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CONFIGURATION REPORT

Vehicle 2021 JEEP WRANGLER(PHEV) 2.0L I4 DOHC DI TURBO PHEV ENGINE
VIN [redacted]

Odometer 15957.2 miles
Publication Date Jun 2, 2023, 10:07:19 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C	68478030AN	[redacted]		68478030AN
PCM	Powertrain Control Module	CAN-C	68477593AM			68477593AM
ICS	Integrated Center Stack	CAN-I	6SX95DX9AE			6SX95DX9AE
RFH	Radio Frequency Hub	CAN-C	56029925AA			56029925AA
ESM	Electronic Shifter	CAN-C	04670716AC			04670716AC
DTCM	Drive Train Control Module	CAN-C	68547688AB			68547688AB
ORC	Occupant Restraint	CAN-C	68526670AB			68526670AB
EPS	Electric Power Steering	CAN-C	68529427AC			68529427AC
HVAC	Heat, Ventilation and A/C	CAN-I	68496562AC			68496562AC
CSWM	Comfort Seat Wheel Module	CAN-I	68510873AA			68510873AA
AMP	Amplifier	CAN-I	68549084AB			68549084AB
IPC	Instrument Panel Cluster	CAN-C	68499481AI			68499481AI
SCCM	Steering Column Control Module	CAN-C	68526258AA			68526258AA
BCM	Body Controller	CAN-C	68496169AF			68496168AF
RADIO	Radio	CAN-I	68472587AI			68472587AI
OCM	Occupant Classification	CAN-C	68403128AA			68403128AA
BPCM	Battery Pack Control Module	CAN-C	05193168AG			05193168AG
HCP	Hybrid Control Processor	CAN-C	68451035AR			68451035AR
AHCP	Auxiliary Hybrid Control Processor	CAN-C	68498791AR			68498791AR

[redacted]

ABSO	Anti Lock Brakes OBD	CAN-C	68395967AN	[redacted]	68395967AN
SGW	Security Gateway Module	CAN-C	68488416AB		68488416AB
DPDM	Driver Presence Detection Module	CAN-C	68403129AA		68403129AA
IDCM	Integrated Dual Charge Module	CAN-C	05185035AP		05185035AP

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
TCM	USA / USA	13 05 0E	15 19 00	4700	[redacted]	5F972480
PCM	USA	1D 47	21 21 00	4928		13C074B5
ICS	USA	10 1E 00	14 33 00	4802		
RFH	USA / USA	10 31 00	14 30 00	4604		
ESM	USA	13 0C 00	12 2A 00	4322		
DTCM	USA	11 22 00	15 0A 01	4501		
ORC	USA	14 0B 00	14 12 01	4501		
EPS	USA	10 13 00	14 31 DC	4005		
HVAC	USA	13 20 00	14 18 01	4420		
CSWM	USA	10 2B 00	14 08 00	4202		
AMP	USA	21 01 01	15 16 00	4034		
IPC	USA	17 17 01	15 25 01	4805		
SCCM	USA	13 28 00	13 29 00	4301		
BCM	USA	0D 11 00	15 1E 50	4625		
RADIO	USA	15 0E 14	15 0E 14	8205		
OCM	USA	11 31 01	11 07 04	4060		
BPCM	Rest of world / ROW	13 0C 04	15 06 43	5701		C3870F1B
HCP	USA	15 0C 04	15 11 63	5403		C7B99A11 D209CE73 A6B8D890
AHCP	USA	15 0C 04	14 33 01	5600		
ABSO	USA	15 16 00	15 19 02	4300		83C08F22
SGW		5	955	4103		
DPDM	USA	11 31 01	11 0F 04	4510		
IDCM	USA	15 0E 00	15 1B 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	

[redacted]

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	
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	True	
Adaptive Cruise Control Equipped	False	
A/C Equipped	True	
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	True	
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	True	
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	

[redacted]

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	—	

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 - RPM Out of Range	
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

[redacted]

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	
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	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	miles
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	

