pin F35	Not Set	
Reserved - E20	Not Set	
Gated Park ZFII Output Present - Pin D-24	Set	
Reserved - Pin E21	Not Set	
Rear Fog Lamps Output Present - Pin E39 & F5	Not Set	
Rear Park Lamps Output Present - Pin E4 & F32	Set	
Rear Turn Lamps Output Present - Pin E3 & F42	Not Set	
Run-ACC Y Relay #2 Output Present - Pin E9	Set	
Side Markers Output Present - Pin A10 & D5	Set	
Trailer Backup Lamps Output Present - Pin E23	Not Set	
Reserved - Pin F4	Not Set	
UGDO Feed Output Present - Pin G15	Set	
VTA Warning LED Output Present - Pin G22	Set	
Park Brake Input Present - Pin E11	Set	
Ambient Temperature Sensor Present - Pin D22	Set	
Tip Start Enabled	Set	
Dual Start Relay System Present	Not Set	
Wiper Service Position Enabled	Not Set	
Trailer Tow Present	Not Set	
Quad Headlamps Enable	Set	
Horn Chirp Allowed	Set	
Bi Xenon Headlamps Enable	Not Set	
Hazard Lamp Configuration	Latching Switch	
Park Lamp Loadshed Enable	Set	
Front Fog Lamp Dropout Enable	Set	
Combined Rear Lighting Enable	Set	
Side Repeaters Enable	Not Set	
One Touch Lane Change	Set	
Exterior Light Loadshed Enable	Set	
Front Wiper Park Enable	Set	
Rear Wiper Park Enable	Set	
Reversible Washer Pump Enable	Set	
Single Element Tail Lamp	Not Set	
DRL Configuration	Optional DRL	
DRL Lamp Location	Dedicated	
DRL Dropout Enable	Set	
Tunnel Detection	Not Set	
Military Vehicle Present	Not Set	
LED Reverse Lamps Present	Not Set	

LED Stop Lamps Present	Not Set	
LED Rear Turn Lamps Present	Not Set	
LED Tail Lamps Present	Not Set	
LED Rear Fog Lamps Present	Set	
LED License Lamps Present	Set	
LED Front Turn Lamps Present	Set	
LED Front Fog Lamps Present	Set	
LED Dedicated DRL Present	Set	
LED Low Beam Lamps Present	Set	
LED High Beam Lamps Present	Set	
LED Front Park/Marker Lamps Present	Set	
Door Lock Switch Signal FT LT Usage (F9)	Reserved	
Door Lock Switch Signal FT RT Usage (F23)	Reserved	
Headlamp Wash Interval	wash cycle#11	
Headlamp Wash Shot	Single	
Front Wiper Wipes After Wash	2 Wipes	
Headlamp Washer Low Fluid Shut-Off Enable	Not Set	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
LED CHMSL Lamp Present	Set	
Rear Camera Present	Set	
Power Inverter Present	Not Set	
Front Park Assist Present	Not Set	
Front Heated Seats Present	Set	
Front Ventilated Seats Present	Not Set	
Destination	United States of America	
Cabin Equilization Curve Number	JL 4 Door Premium Top On (Alpine 12ch)	
Hill Start Assist Customer Setting Option Present	Set	
Radio Apps Present	Not Set	
CTP Easy Entry Enable	Not Set	
CTP Passive Entry Present	Not Set	
CTP Auto Lock Disable	Not Set	
SDAR Travel Link Present	Set	
DAB Present	Not Set	
Vehicle Theft Alarm Present	Not Set	
Heated Steering Wheel Present	Set	
VIN Check Digit Diable	Not Set	
Surround Sound Feature Present	Not Set	
Power Door Locks Present	Set	
Antenna Type	Passive Primary and no secondary antenna	
CTP Max AC Present	Not Set	
Hybrid Electric Powertrain Present	Not Set	
Disable CD Eject	Not Set	
DTV Front Camera Present	Not Set	
DTV Side Camera Present	Not Set	

Tow Haul Present	Not Set	
Hill Descent Control Present	Not Set	
Audio Steering Wheel Switch Configuration	Core Steering Wheel	
Radio Display On/Off Softkey Present	Not Set	
Microphone Tuning Parameter	Absent	
Microphone Configuration	2 Microphones	
Microphone Type	Peiker 300 mv	
External Port Type	AUX + USB + extra USB	
Splashscreen Type	Vehicle Brand	
ERS Available	not available	
Rear Wheel Dually	not available	
Max Gear	Eighth gear	
Virtual Speedometer Units	not available	
Speedometer Range Max Scale	not available	
IC Config Feature	not available	
PTO Present	not available	
AMB Dimmer	not available	
Heated Seat Present	not available	
Split Shaft Present	not available	
Manual Headlamp Leveling	not available	
Gear Shift Indicator	Not Set	
Service Interval	20000 km and 730 days	
Temperature Celsius for UK	Not Set	
Type of Gallons	U.K. Gallons	
Tip Start Present	Set	
AP5 Trunk Lock	Not Present	
Airport Scenario Trunk Set	Not Set	
AP1 Left Front	Not Present	
AP2 Right Front	Not Present	
AP3 Left Rear	Not Present	
AP4 Right Rear	Not Present	
Global Up	Not Set	
Global Down	Not Set	
Sun Shade	Not Set	
Puddle Lamp Present	Not Set	
Rear Door Pre Short Drop	Not Set	
Passenger Window Lockout	Set	
Auto Power Folding Mirrors Present	Not Set	
Folding mirrors present	Not Set	
Heated Mirrors Present	Set	
Mirror turn signals present	Not Set	
Driver Memory Mirrors Present	Not Set	
Passenger Memory Mirror Present	Not Set	
Electro-chromatic driver mirror present	Not Set	

Electro-chromatic passenger mirror present	Not Set	
Tow Mirror Present	Not Set	
Blindspot Mirror Present	Not Set	
Window Motor Type	Not Set	
Window Hall Sensors Present	Not Set	
Frameless Window Present	Not Set	
Memory Adjustable Pedals Present	Not Set	
Tilt/Telescope Steering Present	Not Set	
Memory Seat Present	Not Set	
Rear Heated Seats Present	Not Present	
Front Vented Seats Present	Not Present	
Heated Steering Wheel Present	Present	
Heated Seat Material Type	Default	
Heated Wheel Material Type	Wood/Leather	
Rear Vented Seats Present	Not Present	
Front Heated Seat Present	Present	
Brake System ECU Configuration A	value 0	
Wheel 18 inch overall ESC Maserati	Not Set	
Brake System ECU Configuration B	Undefined	
ECO Mode Configuration	Remember Previous State with Ignition Key Cycle	
Dual Alternator Present	Not Set	
ODS Present	False	
Driver Kneebag Present	False	
Passenger Kneebag Present	False	
Curtain Airbags Present	False	
Tow Hooks Present	True	
Passive Ped Pro Present	False	
2nd Row Seat Airbags Present	False	
Reserved	Reserved	
Reserved	Reserved	
Integrated EPP Present	False	
BUX vehicle	False	
Signature Light Present	Present	
Dual Filament Headlamp	Not Present	
Front Turn Lamp Diagnostics	Present	
Auto Headlamp On Threshold	3.31409	Volt
Auto Headlamp Off Threshold	2.54930	Volt
Left Low Beam Voltage Regulation	13.6 Volts	
Left High Beam Voltage Regulation	13.6 Volts	
Right Low Beam Voltage Regulation	13.6 Volts	
Right High Beam Voltage Regulation	13.6 Volts	
Left Front Corner Voltage	13.6 Volts	
Right Front Corner Voltage	13.6 Volts	
Left Rear Corner Voltage	12.8 Volts	

Right Rear Corner Voltage	12.8 Volts	
Panic Enable	Set	
Compass Mounting Orientation	Upside Down	
Washer Fluid Level Voltage Threshold	4.46 volts	
IBS Present	Set	
ASBMM Present	Not Set	
Humidity Sensor Present	Not Set	
Manual Trans Present	Not Set	
DC to DC Converter Present	Not Set	
ASBM Present	Not Set	
Auto Relock Time	60	seconds
VTA System Present	VTA	
DC to DC Converter #2 Present	Not Set	
Illuminated Approach Interior Lighting Target Percentage	100 (50%)	
Illuminated Approach Headlamp Target Percentage	165 (82.50%)	
Illuminated Approach Taillamp Target Percentage	165 (82.50%)	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
CRVMM Present	Set	
EVIC Switch Module Present	Set	
Compass Mounting Angle	0	Degree
Backup Reverse Lamp Left Present - Pin F41	Set	
Backup Reverse Lamp Right Present - Pin E1	Set	
Stop/Turn Lamp or Stop Lamp Present Pin E2 & F40	Stop/Turn Lamp	
Left High Beam Present - Pin D1	Set	
Right High Beam Present - Pin A2	Set	
Left Front Lamp Diagnostics Present - Pin F25	Set	
Right Front Lamp Diagnostics Present - Pin F28	Set	
Left Rear Turn Lamp Diagnostics Present - Pin F27	Not Set	
Right Rear Turn Lamp Diagnostics Present - Pin F31	Not Set	
Brake Fluid Level Switch Signal Present - Pin D21	Not Set	
Siren	Not Set	
Ultrasonics	Not Set	
Tilt	Not Set	
Swing Gate Lock Present - Pin F30	Set	
Swing Gate Unlock Present - Pin F33	Set	
Front Fog Voltage	13.6	Volts
Rear Fog Voltage	12.0	Volts
CHMSL Lamp Output Disable	Not Set	
Secondary Door Ajar Present - Pin E28	Set	
Manual Door Locks Present	Not Set	
Rain Sensor Module #2 Present	Not Set	
Auto High Beam Module Location	None	
Average Last Longitudinal Acceleration Values	Average 1	
Average Last Lateral Acceleration Values	Average 1	