[redacted]

Vehicle Config CSM1	2	
Vehicle Config CSM2	2	
Model Year	2021	
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	99	MPH
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 Sahara	
Max Load Inflation Pressure Rear Tire	36.0	PSI
Max Load Inflation Pressure Front Tire	36.0	PSI
Light Load Inflation Pressure Rear Tire	0.0	PSI
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	17	gallons
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 88	
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)	97	inch
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	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	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	Set	
LED Stop Lamps Present	Set	
LED Rear Turn Lamps Present	Set	
LED Tail Lamps Present	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	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
Signature Lamps or Mirror Repeater Present - Pin A5 & Pin A7	Signature Lamp	
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	Set	
Right Rear Turn Lamp Diagnostics Present - Pin F31	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	Feature Disabled / DISABLED	
DTV Present	Not Set	
Tri-State Comfort Climate Softkey Function Present	Set	

[redacted]

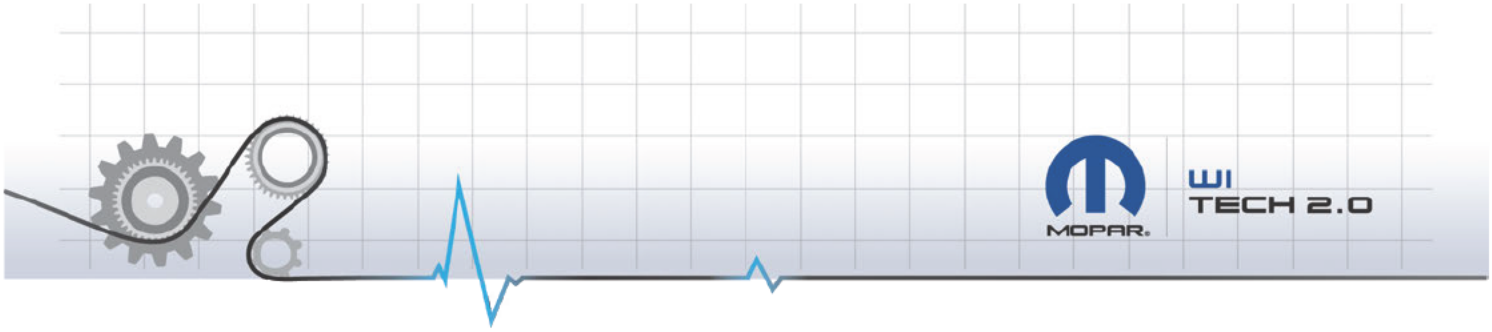
RADIO CONFIGURATION

NAME	VALUE	UNITS
Satellite Subscription ID	1PC6XDR9	
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	
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	B6	
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 88	
Axle Ratio	3.726	No Unit
Tire Circumference	97	inch

[redacted]



VEHICLE SCAN REPORT

Vehicle 2021 JEEP WRANGLER(PHEV) 2.0L I4 DOHC DI TURBO PHEV ENGINE
VIN [redacted]

Odometer 15957.2 miles
Publication Date Jun 2, 2023, 9:12:14 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C	68478030AN	[redacted]		68478030AN
PCM	Powertrain Control Module	CAN-C	68477593AM			68477593AM
ICS	Integrated Center Stack	CAN-I	6SX95DX9AE			6SX95DX9AE
RFH	Radio Frequency Hub	CAN-C	56029925AA			56029925AA
ESM	Electronic Shifter	CAN-C	04670716AC			04670716AC
DTCM	Drive Train Control Module	CAN-C	68547688AB			68547688AB
ORC	Occupant Restraint	CAN-C	68526670AB			68526670AB
EPS	Electric Power Steering	CAN-C	68529427AC			68529427AC
HVAC	Heat, Ventilation and A/C	CAN-I	68496562AC			68496562AC
CSWM	Comfort Seat Wheel Module	CAN-I	68510873AA			68510873AA
AMP	Amplifier	CAN-I	68549084AB			68549084AB
IPC	Instrument Panel Cluster	CAN-C	68499481AI			68499481AI
SCCM	Steering Column Control Module	CAN-C	68526258AA			68526258AA
BCM	Body Controller	CAN-C	68496169AF			68496168AF
RADIO	Radio	CAN-I	68472587AI			68472587AI
OCM	Occupant Classification	CAN-C	68403128AA			68403128AA
BPCM	Battery Pack Control Module	CAN-C	05193168AG			05193168AG
HCP	Hybrid Control Processor	CAN-C	68451035AR			68451035AR
AHCP	Auxiliary Hybrid Control Processor	CAN-C	68498791AR			68498791AR