Excess Longitudinal Acceleration Factor	1.5	
Excess Lateral Acceleration Factor	1.5	
Brake Smoothing Duration	10 periods	
Brake Smoothing Factor	Filter Off	
Steering Smoothing Duration	3 periods	
Steering Smoothing Factor	Filter Off	
Steering Smoothing Threshold	150 Degrees	
Brake Smoothing Threshold	375 Nm	
Maximum Longitudinal Change	2.0 degrees	
Maximum Lateral Change	2.6 degrees	
Acceleration Threshold	1.5 m/s2	
Acceleration Factor	Filter Off	
Nose Dive Threshold	480 degrees	
Nose Dive Factor	Filter Off	
RKE Auto-Relock Feature Enable	Not Set	
PE Auto-Relock Feature Enable	Not Set	
VTA Hood Ajar Monitoring	Not Set	
Horn Chirp Duration	Short	
Pitch and Roll Present	Set	
Parking Light Enable	Not Set	
ASBM Minimum Voltage Time	10 Seconds	
ASBM Battery Minimum Voltage	11.8 Volts	
Interior Lighting Night Threshold	4.45147	Volt
Interior Lighting Day Threshold	4.27498	Volt
Axle Locker Configuration	No Axle Locker / NONE	
Transmission Equipped	Automatic transmission / AUTOMATIC	
Park Brake Type	Mechanical park brake - hand or foot / MECH	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Hybrid Type	PHEV	
TSBM Module Present	Not Set	
ADR feature Present	Not Set	
AGS Feature Present	Not Set	
Temperature Display Resolution	Set	
PTC Present	Not Set	
Glovebox Control	Not Set	
Glare Free Present	Not Set	
Brake Type	Reserved	
Suspension Type	Reserved	
Park assist customer settings menu	Feature not present / Absent	
Park assist brake customer settings menu	Not Set	
Park assist front volume customer settings menu	Not Set	
Park assist rear volume customer settings menu	Not Set	
Electric power steering customer settings menu	Not Set	
Forward collision warning customer settings menu	Feature not present / Absent	

[redacted]

Auto on driver comfort customer settings menu	Feature 2 - 3 Option / Feature 2 - 3 Option	
Auxiliary switches customer settings menu	Feature not present / Absent	
Rear view camera gridlines customer settings menu	Static + Dynamic / Static + Dynamic	
Unit set customer settings menu	Set	
Power accessory delay customer settings menu	Set	
Ambient dimmer customer settings menu	Not Set	
Tire jack mode customer settings menu	Not Set	
Air suspension warning customer settings menu	Not Set	
Automatic aero mode customer settings menu	Not Set	
Auto high beam customer settings menu	Not Set	
Auto park customer settings menu	Not Set	
Blind spot alert customer settings menu	Not Set	
Clock display customer settings menu	Set	
Compass calibration customer settings menu	Not Set	
Compass variance customer settings menu	Not Set	
Consumption unit customer settings menu	Set	
Distance unit customer settings menu	Set	
Auto door lock customer settings menu	Set	
Easy exit seat customer settings menu	Not Set	
Auto entry exit mode customer settings menu	Not Set	
EPB service mode customer settings menu	Not Set	
Headlamp drop customer settings menu	Not Set	
Headlamp off delay customer settings menu	Set	
Headlamps on with wiper customer settings menu	Set	
Passive entry customer settings menu	Not Set	
Illuminated approach customer settings menu	Set	
Lane departure torque customer settings menu	Not Set	
Lane departure warning customer settings menu	Not Set	
Rear camera customer settings menu	Not Set	
Rain sensitive wipers customer settings menu	Not Set	
Power take off customer settings menu	Not Set	
Pressure unit customer settings menu	Set	
Power unit customer settings menu	Not Set	
Power liftgate chime customer settings menu	Not Set	
Performance shift enable customer settings menu	Not Set	
Rear view camera delay customer settings menu	Set	
RKE unlock customer settings menu	Set	
Speed unit customer settings menu	Set	
Tilt mirror in reverse customer settings menu	Not Set	
Torque unit customer settings menu	Not Set	
Teen Key Fuel Pop-up Customer Settings Menu	Not Set	
Teen Key Automatic High Beam Customer Settings Menu	Not Set	
Passenger Airbag On/Off Customer Settings Menu	Not Set	
Forward Collision Warning and Brake Customer Settings Menu	Not Set	

Doors and Engine Off Power Delay Customer Settings Menu	Set	
Radio Speaker Open Circuit Disable (LF)	Not Set	
Radio Speaker Open Circuit Disable (RF)	Not Set	
Radio Speaker Open Circuit Disable (LR)	Not Set	
Radio Speaker Open Circuit Disable (RR)	Not Set	
ANC Calibration Parameter Data Set	46594	ms
Surround View Camera On/Off Softkey Present	Not Set	
Drive Mode Version	Version 1	
Rear Defrost and Heated Mirrors Present	Both	
Show Phone Information in Cluster	Set	
Auto Dimming Mirror Hard Button Present	Not Set	
Clari-Fi Present	Not Set	
Automatic Crash Notification Feature Present	Not Set	
Trailer Hitch Camera Present	Set	
Park Assist Tuning Set	Sahara	
Rear Defrost Presence	Present	
Heated Mirrors Present	Present	
Engine Displacement	Signal Not Available / SNA	
Steering C Factor	Type 3	
Speedometer Tolerance	0 Percent Tolerance	
Increasing speed constant	Increasing 0 KPH	
Tachometer Type	Tachometer Type 1 / Type 1	
DTV Present	Not Set	
Tri-State Comfort Climate Softkey Function Present	Set	

RADIO CONFIGURATION

NAME	VALUE	UNITS
Satellite Subscription ID	HPJRGEH0	
Satellite Subscription Status	Subscribed	
Satellite Subscription Reason Code	00	
Satellite Subscription Suspend Day	01	
Satellite Subscription Suspend Month	01	
Satellite Subscription Suspend Year	46	
911 Button	On	
SDARS	True	
Navigation Active	True	
Cellular	True	
Internal CD Player	False	
Wi-Fi	True	
Bluetooth	True	
Application Framework	True	
FM Diversity	False	
Clock Defeat	Off	
Automated Loudness	On	

[redacted]

Anti-Theft Enable Status	On	
12/24 Time Selection	12 Hour Time	
Front Seat Video Playback	Enabled	
Cabin EQ Curve Number Currently Used by Radio	00	
Splash Screen	Jeep	
Compass on the bus messaging Authorization	Allowed	
GPS on the Bus messaging Authorization	Allowed	
USB Hubs Detected	1	No Unit
SD Card Readers Detected	0	No Unit
Enumerated USB Devices	0	No Unit
Aux Jack	Not Inserted	
DTV Short Term Configuration	—	

ABSO CONFIGURATION

NAME	VALUE	UNITS
Vehicle Line Identification	JL	
Displacement	2.0	No Unit
Hybrid Type	PHEV	
Trans Type	ZF_8spd	
Drive Configuration	Selectable 4wd	
Chassis Type	Type 81	
Axle Ratio	3.726	No Unit
Tire Circumference	2494	mm

FLASHES

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C	68620361AB	[redacted]		68620361AB
PCM	Powertrain Control Module	CAN-C	68614848AC			68614848AC
ICS	Integrated Center Stack	CAN-I	6SX95DX9AE			6SX95DX9AE
RFH	Radio Frequency Hub	CAN-C	56029925AB			56029925AB
ESM	Electronic Shifter	CAN-C	68620948AA			68620948AA
DTCM	Drive Train Control Module	CAN-C	68611937AA			68611937AA
ORC	Occupant Restraint	CAN-C	68526670AB			68526670AB
EPS	Electric Power Steering	CAN-C	68529427AD			68529427AD
HVAC	Heat, Ventilation and A/C	CAN-I	52080486AB			52080486AB
CSWM	Comfort Seat Wheel Module	CAN-I	68530204AB			68530204AB
AMP	Amplifier	CAN-I	68549084AC			68549084AC

IPC	Instrument Panel Cluster	CAN-C	68525023AD	[redacted]	68525023AD
SCCM	Steering Column Control Module	CAN-C	68599295AA		68599295AA
BCM	Body Controller	CAN-C	68525356AC		68525355AC
RADIO	Radio	CAN-I	68615156AB		68615156AB
OCM	Occupant Classification	CAN-C	68582577AB		68582577AB
BPCM	Battery Pack Control Module	CAN-C	05193168AK		05193168AK
HCP	Hybrid Control Processor	CAN-C	68614244AC		68614244AC
AHCP	Auxiliary Hybrid Control Processor	CAN-C	68614243AC		68614243AC
ABSO	Anti Lock Brakes OBD	CAN-C	68596542AB		68596542AB
SGW	Security Gateway Module	CAN-C	68532299AB		68532299AB
DPDM	Driver Presence Detection Module	CAN-C	68582578AB		68582578AB
IDCM	Integrated Dual Charge Module	CAN-C	05185035AS		05185035AS