[redacted]

ABSO	Anti Lock Brakes OBD	CAN-C	68395967AN	[redacted]	68395967AN
SGW	Security Gateway Module	CAN-C	68488416AB		68488416AB
DPDM	Driver Presence Detection Module	CAN-C	68403129AA		68403129AA
IDCM	Integrated Dual Charge Module	CAN-C	05185035AP		05185035AP

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
TCM	USA / USA	13 05 0E	15 19 00	4700	[redacted]	5F972480
PCM	USA	1D 47	21 21 00	4928		13C074B5
ICS	USA	10 1E 00	14 33 00	4802		
RFH	USA / USA	10 31 00	14 30 00	4604		
ESM	USA	13 0C 00	12 2A 00	4322		
DTCM	USA	11 22 00	15 0A 01	4501		
ORC	USA	14 0B 00	14 12 01	4501		
EPS	USA	10 13 00	14 31 DC	4005		
HVAC	USA	13 20 00	14 18 01	4420		
CSWM	USA	10 2B 00	14 08 00	4202		
AMP	USA	21 01 01	15 16 00	4034		
IPC	USA	17 17 01	15 25 01	4805		
SCCM	USA	13 28 00	13 29 00	4301		
BCM	USA	0D 11 00	15 1E 50	4625		
RADIO	USA	15 0E 14	15 0E 14	8205		
OCM	USA	11 31 01	11 07 04	4060		
BPCM	Rest of world / ROW	13 0C 04	15 06 43	5701		C3870F1B
HCP	USA	15 0C 04	15 11 63	5403		C7B99A11 D209CE73 A6B8D890
AHCP	USA	15 0C 04	14 33 01	5600		
ABSO	USA	15 16 00	15 19 02	4300		83C08F22
SGW		5	955	4103		
DPDM	USA	11 31 01	11 0F 04	4510		
IDCM	USA	15 0E 00	15 1B 00	4000		

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
TCM	P2884-00	Engine Disconnect Clutch Stuck Open-	Stored
TCM	P1B13-00	Park-By-Wire - Unintended Out of Park Position-	Stored
TCM	U1401-00	Implausible Engine Speed Signal Received-	Stored
PCM	P3032	Barometric Pressure Sensor Performance Plausibility	Stored
PCM	P0106	Manifold Absolute Pressure Sensor Performance	Stored
PCM	P0197	Engine Oil Temperature Sensor Circuit Low	Stored
PCM	P0117	Engine Coolant Temperature Sensor Circuit Low	Stored

[redacted]

PCM	P0172	Fuel System 1/1 Rich	Pending
PCM	P0520	Engine Oil Pressure Sensor Circuit	Pending
PCM	P0339	Crankshaft Position Sensor Intermittent	Pending
PCM	P0340	Camshaft Position Sensor Circuit - Bank 1 Sensor 1	Pending
PCM	P0365	Camshaft Position Sensor Circuit - Bank 1 Sensor 2	Pending
PCM	P0607	ECU Internal Performance	Pending
PCM	P253F	Engine Oil Deteriorated	Pending
DTCM	U0401-00	Implausible Data Received From ECM/PCM "A"-	Stored
HVAC	U0422-00	Implausible Data Received From Body Control Module-	Stored
AMP	U0422-00	Implausible Data Received From Body Control Module-	Stored
AMP	B154F-00	Lost Crankshaft Pulse Signal-	Active
RADIO	B1577-13		Stored
RADIO	U0002-00	CAN C Bus Off Performance-	Active
HCP	P1C64-00	Hybrid Perf - Engine Speed Below Target During Autostart-	Active
HCP	P1C65-00	Hybrid Perf - Engine Speed Target Not Achieved During Autostart-	Active
ABSO	U0401-00	Implausible Data Received From ECM/PCM "A"-	Stored
ABSO	C121C-00	Torque Request Signal Denied-	Active

ENVIRONMENTAL DATA SUMMARY

TCM | P2884-00 | Stored | Engine Disconnect Clutch Stuck Open-

NAME	VALUE	UNITS
DTC	28 84 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	True	
Warning Indicator Requested	True	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	12726	miles
Most Recent Odometer Value	12726	miles
Frequency Counter	25	
Ignition Cycle Counter	0	

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	13248	miles
Most Recent Odometer Value	13086	miles
Frequency Counter	3	
Ignition Cycle Counter	0	

TCM | U1401-00 | Stored | Implausible Engine Speed Signal Received-

NAME	VALUE	UNITS
DTC	D4 01 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	13465	miles
Most Recent Odometer Value	13465	miles
Frequency Counter	1	
Ignition Cycle Counter	0	

PCM | P3032 | Stored | Barometric Pressure Sensor Performance Plausibility

NAME	VALUE	UNITS
Number of DTC	1	
DTC	30 32	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Odometer	15740.1	miles
Accumulation Timer	2	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	1	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | P0106 | Stored | Manifold Absolute Pressure Sensor Performance

NAME	VALUE	UNITS
Number of DTC	1	
DTC	01 06	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Odometer	15740.1	miles
Accumulation Timer	19	minutes
Ignition Key Cycles	2	
Starts Since Set Counter	1	
Key Cycles Since DTC Last Set Counter	3	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | P0197 | Stored | Engine Oil Temperature Sensor Circuit Low

NAME	VALUE	UNITS
Number of DTC	1	
DTC	01 97	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Odometer	15740.1	miles
Accumulation Timer	0	minutes
Ignition Key Cycles	33	
Starts Since Set Counter	22	
Key Cycles Since DTC Last Set Counter	34	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | P0117 | Stored | Engine Coolant Temperature Sensor Circuit Low

NAME	VALUE	UNITS
Number of DTC	1	
DTC	01 17	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Odometer	15740.1	miles
Accumulation Timer	0	minutes
Ignition Key Cycles	33	
Starts Since Set Counter	23	
Key Cycles Since DTC Last Set Counter	34	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | P0172 | Pending | Fuel System 1/1 Rich

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

PCM | P0520 | Pending | Engine Oil Pressure Sensor Circuit

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

PCM | P0339 | Pending | Crankshaft Position Sensor Intermittent

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

PCM | P0340 | Pending | Camshaft Position Sensor Circuit - Bank 1 Sensor 1

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

PCM | P0365 | Pending | Camshaft Position Sensor Circuit - Bank 1 Sensor 2

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

PCM | P0607 | Pending | ECU Internal Performance

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

PCM | P253F | Pending | Engine Oil Deteriorated

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

DTCM | U0401-00 | Stored | Implausible Data Received From ECM/PCM "A"-

NAME	VALUE	UNITS
DTC	C4 01 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	15937	miles
Most Recent Odometer Value	15937	miles
Frequency Counter	1	
Ignition Cycle Counter	29	
System Battery Voltage	14.1	Volts
Module Battery Voltage	13.9	Volts
Transfercase motor position sensor supply voltage	4.980	Volts
Transfercase Motor Current	0.00	Amps
Transfercase Position Sensor	3.51	Volts
DTCM Temperature	97	°F
Transfercase Motor Duty Cycle	0.0	%
Transfercase Motor Direction State	Electrical Braking	
Front Axle Locker Sensor Feedback	Disengaged	
Rear Axle Locker Sensor Feedback	Disengaged	
Front Axle Locker Low side Driver	Disengaged	
Rear Axle Locker Low side Driver	Disengaged	