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
TCM	USA / USA	13 05 0E	16 1C 00	4700	[redacted]	4AB842E6
PCM	USA	1D 47	21 22 00	4928		A337D9ED
ICS	USA	10 1E 00	14 33 00	4802		
RFH	USA / USA	10 17 00	15 1D 00	4604		
ESM	USA	15 18 00	12 2A 00	4322		
DTCM	USA	11 22 00	16 1F 01	4501		
ORC	USA	14 0B 00	14 12 01	4501		
EPS	USA	10 13 00	16 0B DC	4005		
HVAC	USA	13 20 00	15 01 01	4420		
CSWM	USA	11 2A 00	15 06 00	4202		
AMP	USA	21 01 01	15 29 00	4034		
IPC	USA	21 2C 00	16 19 01	4805		
SCCM	USA	13 28 00	13 29 00	4301		
BCM	USA	0D 11 00	15 21 50	4630		
RADIO	USA	16 22 11	16 22 11	8205		
OCM	USA	15 17 01	16 13 02	4151		
BPCM	Rest of world / ROW	13 0C 04	16 0F 44	5701		C62EF393
HCP	USA	16 09 06	16 2A 01	5403		665178C3 8D7568A3 4B0D83D8
AHCP	USA	16 09 06	14 33 01	5600		
ABSO	USA	16 15 00	16 18 03	4300		487C0506
SGW		6	1125	4103		

[redacted]

DPDM	USA	15 18 01	16 13 02	4600	[redacted]
IDCM	USA	15 0E 00		4000	

ECU DETAILS

TCM DETAILS

NAME	VALUE
Active Diagnostic Variant	47
Active Diagnostic Version	00
ECU Part Number	68620361AB
HW - Year	19
HW - Week	5
HW - Patch Level	0E
VIN Original	[redacted]
VIN Current	
Hardware Part Number	68415437AE

PCM DETAILS

NAME	VALUE
ECU Part Number	68614848AC
VIN - Original	[redacted]
VIN Current	
Software Version (Major/Middle/Minor)	21 22 00
Hardware Version (Major/Minor)	1D 47
Serial Number	T00EP1053LP1GL
Supplier ID	Motorola
Diagnostic Version	28
Variant ID	49
Odometer When Original VIN First Written	4294967295.0000

ICS DETAILS

NAME	VALUE
Active Diagnostic Variant	48
Active Diagnostic Version	02
ECU Part Number	6SX95DX9AE
Model Year	2023
Vehicle Line	JL
Body Style	4-Door-Hatchback
Country Code	USA
ECU Serial Number	T068310597
VIN Original	[redacted]
VIN Current	
HW - Year	10
HW - Week	30
HW - Patch Level	00

[redacted]

SW - year	20
SW - week	51
SW - Patch Level	0
Hardware Supplier Identification	Panasonic
Software Supplier Identification	Panasonic

RFH DETAILS

NAME	VALUE
VIN Original	[redacted]
Model Year	2023
Vehicle Line	JL
Active Diagnostic Variant	46
Active Diagnostic Version	04
ECU Software Mode	Running in Application
ECU Part Number	56029925AB
Hardware Part Number	11208102AA
Body Style	BODY_4
Country Code	USA / USA
IAC Data	55 AA 66 CC 55 AA 66 CC 55 AA 66 CC 55 AA 66 CC
ECU Serial Number	T04Z20923R0059
Hardware Supplier	Continental
Software Supplier	Continental
Hardware Version - Year	10
Hardware Version - Week	17
Hardware Version - Patch Level	00
Software Version - Year	15
Software Version - Week	1D
Software Version - Patch Level	00
Active Diagnostic Session	Extended
Software Logical Block #0 Part Number	68341973AQ

ESM DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	22

DTCM DETAILS

NAME	VALUE
Active Diagnostic Variant	45
Active Diagnostic Version	01
ECU Part Number	68611937AA
ECU Serial Number	TH2YC07432VVRV
ECU Software Mode	Running in Application
Hardware Part Number	68611937AA

[redacted]

HW - Year	17
HW - Week	34
HW - Patch Level	0
Hardware Supplier Identification	Continental
Hardware Variant	Full Time
Software Part Number	68611937AA
SW - year	22
SW - week	31
SW - Patch Level	1
Software Supplier Identification	Continental
Model Year	2023
Vehicle Line	JL
Body Style	4-Door Hatchback
Country Code	USA
VIN Current	[redacted]

ORC DETAILS

NAME	VALUE
Model Year	2023
Vehicle Line	JL
Body Style	BODY_4DH
Country Code	USA
ECU Serial Number	[redacted]
Active Diagnostic Variant	45
Active Diagnostic Version	01

EPS DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	05
ECU Part Number	68529427AD
HW - Year	16
HW - Week	19
HW - Patch Level	00
SW - year	22
SW - week	11
SW - Patch Level	220
Hardware Supplier Identification	China Automotive Systems Inc
ECU Serial Number	TFD0313C0123
VIN Current	[redacted]
Model Year	2023
Vehicle Line	JL
Body Style	BODY_4DH
Country Code	USA

[redacted]

Boot SW - Year	16
Boot SW - Week	50
Boot SW - Patch Level	12
Software Logical Block Supplier Identification	China Automotive Systems Inc

HVAC DETAILS

NAME	VALUE
VIN Original	[redacted]
VIN Current	
Model Year	2023
Body Style	4-Door-Hatchback
Country Code	USA
Active Diagnostic Variant	44
Active Diagnostic Version	20
ECU Part Number	52080486AB

CSWM DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Active Diagnostic Variant	42
Active Diagnostic Version	02
ECU Part Number	68530204AB
VIN Original	[redacted]
VIN Current	

AMP DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	34
ECU Origin	DCX
ECU Part Number	68549084AC
ECU Serial Number	TZ1AA0883G1198
Hardware Part Number	68549088AA
HW - Year	21
HW - Week	1
HW - Patch Level	01
Hardware Supplier Identification	Alpine
Software Part Number	68549084AC
SW - year	21
SW - week	41
SW - Patch Level	0
Software Supplier Identification	Alpine
Model Year	2023
Vehicle Line	JL

[redacted]

Body Style	4-Door-Hatchback
Country Code	USA
VIN Original	[redacted]
VIN Current	

IPC DETAILS

NAME	VALUE
Active Diagnostic Variant	48
Active Diagnostic Version	05
ECU Part Number	68525023AD
ECU Serial Number	JLZ7101320QS
Hardware Part Number	68525023AD
HW - Year	21
HW - Week	44
HW - Patch Level	00
Hardware Supplier Identification	Magneti Marelli
Software Logical Block #1 Part Number	68525025AD
SW - year - Block 1	22
SW - week - Block 1	25
SW - patch level - Block 1	1
Software Supplier Identification	Magneti Marelli
Model Year	2023
Body Style	4-Door-Hatchback
Vehicle Line	JL
Country Code	USA
VIN Original	[redacted]
VIN Current	

SCCM DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Active Diagnostic Variant	43
Active Diagnostic Version	1
ECU Part Number	68599295AA
ECU Serial Number	S05531519
Hardware Supplier Identification	Kostal
Hardware Part Number	10321385AC
HW - Year	19
HW - Week	40
HW - Patch Level	0
Software Logical Block Supplier Identification	Kostal
Software Logical Block #0 Part Number	12020778AB
SW - year	19
SW - week	41

[redacted]

SW - Patch Level	0
Model Year	2023
Vehicle Line	JL
Body Style	BODY_4DH
Country Code	USA
VIN Original	[redacted]
VIN Current	

BCM DETAILS

NAME	VALUE
Hardware Part Number	68525355AC
Software Logical Block #0 Part Number	68525356AC
ECU Part Number	68525355AC
Active Diagnostic Variant	46
Active Diagnostic Version	30
Hardware Supplier Identification	Continental
Software Logical Block Supplier Identification	Continental
Model Year	2023
Vehicle Line	JL
Body Style	4-Door Hatchback
Country Code	USA
ECU Serial Number	T1C103321943
VIN Current	[redacted]
VIN Original	

RADIO DETAILS

NAME	VALUE
Sales Code	Q
Active Diagnostic Variant	82
Active Diagnostic Version	05
ECU Part Number	68615156AB
ECU Serial Number	T M9082300415
Software Part Number	68615156AB
SW - year	2022
SW - week	34
SW - Patch Level	11
Software Supplier Identification	Panasonic
ECU Software Number	68615156AB
ECU Software Version Number	5666
Hardware Part Number	CNSC8CN5GX
HW - Year	2022
HW - Week	34
HW - Patch Level	11
Hardware Supplier Identification	Panasonic

[redacted]

ECU Hardware Version Number	20
Market Selection Configuration	02
Model Year	2023
Vehicle Line	JL
Body Style	4- Door Hatchback
Country Code	USA
VIN Original	[redacted]
VIN Current	

OCM DETAILS

NAME	VALUE
Active Diagnostic Variant	41
Active Diagnostic Version	51
Hardware Part Number	28756173
Software Logical Block #0 Part Number	28790958
ECU Part Number	68582577AB
Model Year	2023
Vehicle Line	JL
Body Style	4-door Hatchback / BODY_4DH
Country Code	USA
ECU Serial Number	TJLJY08731N0BJ
VIN Original	[redacted]
VIN Current	

BPCM DETAILS

NAME	VALUE
Active Diagnostic Variant	57
Active Diagnostic Version	01
ECU Part Number	05193168AK
VIN Original	[redacted]
VIN Current	
SW - year	2022
SW - week	15
SW - Patch Level	44
ECU Serial Number	TAA6I1023C0251
Boot SW - Year	2021
Boot SW - Week	12
Boot SW - Patch Level	01

HCP DETAILS

NAME	VALUE
Active Diagnostic Variant	54
Active Diagnostic Version	03
ECU Part Number	68614244AC