FAD Supply Power Voltage	14.1	Volts
FAD Feedback Status	Disengaged	
FAD Feedback Voltage	6.0	Volts
FAD Lock request	Disengaged	
Transfercase Mode Switch	4 HI Auto	
Time Since Last Ignition On	7	minutes
Vehicle Speed	23.29	MPH
Left Front Wheel Speed	252.0	rpm
Right Front Wheel Speed	253.0	rpm
Left Rear Wheel Speed	253.0	rpm
Right Rear Wheel Speed	254.0	rpm
Brake Pedal	Brake Not Operated	
ESP Requested Center (Transfercase) Differential State	DTCM Control (Free)	
ESP Requested Center Differential Torque	0	Ft-Lbs
Steering Wheel Angle	2.5	degrees
Delta Steering Wheel Angle	-2.0	degrees
Ambient Air Temperature	62.6	°F
PRNDL Display	"D" (Drive)	
Transmission Current Gear	D3	
Throttle Pedal Position	26.8	%
Static Engine/Electric Motor Torque	97.16	Ft-Lbs
Engine RPM	SNA	rpm
Actual Mode of Transfercase Clutch	SNA	
Actual Transfercase Clutch Lock Torque	0	Ft-Lbs
Desired Transfercase Clutch Lock Torque	0	Ft-Lbs
T-Case Motor Incremental Position Sensor (IPS)	0.906	degrees
T-Case Clutch Wear IPS Position	6.672	degrees
DTCM Internal DTC Reason	No Error	
Transfer Case Shift Inhibited	No	
Transfercase Status	2WD	
Axle Locker Status (Bus)	SNA	
Clutch Calibration Not Learned reason	04	
Electric Motor RPM	1991	rpm
T-Case Clutch Wear Position (Initial)		degrees

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

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

Warning Indicator Requested	False	
Occurrence flag	Error	
Original Odometer Value	15937	miles
Most Recent Odometer Value	15937	miles
Frequency Counter	1	
Ignition Cycle Counter	19	

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

NAME	VALUE	UNITS
DTC	C4 22 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	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	FF	
Occurrence flag	Error	
Original Odometer Value	15957	miles
Most Recent Odometer Value	15957	miles
Frequency Counter	1	
Ignition Cycle Counter	12	

AMP | B154F-00 | Active | Lost Crankshaft Pulse Signal-

NAME	VALUE	UNITS
DTC	95 4F 00	
Test Failed	True	
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	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Occurrence flag	Error	
Original Odometer Value	15947	miles
Most Recent Odometer Value	15947	miles
Frequency Counter	1	
Ignition Cycle Counter	0	

No Environmental Data available for B1577-13

RADIO | U0002-00 | Active | CAN C Bus Off Performance-

NAME	VALUE	UNITS
DTCTable	C0 02 00	
TestFailed	True	
TestFailedThisMonitoringCycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	FF	
Occurance Flag	Occurrence	
Reserved	Reserved	
Original Odometer Value	9097	miles
Most Recent Odometer Value	15957	miles
Frequency Counter	5	
Ignition Counter	0	
RDI $6080	60 80	
Event Counter	64	

HCP | P1C64-00 | Active | Hybrid Perf - Engine Speed Below Target During Autostart-

NAME	VALUE	UNITS
DTC	1C 64 00	
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Microcontroller reset reason - Core 0		
Microcontroller reset reason - Core 1		
Real time clock		sec
RAM stamps keyOn		sec
RAM Stamps		Min
Accelerator Pedal Position		%
Barometric Pressure		PSI
Engine Coolant Temperature		°F

Engine Speed		rpm
Vehicle Speed		MPH
HV Battery SOC		%
Brake Switch Status		
Battery Feed Voltage 1 Sense		Volts
Battery Feed Voltage 2 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Hybrid System State		
Actual Torque - Motor A		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase C		AMP
Motor A Resolver Angle		Degree
Motor B Resolver Angle		Degree
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Outside Air Temperature		°F
Ignition State		
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
Propulsion System Active		
HV Contactor Status		
HV Battery Voltage from BPCM		Volts
Electric Motor A Speed		rpm
Electric Motor B Speed		rpm
PIM DC Link Voltage - A		Volts
PIM DC Link Voltage - B		Volts
Inverter A IGBT Temperature for phase A		°F
Inverter A IGBT Temperature for phase B		°F
Inverter A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase A		°F

Inverter B IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase C		°F
APM Status		
Impact Event		
PRND Position Display		
HCP System Shutdown Command		
PHEV Charging Status		
Distance Travelled with Light ON		miles
OBCM Operating Mode		
J1772 Prox Detected State		
HV Battery Sleep Time		Days
SW Build Release Version		
HCP SW Version		
High Voltage bus voltage fault status		
HV Battery Voltage		Volts
HV Battery Voltage fault status		
APM HV Voltage		Volts
APM HV Voltage fault status		
ECH HV Voltage		Volts
ECH HV Voltage fault status		
EAC HV Voltage		Volts
EAC HV Voltage fault status		
HV Battery Contactor Status FA		
DAP Contactor Open		
Air PTC Heater HV Voltage		Volts
Air PTC Heater HV Voltage Fault Status		
DBK Heater HV Voltage		Volts
DBK Heater HV Voltage Fault Status		
High Voltage Interlock Status		
Engine WarmpUp Cycle Complete		
Charging System Status		
Charging Level		
High Voltage Contactor Control		
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
UTC Time - Seconds		seconds
ECU Time - Milliseconds		ms

HCP | P1C65-00 | Active | Hybrid Perf - Engine Speed Target Not Achieved During Autostart-

NAME	VALUE	UNITS
DTC	1C 65 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	
DTC Extended Data Record Number	01	
Occurrence flag	Occurrence	
Original Odometer Value	15957.2	miles
Most Recent Odometer Value	15957.2	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Microcontroller reset reason - Core 0	FFFF0003	
Microcontroller reset reason - Core 1	Power Up	
Real time clock	995334528	sec
RAM stamps keyOn	30	sec
RAM Stamps	41523	Min
Accelerator Pedal Position	0	%
Barometric Pressure	13	PSI
Engine Coolant Temperature	304	°F
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH
HV Battery SOC	13	%
Brake Switch Status	Applied	
Battery Feed Voltage 1 Sense	13.176	Volts
Battery Feed Voltage 2 Sense	13.176	Volts
Battery Feed Voltage 3 Sense	13.176	Volts
Internal EPS Voltage Sense A	8.928	Volts
Internal EPS Voltage Sense B	8.928	Volts
Hybrid System State	Propulsion System Active	
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	39.086	Ft-Lbs
Available Motor Torque - Motor B	180.586	Ft-Lbs
Available Regen Torque - Motor A	-39.086	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP

Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor A Resolver Angle	210	Degree
Motor B Resolver Angle	Not Programmed	Degree
Motor A Temp Sensor	169	°F
Motor B Temp Sensor	217	°F
Outside Air Temperature	62.6	°F
Ignition State	Reserved	
HCP ePT Wake-Up Output	Off	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
Propulsion System Active	True	
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	333.10	Volts
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	333	Volts
PIM DC Link Voltage - B	333	Volts
Inverter A IGBT Temperature for phase A	102	°F
Inverter A IGBT Temperature for phase B	106	°F
Inverter A IGBT Temperature for phase C	106	°F
Inverter B IGBT Temperature for phase A	99	°F
Inverter B IGBT Temperature for phase B	100	°F
Inverter B IGBT Temperature for phase C	102	°F
APM Status	Buck CV	
Impact Event	False	
PRND Position Display	P	
HCP System Shutdown Command	Default	
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
SW Build Release Version	PIM_20B_2102B1_P1P2_HCP_	
HCP SW Version	20B	
High Voltage bus voltage fault status	No fault	
HV Battery Voltage	332	Volts
HV Battery Voltage fault status	No fault	
APM HV Voltage	333	Volts
APM HV Voltage fault status	No fault	
ECH HV Voltage	335	Volts
ECH HV Voltage fault status	No fault	
EAC HV Voltage	328	Volts
EAC HV Voltage fault status	No fault	