[redacted]

Model Year	2023
Vehicle Line	JL
Body Style	4-Door Hatchback
VIN Original	[redacted]
VIN Current	

AHCP DETAILS

NAME	VALUE
AHCP SW Version	20B
MCPA SW Version	2208A0
Active Diagnostic Variant	56
Active Diagnostic Version	00
Hardware Part Number	05185101AH
ECU Part Number	68614243AC
Model Year	2023
Vehicle Line	JL
Body Style	4-Door Hatchback
VIN Original	[redacted]
VIN Current	

ABSO DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	00
Hardware Part Number	68596542AB
Software Part Number	68596542AB
ECU Part Number	68596542AB
VIN Original	[redacted]
VIN Current	

SGW DETAILS

NAME	VALUE
VIN Original	[redacted]
Diagnostic Variant ID	41
Diagnostic Version	03
Supplier ID	Bosch
ECU Part Number	68532299AB
System Supplier ECU Hardware Number	6002JE2422
System Supplier ECU Hardware Version Number	6
System Supplier ECU Software Number	V230
System Supplier ECU Software Version Number	1125
ECU Serial Number	54 46 31 31 36 30 38 39 33 4A 31 44 44 42 30
Active Diagnostic Session Data Identifier	Extended Diagnostic Session

[redacted]

DPDM DETAILS

NAME	VALUE
Active Diagnostic Variant	46
Active Diagnostic Version	00
Hardware Part Number	28756175
Software Logical Block #0 Part Number	28790955
ECU Part Number	68582578AB
Model Year	2023
Vehicle Line	JL
Body Style	BODY_4DH
Country Code	USA
ECU Serial Number	TJLJY09331P0J9
VIN Original	[redacted]
VIN Current	

IDCM DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	00
ECU Part Number	05185035AS
Model Year	2023
Vehicle Line	JL
Body Style	4-Door Hatchback
VIN Original	[redacted]
VIN Current	

FREEZE FRAME DATA

No Carb data available

No Freeze Frame #1 data available

No Freeze Frame #2 data available

No Freeze Frame #3 data available

No Freeze Frame #4 data available

No MisFire data available

EVENT DATA

No Event Data available

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P1B13-00

No Snapshot Data available for P0AA1-00

[redacted]

ECU DETAILS REPORT

Vehicle 2023 JEEP WRANGLER 2.0L I4 DOHC DI TURBO PHEV ENGINE
VIN [redacted]

Odometer 80.5 km
Publication Date May 18, 2023, 11:49:11 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C	68620361AB	[redacted]		68620361AB
PCM	Powertrain Control Module	CAN-C	68614848AC			68614848AC
ICS	Integrated Center Stack	CAN-I	6SX95DX9AE			6SX95DX9AE
RFH	Radio Frequency Hub	CAN-C	56029925AB			56029925AB
ESM	Electronic Shifter	CAN-C	68620948AA			68620948AA
DTCM	Drive Train Control Module	CAN-C	68611937AA			68611937AA
ORC	Occupant Restraint	CAN-C	68526670AB			68526670AB
EPS	Electric Power Steering	CAN-C	68529427AD			68529427AD
HVAC	Heat, Ventilation and A/C	CAN-I	52080486AB			52080486AB
CSWM	Comfort Seat Wheel Module	CAN-I	68530204AB			68530204AB
AMP	Amplifier	CAN-I	68549084AC			68549084AC
IPC	Instrument Panel Cluster	CAN-C	68525023AD			68525023AD
SCCM	Steering Column Control Module	CAN-C	68599295AA			68599295AA
BCM	Body Controller	CAN-C	68525356AC			68525355AC
RADIO	Radio	CAN-I	68615156AB			68615156AB
OCM	Occupant Classification	CAN-C	68582577AB			68582577AB
BPCM	Battery Pack Control Module	CAN-C	05193168AK			05193168AK
HCP	Hybrid Control Processor	CAN-C	68614244AC			68614244AC
AHCP	Auxiliary Hybrid Control Processor	CAN-C	68614243AC			68614243AC
ABSO	Anti Lock Brakes OBD	CAN-C	68596542AB			68596542AB

SGW	Security Gateway Module	CAN-C	68532299AB	[redacted]	68532299AB
DPDM	Driver Presence Detection Module	CAN-C	68582578AB		68582578AB
IDCM	Integrated Dual Charge Module	CAN-C	05185035AS		05185035AS

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
TCM	USA / USA	13 05 0E	16 1C 00	4700	[redacted]	4AB842E6
PCM	USA	1D 47	21 22 00	4928		A337D9ED
ICS	USA	10 1E 00	14 33 00	4802		
RFH	USA / USA	10 17 00	15 1D 00	4604		
ESM	USA	15 18 00	12 2A 00	4322		
DTCM	USA	11 22 00	16 1F 01	4501		
ORC	USA	14 0B 00	14 12 01	4501		
EPS	USA	10 13 00	16 0B DC	4005		
HVAC	USA	13 20 00	15 01 01	4420		
CSWM	USA	11 2A 00	15 06 00	4202		
AMP	USA	21 01 01	15 29 00	4034		
IPC	USA	21 2C 00	16 19 01	4805		
SCCM	USA	13 28 00	13 29 00	4301		
BCM	USA	0D 11 00	15 21 50	4630		
RADIO	USA	16 22 11	16 22 11	8205		
OCM	USA	15 17 01	16 13 02	4151		
BPCM	Rest of world / ROW	13 0C 04	16 0F 44	5701		C62EF393
HCP	USA	16 09 06	16 2A 01	5403		665178C3 8D7568A3 4B0D83D8
AHCP	USA	16 09 06	14 33 01	5600		
ABSO	USA	16 15 00	16 18 03	4300		487C0506
SGW		6	1125	4103		
DPDM	USA	15 18 01	16 13 02	4600		
IDCM	USA	15 0E 00		4000		

ECU DETAILS

TCM DETAILS

NAME	VALUE
Active Diagnostic Variant	47
Active Diagnostic Version	00
ECU Part Number	68620361AB
HW - Year	19
HW - Week	5
HW - Patch Level	0E
VIN Original	[redacted]
VIN Current	

Hardware Part Number	68415437AE

PCM DETAILS

NAME	VALUE
ECU Part Number	68614848AC
VIN - Original	[redacted]
VIN Current	
Software Version (Major/Middle/Minor)	21 22 00
Hardware Version (Major/Minor)	1D 47
Serial Number	T00EP1053LP1GL
Supplier ID	Motorola
Diagnostic Version	28
Variant ID	49
Odometer When Original VIN First Written	4294967295.0000

ICS DETAILS

NAME	VALUE
Active Diagnostic Variant	48
Active Diagnostic Version	02
ECU Part Number	6SX95DX9AE
Model Year	2023
Vehicle Line	JL
Body Style	4-Door-Hatchback
Country Code	USA
ECU Serial Number	T068310597
VIN Original	[redacted]
VIN Current	
HW - Year	10
HW - Week	30
HW - Patch Level	00
SW - year	20
SW - week	51
SW - Patch Level	0
Hardware Supplier Identification	Panasonic
Software Supplier Identification	Panasonic

RFH DETAILS

NAME	VALUE
VIN Original	[redacted]
Model Year	2023
Vehicle Line	JL
Active Diagnostic Variant	46
Active Diagnostic Version	04
ECU Software Mode	Running in Application

[redacted]

ECU Part Number	56029925AB
Hardware Part Number	11208102AA
Body Style	BODY_4
Country Code	USA / USA
IAC Data	55 AA 66 CC 55 AA 66 CC 55 AA 66 CC 55 AA 66 CC
ECU Serial Number	T04Z20923R0059
Hardware Supplier	Continental
Software Supplier	Continental
Hardware Version - Year	10
Hardware Version - Week	17
Hardware Version - Patch Level	00
Software Version - Year	15
Software Version - Week	1D
Software Version - Patch Level	00
Active Diagnostic Session	Extended
Software Logical Block #0 Part Number	68341973AQ

ESM DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	22

DTCM DETAILS

NAME	VALUE
Active Diagnostic Variant	45
Active Diagnostic Version	01
ECU Part Number	68611937AA
ECU Serial Number	TH2YC07432VVRV
ECU Software Mode	Running in Application
Hardware Part Number	68611937AA
HW - Year	17
HW - Week	34
HW - Patch Level	0
Hardware Supplier Identification	Continental
Hardware Variant	Full Time
Software Part Number	68611937AA
SW - year	22
SW - week	31
SW - Patch Level	1
Software Supplier Identification	Continental
Model Year	2023
Vehicle Line	JL
Body Style	4-Door Hatchback
Country Code	USA

[redacted]

VIN Current	[redacted]

ORC DETAILS

NAME	VALUE
Model Year	2023
Vehicle Line	JL
Body Style	BODY_4DH
Country Code	USA
ECU Serial Number	T02JF0893G2401
Active Diagnostic Variant	45
Active Diagnostic Version	01

EPS DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	05
ECU Part Number	68529427AD
HW - Year	16
HW - Week	19
HW - Patch Level	00
SW - year	22
SW - week	11
SW - Patch Level	220
Hardware Supplier Identification	China Automotive Systems Inc
ECU Serial Number	TFD0313C0123
VIN Current	[redacted]
Model Year	2023
Vehicle Line	JL
Body Style	BODY_4DH
Country Code	USA
Boot SW - Year	16
Boot SW - Week	50
Boot SW - Patch Level	12
Software Logical Block Supplier Identification	China Automotive Systems Inc