HV Battery Contactor Status FA	No fault	
DAP Contactor Open	Do Not Open	
Air PTC Heater HV Voltage	0	Volts
Air PTC Heater HV Voltage Fault Status	No fault	
DBK Heater HV Voltage	333	Volts
DBK Heater HV Voltage Fault Status	No fault	
High Voltage Interlock Status	Interlock Passed	
Engine WarmpUp Cycle Complete	Not Completed	
Charging System Status	Not Charging	
Charging Level	Default	
High Voltage Contactor Control	Closed	
GPS Date - Year	59143	Year
GPS Date - Month	5	
GPS Date - Day	29	Days
UTC Time - Hours	19	Hours
UTC Time - Minutes	28	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	473	ms

ABSO | U0401-00 | Stored | Implausible Data Received From ECM/PCM "A"-

NAME	VALUE	UNITS
DTC	C4 01 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Error	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	15957	miles
Most Recent Odometer Value	15957	miles
Frequency Counter	3	
Ignition Cycle Counter	14	
Fault Time	5.40	S
Current System Mode	Engine Running	
Previous System Mode	Engine Running	
Wheel Speed Left Front	0.000	MPH
Rotation Direction Left Front	Invalid	
Wheel Speed Right Front	0.000	MPH

Rotation Direction Right Front	Invalid	
Wheel Speed Left Rear	0.000	MPH
Rotation Direction Left Rear	Invalid	
Wheel Speed Right Rear	0.000	MPH
Rotation Direction Right Rear	Invalid	
Steering Wheel Angle	-392.40	°
Longitudinal Acceleration	0.03	m/s^2
Yaw Rate	0.61	°/s
Supplier Internal Code	13151	

ABSO | C121C-00 | Active | Torque Request Signal Denied-

NAME	VALUE	UNITS
DTC	52 1C 00	
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	True	
Occurrence flag	Error	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	15957	miles
Most Recent Odometer Value	15957	miles
Frequency Counter	2	
Ignition Cycle Counter	0	
Fault Time	5.00	S
Current System Mode	Ignition Run	
Previous System Mode	Engine Running	
Wheel Speed Left Front	0.000	MPH
Rotation Direction Left Front	Invalid	
Wheel Speed Right Front	0.000	MPH
Rotation Direction Right Front	Invalid	
Wheel Speed Left Rear	0.000	MPH
Rotation Direction Left Rear	Invalid	
Wheel Speed Right Rear	0.000	MPH
Rotation Direction Right Rear	Invalid	
Steering Wheel Angle	-17.00	°
Longitudinal Acceleration	-0.43	m/s^2
Yaw Rate	0.49	°/s
Supplier Internal Code	13232	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P2884-00

No Snapshot Data available for P1B13-00

No Snapshot Data available for U1401-00

No Snapshot Data available for P3032

No Snapshot Data available for P0106

No Snapshot Data available for P0197

No Snapshot Data available for P0117

No Snapshot Data available for P0172

No Snapshot Data available for P0520

No Snapshot Data available for P0339

No Snapshot Data available for P0340

No Snapshot Data available for P0365

No Snapshot Data available for P0607

No Snapshot Data available for P253F

No Snapshot Data available for U0401-00

No Snapshot Data available for U0422-00

No Snapshot Data available for U0422-00

No Snapshot Data available for B154F-00

No Snapshot Data available for B1577-13

No Snapshot Data available for U0002-00

No Snapshot Data available for P1C64-00

No Snapshot Data available for P1C65-00

No Snapshot Data available for U0401-00

No Snapshot Data available for C121C-00