HVAC DETAILS

NAME	VALUE
VIN Original	[redacted]
VIN Current	
Model Year	2023
Body Style	4-Door-Hatchback
Country Code	USA
Active Diagnostic Variant	44
Active Diagnostic Version	20

[redacted]

ECU Part Number	52080486AB

CSWM DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Active Diagnostic Variant	42
Active Diagnostic Version	02
ECU Part Number	68530204AB
VIN Original	[redacted]
VIN Current	

AMP DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	34
ECU Origin	DCX
ECU Part Number	68549084AC
ECU Serial Number	TZ1AA0883G1198
Hardware Part Number	68549088AA
HW - Year	21
HW - Week	1
HW - Patch Level	01
Hardware Supplier Identification	Alpine
Software Part Number	68549084AC
SW - year	21
SW - week	41
SW - Patch Level	0
Software Supplier Identification	Alpine
Model Year	2023
Vehicle Line	JL
Body Style	4-Door-Hatchback
Country Code	USA
VIN Original	[redacted]
VIN Current	

IPC DETAILS

NAME	VALUE
Active Diagnostic Variant	48
Active Diagnostic Version	05
ECU Part Number	68525023AD
ECU Serial Number	JLZ7101320QS
Hardware Part Number	68525023AD
HW - Year	21
HW - Week	44

[redacted]

HW - Patch Level	00
Hardware Supplier Identification	Magneti Marelli
Software Logical Block #1 Part Number	68525025AD
SW - year - Block 1	22
SW - week - Block 1	25
SW - patch level - Block 1	1
Software Supplier Identification	Magneti Marelli
Model Year	2023
Body Style	4-Door-Hatchback
Vehicle Line	JL
Country Code	USA
VIN Original	[redacted]
VIN Current	

SCCM DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Active Diagnostic Variant	43
Active Diagnostic Version	1
ECU Part Number	68599295AA
ECU Serial Number	S05531519
Hardware Supplier Identification	Kostal
Hardware Part Number	10321385AC
HW - Year	19
HW - Week	40
HW - Patch Level	0
Software Logical Block Supplier Identification	Kostal
Software Logical Block #0 Part Number	12020778AB
SW - year	19
SW - week	41
SW - Patch Level	0
Model Year	2023
Vehicle Line	JL
Body Style	BODY_4DH
Country Code	USA
VIN Original	[redacted]
VIN Current	

BCM DETAILS

NAME	VALUE
Hardware Part Number	68525355AC
Software Logical Block #0 Part Number	68525356AC
ECU Part Number	68525355AC
Active Diagnostic Variant	46

[redacted]

Active Diagnostic Version	30
Hardware Supplier Identification	Continental
Software Logical Block Supplier Identification	Continental
Model Year	2023
Vehicle Line	JL
Body Style	4-Door Hatchback
Country Code	USA
ECU Serial Number	T1C103321943
VIN Current	[redacted]
VIN Original	

RADIO DETAILS

NAME	VALUE
Sales Code	Q
Active Diagnostic Variant	82
Active Diagnostic Version	05
ECU Part Number	68615156AB
ECU Serial Number	T M9082300415
Software Part Number	68615156AB
SW - year	2022
SW - week	34
SW - Patch Level	11
Software Supplier Identification	Panasonic
ECU Software Number	68615156AB
ECU Software Version Number	5666
Hardware Part Number	CNSC8CN5GX
HW - Year	2022
HW - Week	34
HW - Patch Level	11
Hardware Supplier Identification	Panasonic
ECU Hardware Version Number	20
Market Selection Configuration	02
Model Year	2023
Vehicle Line	JL
Body Style	4- Door Hatchback
Country Code	USA
VIN Original	[redacted]
VIN Current	

OCM DETAILS

NAME	VALUE
Active Diagnostic Variant	41
Active Diagnostic Version	51
Hardware Part Number	28756173

[redacted]

Software Logical Block #0 Part Number	28790958
ECU Part Number	68582577AB
Model Year	2023
Vehicle Line	JL
Body Style	4-door Hatchback / BODY_4DH
Country Code	USA
ECU Serial Number	TJLJY08731N0BJ
VIN Original	[redacted]
VIN Current	

BPCM DETAILS

NAME	VALUE
Active Diagnostic Variant	57
Active Diagnostic Version	01
ECU Part Number	05193168AK
VIN Original	[redacted]
VIN Current	
SW - year	2022
SW - week	15
SW - Patch Level	44
ECU Serial Number	TAA6I1023C0251
Boot SW - Year	2021
Boot SW - Week	12
Boot SW - Patch Level	01

HCP DETAILS

NAME	VALUE
Active Diagnostic Variant	54
Active Diagnostic Version	03
ECU Part Number	68614244AC
Model Year	2023
Vehicle Line	JL
Body Style	4-Door Hatchback
VIN Original	[redacted]
VIN Current	

AHCP DETAILS

NAME	VALUE
AHCP SW Version	20B
MCPA SW Version	2208A0
Active Diagnostic Variant	56
Active Diagnostic Version	00
Hardware Part Number	05185101AH
ECU Part Number	68614243AC

[redacted]

Model Year	2023
Vehicle Line	JL
Body Style	4-Door Hatchback
VIN Original	[redacted]
VIN Current	

ABSO DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	00
Hardware Part Number	68596542AB
Software Part Number	68596542AB
ECU Part Number	68596542AB
VIN Original	[redacted]
VIN Current	

SGW DETAILS

NAME	VALUE
VIN Original	[redacted]
Diagnostic Variant ID	41
Diagnostic Version	03
Supplier ID	Bosch
ECU Part Number	68532299AB
System Supplier ECU Hardware Number	6002JE2422
System Supplier ECU Hardware Version Number	6
System Supplier ECU Software Number	V230
System Supplier ECU Software Version Number	1125
ECU Serial Number	54 46 31 31 36 30 38 39 33 4A 31 44 44 42 30
Active Diagnostic Session Data Identifier	Extended Diagnostic Session

DPDM DETAILS

NAME	VALUE
Active Diagnostic Variant	46
Active Diagnostic Version	00
Hardware Part Number	28756175
Software Logical Block #0 Part Number	28790955
ECU Part Number	68582578AB
Model Year	2023
Vehicle Line	JL
Body Style	BODY_4DH
Country Code	USA
ECU Serial Number	TJLJY09331P0J9
VIN Original	[redacted]
VIN Current	

[redacted]

IDCM DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	00
ECU Part Number	05185035AS
Model Year	2023
Vehicle Line	JL
Body Style	4-Door Hatchback
VIN Original	[redacted]
VIN Current	

[redacted]

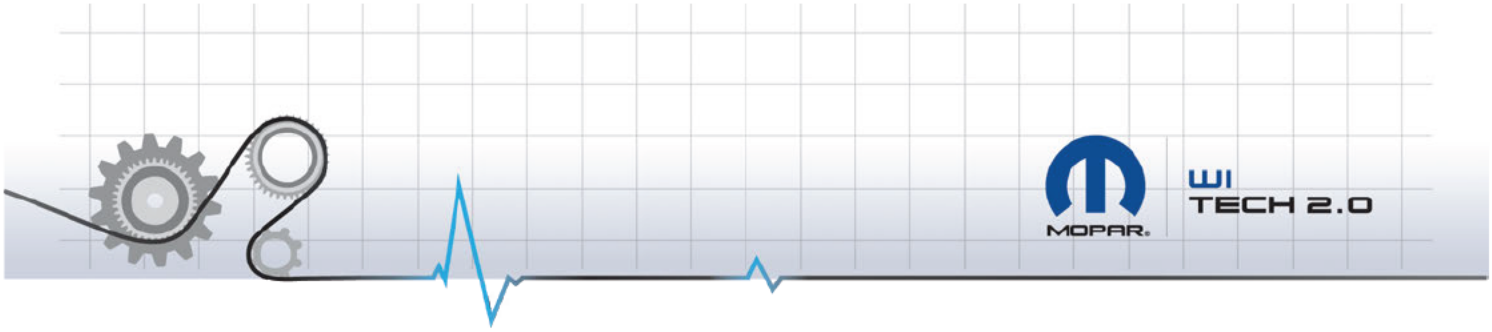
EVENT DATA REPORT

Vehicle	2023 JEEP WRANGLER 2.0L I4 DOHC DI TURBO PHEV ENGINE	**Odometer**	80.5 km
VIN	[redacted]	**Publication Date**	May 18, 2023, 11:50:01 AM

EVENT DATA

No Event Data available

[redacted]



FREEZE FRAME REPORT

Vehicle	2023 JEEP WRANGLER 2.0L I4 DOHC DI TURBO PHEV ENGINE	**Odometer**	80.5 km
VIN	[redacted]	**Publication Date**	May 18, 2023, 11:48:54 AM

FREEZE FRAME DATA

No Carb data available

No Freeze Frame #1 data available

No Freeze Frame #2 data available

No Freeze Frame #3 data available

No Freeze Frame #4 data available

No MisFire data available

[redacted]

VEHICLE HEALTH REPORT

Vehicle 2023 JEEP WRANGLER 2.0L I4 DOHC DI TURBO PHEV ENGINE
VIN [redacted]

Odometer 80.5 km
Publication Date May 18, 2023, 11:50:12 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C	68620361AB	[redacted]		68620361AB
PCM	Powertrain Control Module	CAN-C	68614848AC			68614848AC
ICS	Integrated Center Stack	CAN-I	6SX95DX9AE			6SX95DX9AE
RFH	Radio Frequency Hub	CAN-C	56029925AB			56029925AB
ESM	Electronic Shifter	CAN-C	68620948AA			68620948AA
DTCM	Drive Train Control Module	CAN-C	68611937AA			68611937AA
ORC	Occupant Restraint	CAN-C	68526670AB			68526670AB
EPS	Electric Power Steering	CAN-C	68529427AD			68529427AD
HVAC	Heat, Ventilation and A/C	CAN-I	52080486AB			52080486AB
CSWM	Comfort Seat Wheel Module	CAN-I	68530204AB			68530204AB
AMP	Amplifier	CAN-I	68549084AC			68549084AC
IPC	Instrument Panel Cluster	CAN-C	68525023AD			68525023AD
SCCM	Steering Column Control Module	CAN-C	68599295AA			68599295AA
BCM	Body Controller	CAN-C	68525356AC			68525355AC
RADIO	Radio	CAN-I	68615156AB			68615156AB
OCM	Occupant Classification	CAN-C	68582577AB			68582577AB
BPCM	Battery Pack Control Module	CAN-C	05193168AK			05193168AK
HCP	Hybrid Control Processor	CAN-C	68614244AC			68614244AC
AHCP	Auxiliary Hybrid Control Processor	CAN-C	68614243AC			68614243AC
ABSO	Anti Lock Brakes OBD	CAN-C	68596542AB			68596542AB

[redacted]

SGW	Security Gateway Module	CAN-C	68532299AB	[redacted]	68532299AB
DPDM	Driver Presence Detection Module	CAN-C	68582578AB		68582578AB
IDCM	Integrated Dual Charge Module	CAN-C	05185035AS		05185035AS

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
TCM	USA / USA	13 05 0E	16 1C 00	4700	[redacted]	4AB842E6
PCM	USA	1D 47	21 22 00	4928		A337D9ED
ICS	USA	10 1E 00	14 33 00	4802		
RFH	USA / USA	10 17 00	15 1D 00	4604		
ESM	USA	15 18 00	12 2A 00	4322		
DTCM	USA	11 22 00	16 1F 01	4501		
ORC	USA	14 0B 00	14 12 01	4501		
EPS	USA	10 13 00	16 0B DC	4005		
HVAC	USA	13 20 00	15 01 01	4420		
CSWM	USA	11 2A 00	15 06 00	4202		
AMP	USA	21 01 01	15 29 00	4034		
IPC	USA	21 2C 00	16 19 01	4805		
SCCM	USA	13 28 00	13 29 00	4301		
BCM	USA	0D 11 00	15 21 50	4630		
RADIO	USA	16 22 11	16 22 11	8205		
OCM	USA	15 17 01	16 13 02	4151		
BPCM	Rest of world / ROW	13 0C 04	16 0F 44	5701		C62EF393
HCP	USA	16 09 06	16 2A 01	5403		665178C3 8D7568A3 4B0D83D8
AHCP	USA	16 09 06	14 33 01	5600		
ABSO	USA	16 15 00	16 18 03	4300		487C0506
SGW		6	1125	4103		
DPDM	USA	15 18 01	16 13 02	4600		
IDCM	USA	15 0E 00		4000		

FLASHES

RSUS

RSU #	DESCRIPTION	STATUS

RECALLS

RECALL #	DESCRIPTION	STATUS

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
TCM	P1B13-00	Park-By-Wire - Unintended Out of Park Position-	Stored

[redacted]

BPCM	P0AA1-00	Hybrid/EV Battery Positive Contactor "A" Stuck Closed-	Active

ENVIRONMENTAL DATA SUMMARY

TCM | P1B13-00 | Stored | Park-By-Wire - Unintended Out of Park Position-

NAME	VALUE	UNITS
DTC	1B 13 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	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	80	km
Most Recent Odometer Value	80	km
Frequency Counter	1	
Ignition Cycle Counter	0	

BPCM | P0AA1-00 | Active | Hybrid/EV Battery Positive Contactor "A" Stuck Closed-

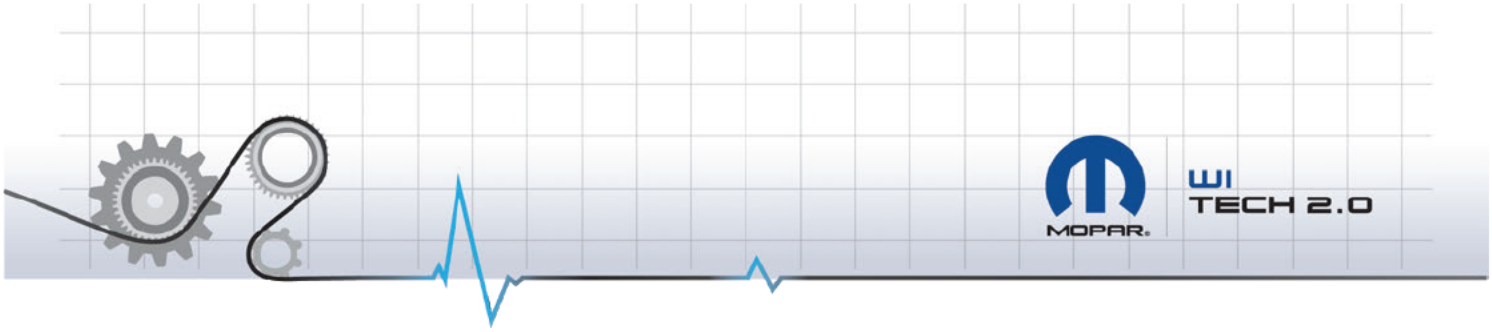
NAME	VALUE	UNITS
DTC	0A A1 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Error	
Original Odometer Value	80.5	km
Most Recent Odometer Value	80.5	km
Frequency Counter	1	
Ignition Cycle Counter	0	
FoM - for this DTC (lifetime fails)	0	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Total Time Awake	2088879	seconds
Key in Ignition	Key_Def	
EPT -WakeUp	Sourced	

HCP Contactor Command	CLS	
Contactor Status	PreCharging Inhibited	
Plug in Status	Not plugged in	
Balance Mode	False	
Vehicle Speed	0.0	km/hr
System (12) Volts at time of fault	12.268	Volts
Battery Lifetime AmpHrs of Charge	36.9	AHr
Battery Lifetime AmpHrs of DisCharge	42.9	AHr
HVIL Status -Vehicle	PASS	
Cycles left to self heal	255	No Unit
HV Battery Charge Power 2sec	70548	watts
HV Battery Charge Power 10sec	70548	watts
HV Battery Discharge Power 2sec	87828	watts
HV Battery Discharge Power 10sec	75882	watts
Key - DriveRdy (CAN)	False	
Battery Lifetime Number Of Closes	55	
Battery Full AmpHr Capacity	49.5	AmpHrs
Battery Cell Voltage Maximum	3478	mV
Battery Cell Voltage Minimum	3469	mV
Battery Cell Voltage Average	3475	mV
Battery Temperature Maximum Module	21	°C
Battery Temperature Minimum Module	20	°C
Battery Temperature Average Module	21	°C
DTC Extended Data Record Number - All	01	
DTC Extended Data Record Number - 2	02	
HV Battery Charge Power 30sec	70548	watts
HV Battery Discharge Power 30sec	33663	watts
Key Position	Ignition Status: Locked	
SOC	14.9	%
HV Bat SOH-R	100.0	%
HV Bat SOH-C	100.0	%
Cell Impedance Max Discharge	0.968	mOhms
Cell Impedance Min Discharge	0.968	mOhms
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle source - Vehicle	49.0	%
HVIL PWM Duty Cycle Source - Battery	49.0	%
HVIL PWM Duty Cycle Sink - Battery	49.0	%
HVIL PWM Frequency source - Vehicle	88.0	Hz
HVIL PWM Frequency Sink - Vehicle	88.0	Hz
HVIL PWM Frequency Source - Battery	88.0	Hz
HVIL PWM Frequency Sink - Battery	88.0	Hz
HVIL Returned current - Vehicle	25.60	mA
HVIL Returned current - Battery	25.30	mA
Battery Cell Highest Cell number	57	

Battery Cell Lowest Cell number	46	
HV Battery Current Sensor Primary	0.00	Amps
HV Battery Current Sensor Secondary	-0.65	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Battery Voltage (cell sum)	333.60	Volts
HV Battery Voltage (Module Sum)	333.50	Volts
Battery Temperature Highest Sensor number	04	
Battery Temperature Lowest Sensor number	11	
HV Cooling Battery coolant inlet temp	21	°C
HV Cooling Battery coolant outlet temp	20	°C
BPCM temperature max	21	°C
BPCM temperature min	21	°C
Vehicle Isolation Impedance (Positive side)	4.194	Mega Ohms
Vehicle Isolation Impedance (Negative side)	4.194	Mega Ohms
Vehicle Isolation Impedance (Equivalent)	4.194	Mega Ohms
Battery Isolation Impedance (Positive side)	4.194	Mega Ohms
Battery Isolation Impedance (Negative side)	4.194	Mega Ohms
Battery Isolation Impedance (Equivalent)	4.194	Mega Ohms
Engine Speed	0	rpm
Accelerator position	0.0	%
GPS_Date - Year	59143	Year
GPS_Date - Month	5	
GPS_Date - Day	15	Days
UTC_Time - Hours	20	Hours
UTC_Time - Minutes	28	
UTC_Time - Seconds	0	seconds
HCP - System Shutdown Command (CAN)	Default	
HCP - ePT LOC Diagnostics Enable (CAN)	Default	
HCP - Propulsion system active (CAN)	False	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Close	
HVIL PWM Duty Cycle sink - Vehicle	49.0	%
HV Sensor- Pack Voltage (U BAT P - U BAT M)	333.30	Volts
HV Sensor - DC Link Voltage (U DC LINK)	0.20	Volts
HV Sensor - main fuse Voltage (U MAIN P - U MAIN M) - U DC LINK	116.6	Volts
OBCM Fuse Voltage (U MAIN P - U AUX FUSE)	0.0	Volts
APM Fuse Voltage (U MAIN P - U AUX REL)	0.0	Volts
HV Sensor - Battery Voltage - Positive contactor (U BAT P)	166.8	Volts
HV Sensor - Battery Voltage - Negative contactor (U BAT M)	-166.4	Volts
HV Sensor - Weld Contactor Voltage - Positive contactor (U MAIN P)	166.8	Volts

HV Sensor - Weld Contactor Voltage - Negative contactor (U MAIN M)	50.0	Volts
HV Sensor - U AUX FUSE	-320.4	Volts
HV Battery Total Amp Hour Capacity (CAN)	49.5	AHr
HV Battery - Pack Isolation state (CAN)	PASS	
HV Battery - Powertrain Isolation state (CAN)	N_S	
HV Sensor - Pack Voltage VALIDITY (CAN)	Valid	
HV Battery Current HVBatCrnt VALIDITY (CAN)	Valid	
HV Battery Total Amp Hour Capacity VALIDITY (CAN)	Valid	
BPCM - MCU Reset Counter	0	
BPCM - RAM Reset Counter	0	
BPCM - ROM Reset Counter	0	
BPCM - Safety Mechnism (TSR) Reset Counter	0	
BPCM - Hall current sensor supply voltage (5VQT1)	5.001	Volts
BPCM - Precharge Penalty Timer (CAN)	600	seconds
BPCM - RTC Circuit Status	10	
BPCM - HVBat Sleep Time	495	seconds
BPCM - System Mode	1	No Unit
BPCM - HV Battery pack contactor request (CAN)	False	
BPCM - HV Battery Pack contactor Open (CAN)	False	
BPCM - HV Battery pack Contactor welded and impeded opening (CAN)	Normal	
BPCM - Crash Indication (CAN)	Do Not Actuate	
BPCM - Crash Indication VALIDITY (CAN)	Fail Not Present	
BPCM - Retention Status	Normal	
BPCM - Active weld check type	Voltage-Based Weld Check	
BPCM - Current Category of Wearout Counter	A Level	
HV Contactor State - Positive Contactor	Open	
HV Contactor State - Negative Contactor	Open	
HV Contactor State - Precharge Contactor	Open	
CSC Fault - Cn Pin Open	PASS	
CSC Fault - Cn Short to SWn	PASS	
CSC Fault - Auxiliary channel 1 Pin Open	PASS	
CSC Fault - Auxiliary channel 2 Pin Open	PASS	
CSC Fault - Measured result difference between Alternative path and Primary path is out of range	PASS	
CSC Fault - Balancing Switch Short	PASS	
CSC Fault - Balancing Switch Open	PASS	
CSC Fault - Alternate reference voltage is out of range	PASS	
CSC Fault - Vaa voltage is out of range	PASS	
CSC Fault - Level-shift amplifier offset voltage is out of range	PASS	
CSC Fault - Stuck ADC output bits verification with zero-scale	PASS	
CSC Fault - Stuck ADC output bits verification with full-scale	PASS	
CSC Fault - Multiplexer Open/Short verification with single HVMUX test current source	PASS	
CSC Fault - Multiplexer Open/Short verification with both HVMUX test current sources	PASS	

CSC Fault - Measured result difference between Module voltage and Cell voltage summation	PASS	
CSC Fault - Vhv < Vhvuv	PASS	
CSC Fault - Vhv - Vdcin > Vhvov	PASS	
CSC Fault - Die Temperature is over the upper limit	PASS	
CSC Fault - Scanning for cell information is not complete	PASS	
CSC Fault - ADC Data Path error	PASS	
CSC Fault - Packet Error Check	PASS	
CSC Fault - Power-on reset event occurred	PASS	
CSC Fault - 32kHz oscillator frequency is not within +/-5% of its expected value	PASS	
CSC Fault - Same as Alrtosc1(redundant alert)	PASS	
CSC Fault - Die Temperature is over the upper limit	PASS	
CSC Fault - Module number addressing is fail	PASS	
CSC Fault - Alive counter is not matched to the exepected value	PASS	
CSC Fault - PEC Bits in Data-check byte error	PASS	
CSC Fault - Vhv - V12 is too low	PASS	
CSC Fault Transmit data is not equal to read back data	PASS	
CSC Diagnostics - Initialization Status	FF FF FF FF	
CSC Diagnostics - CSC #01 Status	00 00 00 00	
CSC Diagnostics - CSC #02 Status	00 00 00 00	
CSC Diagnostics - CSC #03 Status	00 00 00 00	
CSC Diagnostics - CSC #04 Status	00 00 00 00	
CSC Diagnostics - CSC #05 Status	00 00 00 00	
CSC Diagnostics - CSC #06 Status	00 00 00 00	
CSC Diagnostics - CSC #07 Status	00 00 00 00	
CSC Diagnostics - CSC #08 Status	00 00 00 00	
CSC Diagnostics - AFE Internal Operation Mode	0B	



VEHICLE SCAN REPORT

Vehicle 2023 JEEP WRANGLER 2.0L I4 DOHC DI TURBO PHEV ENGINE
VIN [redacted]

Odometer 80.5 km
Publication Date May 18, 2023, 11:49:23 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C	68620361AB	[redacted]		68620361AB
PCM	Powertrain Control Module	CAN-C	68614848AC			68614848AC
ICS	Integrated Center Stack	CAN-I	6SX95DX9AE			6SX95DX9AE
RFH	Radio Frequency Hub	CAN-C	56029925AB			56029925AB
ESM	Electronic Shifter	CAN-C	68620948AA			68620948AA
DTCM	Drive Train Control Module	CAN-C	68611937AA			68611937AA
ORC	Occupant Restraint	CAN-C	68526670AB			68526670AB
EPS	Electric Power Steering	CAN-C	68529427AD			68529427AD
HVAC	Heat, Ventilation and A/C	CAN-I	52080486AB			52080486AB
CSWM	Comfort Seat Wheel Module	CAN-I	68530204AB			68530204AB
AMP	Amplifier	CAN-I	68549084AC			68549084AC
IPC	Instrument Panel Cluster	CAN-C	68525023AD			68525023AD
SCCM	Steering Column Control Module	CAN-C	68599295AA			68599295AA
BCM	Body Controller	CAN-C	68525356AC			68525355AC
RADIO	Radio	CAN-I	68615156AB			68615156AB
OCM	Occupant Classification	CAN-C	68582577AB			68582577AB
BPCM	Battery Pack Control Module	CAN-C	05193168AK			05193168AK
HCP	Hybrid Control Processor	CAN-C	68614244AC			68614244AC
AHCP	Auxiliary Hybrid Control Processor	CAN-C	68614243AC			68614243AC
ABSO	Anti Lock Brakes OBD	CAN-C	68596542AB			68596542AB

SGW	Security Gateway Module	CAN-C	68532299AB	[redacted]	68532299AB
DPDM	Driver Presence Detection Module	CAN-C	68582578AB		68582578AB
IDCM	Integrated Dual Charge Module	CAN-C	05185035AS		05185035AS

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
TCM	USA / USA	13 05 0E	16 1C 00	4700	[redacted]	4AB842E6
PCM	USA	1D 47	21 22 00	4928		A337D9ED
ICS	USA	10 1E 00	14 33 00	4802		
RFH	USA / USA	10 17 00	15 1D 00	4604		
ESM	USA	15 18 00	12 2A 00	4322		
DTCM	USA	11 22 00	16 1F 01	4501		
ORC	USA	14 0B 00	14 12 01	4501		
EPS	USA	10 13 00	16 0B DC	4005		
HVAC	USA	13 20 00	15 01 01	4420		
CSWM	USA	11 2A 00	15 06 00	4202		
AMP	USA	21 01 01	15 29 00	4034		
IPC	USA	21 2C 00	16 19 01	4805		
SCCM	USA	13 28 00	13 29 00	4301		
BCM	USA	0D 11 00	15 21 50	4630		
RADIO	USA	16 22 11	16 22 11	8205		
OCM	USA	15 17 01	16 13 02	4151		
BPCM	Rest of world / ROW	13 0C 04	16 0F 44	5701		C62EF393
HCP	USA	16 09 06	16 2A 01	5403		665178C3 8D7568A3 4B0D83D8
AHCP	USA	16 09 06	14 33 01	5600		
ABSO	USA	16 15 00	16 18 03	4300		487C0506
SGW		6	1125	4103		
DPDM	USA	15 18 01	16 13 02	4600		
IDCM	USA	15 0E 00		4000		

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
TCM	P1B13-00	Park-By-Wire - Unintended Out of Park Position-	Stored
BPCM	P0AA1-00	Hybrid/EV Battery Positive Contactor "A" Stuck Closed-	Active

ENVIRONMENTAL DATA SUMMARY

TCM | P1B13-00 | Stored | Park-By-Wire - Unintended Out of Park Position-

NAME	VALUE	UNITS
DTC	1B 13 00	
Test Failed	False	

[redacted]

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	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	80	km
Most Recent Odometer Value	80	km
Frequency Counter	1	
Ignition Cycle Counter	0	

BPCM | P0AA1-00 | Active | Hybrid/EV Battery Positive Contactor "A" Stuck Closed-

NAME	VALUE	UNITS
DTC	0A A1 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
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	Error	
Original Odometer Value	80.5	km
Most Recent Odometer Value	80.5	km
Frequency Counter	1	
Ignition Cycle Counter	0	
FoM - for this DTC (lifetime fails)	0	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Total Time Awake	2088879	seconds
Key in Ignition	Key_Def	
EPT -WakeUp	Sourced	
HCP Contactor Command	CLS	
Contactor Status	PreCharging Inhibited	
Plug in Status	Not plugged in	
Balance Mode	False	
Vehicle Speed	0.0	km/hr
System (12) Volts at time of fault	12.268	Volts
Battery Lifetime AmpHrs of Charge	36.9	AHr
Battery Lifetime AmpHrs of DisCharge	42.9	AHr

[redacted]

HVIL Status -Vehicle	PASS	
Cycles left to self heal	255	No Unit
HV Battery Charge Power 2sec	70548	watts
HV Battery Charge Power 10sec	70548	watts
HV Battery Discharge Power 2sec	87828	watts
HV Battery Discharge Power 10sec	75882	watts
Key - DriveRdy (CAN)	False	
Battery Lifetime Number Of Closes	55	
Battery Full AmpHr Capacity	49.5	AmpHrs
Battery Cell Voltage Maximum	3478	mV
Battery Cell Voltage Minimum	3469	mV
Battery Cell Voltage Average	3475	mV
Battery Temperature Maximum Module	21	°C
Battery Temperature Minimum Module	20	°C
Battery Temperature Average Module	21	°C
DTC Extended Data Record Number - All	01	
DTC Extended Data Record Number - 2	02	
HV Battery Charge Power 30sec	70548	watts
HV Battery Discharge Power 30sec	33663	watts
Key Position	Ignition Status: Locked	
SOC	14.9	%
HV Bat SOH-R	100.0	%
HV Bat SOH-C	100.0	%
Cell Impedance Max Discharge	0.968	mOhms
Cell Impedance Min Discharge	0.968	mOhms
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle source - Vehicle	49.0	%
HVIL PWM Duty Cycle Source - Battery	49.0	%
HVIL PWM Duty Cycle Sink - Battery	49.0	%
HVIL PWM Frequency source - Vehicle	88.0	Hz
HVIL PWM Frequency Sink - Vehicle	88.0	Hz
HVIL PWM Frequency Source - Battery	88.0	Hz
HVIL PWM Frequency Sink - Battery	88.0	Hz
HVIL Returned current - Vehicle	25.60	mA
HVIL Returned current - Battery	25.30	mA
Battery Cell Highest Cell number	57	
Battery Cell Lowest Cell number	46	
HV Battery Current Sensor Primary	0.00	Amps
HV Battery Current Sensor Secondary	-0.65	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Battery Voltage (cell sum)	333.60	Volts
HV Battery Voltage (Module Sum)	333.50	Volts
Battery Temperature Highest Sensor number	04	
Battery Temperature Lowest Sensor number	11	

[redacted]

HV Cooling Battery coolant inlet temp	21	°C
HV Cooling Battery coolant outlet temp	20	°C
BPCM temperature max	21	°C
BPCM temperature min	21	°C
Vehicle Isolation Impedance (Positive side)	4.194	Mega Ohms
Vehicle Isolation Impedance (Negative side)	4.194	Mega Ohms
Vehicle Isolation Impedance (Equivalent)	4.194	Mega Ohms
Battery Isolation Impedance (Positive side)	4.194	Mega Ohms
Battery Isolation Impedance (Negative side)	4.194	Mega Ohms
Battery Isolation Impedance (Equivalent)	4.194	Mega Ohms
Engine Speed	0	rpm
Accelerator position	0.0	%
GPS_Date - Year	59143	Year
GPS_Date - Month	5	
GPS_Date - Day	15	Days
UTC_Time - Hours	20	Hours
UTC_Time - Minutes	28	
UTC_Time - Seconds	0	seconds
HCP - System Shutdown Command (CAN)	Default	
HCP - ePT LOC Diagnostics Enable (CAN)	Default	
HCP - Propulsion system active (CAN)	False	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Close	
HVIL PWM Duty Cycle sink - Vehicle	49.0	%
HV Sensor- Pack Voltage (U BAT P - U BAT M)	333.30	Volts
HV Sensor - DC Link Voltage (U DC LINK)	0.20	Volts
HV Sensor - main fuse Voltage (U MAIN P - U MAIN M) - U DC LINK	116.6	Volts
OBCM Fuse Voltage (U MAIN P - U AUX FUSE)	0.0	Volts
APM Fuse Voltage (U MAIN P - U AUX REL)	0.0	Volts
HV Sensor - Battery Voltage - Positive contactor (U BAT P)	166.8	Volts
HV Sensor - Battery Voltage - Negative contactor (U BAT M)	-166.4	Volts
HV Sensor - Weld Contactor Voltage - Positive contactor (U MAIN P)	166.8	Volts
HV Sensor - Weld Contactor Voltage - Negative contactor (U MAIN M)	50.0	Volts
HV Sensor - U AUX FUSE	-320.4	Volts
HV Battery Total Amp Hour Capacity (CAN)	49.5	AHr
HV Battery - Pack Isolation state (CAN)	PASS	
HV Battery - Powertrain Isolation state (CAN)	N_S	
HV Sensor - Pack Voltage VALIDITY (CAN)	Valid	
HV Battery Current HVBatCrnt VALIDITY (CAN)	Valid	
HV Battery Total Amp Hour Capacity VALIDITY (CAN)	Valid	

BPCM - MCU Reset Counter	0	
BPCM - RAM Reset Counter	0	
BPCM - ROM Reset Counter	0	
BPCM - Safety Mechnism (TSR) Reset Counter	0	
BPCM - Hall current sensor supply voltage (5VQT1)	5.001	Volts
BPCM - Precharge Penalty Timer (CAN)	600	seconds
BPCM - RTC Circuit Status	10	
BPCM - HVBat Sleep Time	495	seconds
BPCM - System Mode	1	No Unit
BPCM - HV Battery pack contactor request (CAN)	False	
BPCM - HV Battery Pack contactor Open (CAN)	False	
BPCM - HV Battery pack Contactor welded and impeded opening (CAN)	Normal	
BPCM - Crash Indication (CAN)	Do Not Actuate	
BPCM - Crash Indication VALIDITY (CAN)	Fail Not Present	
BPCM - Retention Status	Normal	
BPCM - Active weld check type	Voltage-Based Weld Check	
BPCM - Current Category of Wearout Counter	A Level	
HV Contactor State - Positive Contactor	Open	
HV Contactor State - Negative Contactor	Open	
HV Contactor State - Precharge Contactor	Open	
CSC Fault - Cn Pin Open	PASS	
CSC Fault - Cn Short to SWn	PASS	
CSC Fault - Auxiliary channel 1 Pin Open	PASS	
CSC Fault - Auxiliary channel 2 Pin Open	PASS	
CSC Fault - Measured result difference between Alternative path and Primary path is out of range	PASS	
CSC Fault - Balancing Switch Short	PASS	
CSC Fault - Balancing Switch Open	PASS	
CSC Fault - Alternate reference voltage is out of range	PASS	
CSC Fault - Vaa voltage is out of range	PASS	
CSC Fault - Level-shift amplifier offset voltage is out of range	PASS	
CSC Fault - Stuck ADC output bits verification with zero-scale	PASS	
CSC Fault - Stuck ADC output bits verification with full-scale	PASS	
CSC Fault - Multiplexer Open/Short verification with single HVMUX test current source	PASS	
CSC Fault - Multiplexer Open/Short verification with both HVMUX test current sources	PASS	
CSC Fault - Measured result difference between Module voltage and Cell voltage summation	PASS	
CSC Fault - Vhv < Vhvuv	PASS	
CSC Fault - Vhv - Vdcin > Vhvov	PASS	
CSC Fault - Die Temperature is over the upper limit	PASS	
CSC Fault - Scanning for cell information is not complete	PASS	
CSC Fault - ADC Data Path error	PASS	
CSC Fault - Packet Error Check	PASS	
CSC Fault - Power-on reset event occurred	PASS	

CSC Fault - 32kHz oscillator frequency is not within +/-5% of its expected value	PASS	
CSC Fault - Same as Alrtosc1(redundant alert)	PASS	
CSC Fault - Die Temperature is over the upper limit	PASS	
CSC Fault - Module number addressing is fail	PASS	
CSC Fault - Alive counter is not matched to the exepected value	PASS	
CSC Fault - PEC Bits in Data-check byte error	PASS	
CSC Fault - Vhv - V12 is too low	PASS	
CSC Fault - Transmit data is not equal to read back data	PASS	
CSC Diagnostics - Initialization Status	FF FF FF FF	
CSC Diagnostics - CSC #01 Status	00 00 00 00	
CSC Diagnostics - CSC #02 Status	00 00 00 00	
CSC Diagnostics - CSC #03 Status	00 00 00 00	
CSC Diagnostics - CSC #04 Status	00 00 00 00	
CSC Diagnostics - CSC #05 Status	00 00 00 00	
CSC Diagnostics - CSC #06 Status	00 00 00 00	
CSC Diagnostics - CSC #07 Status	00 00 00 00	
CSC Diagnostics - CSC #08 Status	00 00 00 00	
CSC Diagnostics - AFE Internal Operation Mode	0B	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P1B13-00

No Snapshot Data available for P0AA1-00