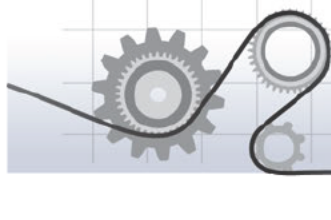


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CONFIGURATION REPORT

Vehicle 2021 JEEP WRANGLER 3.6L V6 24V VVT ETORQUE ENGINE UPG I
VIN [REDACTED]

Odometer 11124.5 miles
Publication Date Sep 7, 2021, 3:44:09 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C	68501410AC	[REDACTED]	[REDACTED]	68501410AC
PCM	Powertrain Control Module	CAN-C	68501606AC	[REDACTED]	[REDACTED]	68501606AC
ICS	Integrated Center Stack	CAN-I	6SX70DX9AA	[REDACTED]	[REDACTED]	6SX70DX9AA
TPM	Tire Pressure Monitor	CAN-C	68411061AE	[REDACTED]	[REDACTED]	68411061AE
RFH	Radio Frequency Hub	CAN-C	68449370AB	[REDACTED]	[REDACTED]	68449370AB
ABS	Anti Lock Brakes	CAN-C	68487195AB	[REDACTED]	[REDACTED]	68487195AB
ESM	Electronic Shifter	CAN-C	04670713AB	[REDACTED]	[REDACTED]	04670713AB
DTCM	Drive Train Control Module	CAN-C	68483373AB	[REDACTED]	[REDACTED]	68483373AB
ORC	Occupant Restraint	CAN-C	68437718AB	[REDACTED]	[REDACTED]	68437718AB
EPS	Electric Power Steering	CAN-C	68529416AA	[REDACTED]	[REDACTED]	68529416AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493382AB	[REDACTED]	[REDACTED]	68493382AB
CSWM	Comfort Seat Wheel Module	CAN-I	68510873AA	[REDACTED]	[REDACTED]	68510873AA
PTCM	Power Top Control Module	CAN-I	68371772AB	[REDACTED]	[REDACTED]	68371772AB
AMP	Amplifier	CAN-I	68471119AA	[REDACTED]	[REDACTED] MW521726	68471119AA
IPC	Instrument Panel Cluster	CAN-C	68492412AB	[REDACTED]	[REDACTED]	68492412AB
PTS	Parktronics	CAN-C	68441031AC	[REDACTED]	[REDACTED]	68441031AC
SCCM	Steering Column Control Module	CAN-C	68491576AB	[REDACTED]	[REDACTED]	68491576AB
BCM	Body Controller	CAN-C	68496169AC	[REDACTED]	[REDACTED]	68496167AC
RADIO	Radio	CAN-I	68472587AI	[REDACTED]	[REDACTED]	68472587AI

OCM	Occupant Classification	CAN-C	68403128AA			68403128AA
LBSS	Left Blind Spot Sensor	CAN-I	68454896AA			68454896AA
RBSS	Right Blind Spot Sensor	CAN-I	68454896AA			68454896AA
BPCM	Battery Pack Control Module	CAN-C	05057870AT			05057870AT
HCP	Hybrid Control Processor	CAN-C	68521305AA			68521305AA
SGW	Security Gateway Module	CAN-C	68488416AB		1	68488416AB
DPDM	Driver Presence Detection Module	CAN-C	68403129AA			68403129AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
TCM	USA / USA	63 35 FF	63 35 FF	4564	
PCM	USA	1B 47	90 04 01	441D	
ICS	USA	10 1E 00	11 31 00	4802	
TPM	USA	0E 23 00	13 09 05	4110	
RFH	USA / USA	10 31 00	14 06 00	4603	
ABS	USA	12 0A 71	14 05 70	4010	
ESM	USA	13 0C 00	12 15 00	4322	
DTCM	USA	11 22 00	14 0C 01	4501	
ORC	USA	12 05 00	13 04 01	4501	
EPS	USA	10 13 00	14 1C DB	4005	
HVAC	USA	13 20 00	13 32 01	4420	
CSWM	USA	10 2B 00	14 08 00	4202	
PTCM	USA	11 1A 21	12 12 60	4101	
AMP	USA	18 2E 00	13 08 00	4030	
IPC	USA	17 17 01	14 04 04	4805	
PTS	USA	10 32 01	13 24 03	4401	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 13 50	4625	
RADIO	USA	15 12 14	15 12 14	8205	
OCM	USA	11 31 01	11 07 04	4060	
LBSS	USA	11 23 01	12 25 00	4204	
RBSS	USA	11 23 01	12 25 00	4204	
BPCM	Not Programmed	14 1B 00	12 30 03	4203	
HCP	USA	14 1D 00	14 0A 01	4110	
SGW		5	955	4103	
DPDM	USA	11 31 01	11 0F 04	4510	

CONFIGURATION

TCM CONFIGURATION

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

PCM CONFIGURATION

NAME	VALUE	UNITS
Secondary Mass Airflow Sensor Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Electronic Parking Brake Equipped	False	
Active Exhaust Valve(s) Equipped	False	
Mechanical Coolant Pump Equipped	False	
High Side Port Tumble Valve Equipped	False	
Heater Temp Control Valve Equipped	False	
Wastegate HBridge Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Engine Oil Pressure Sensor Type	255	None
CNG Large Gas Tank Equipped	False	
HPT 6-Speed Trans Equipped	False	
A/C Relay Powered from Engine Switched Battery	False	
Cooled EGR Equipped	True	
ZF 9-Speed Trans Equipped	False	
Dual Alternator Gen1 Capable	False	
Dual Fuel Tank Equipped	False	
Supercharger Equipped	False	
Hybrid MEC Shifter Equipped	False	
Auxillary Coolant Pump Equipped	False	
Low Temp Radiator Coolant Pump Equipped	True	
Engine Idle Shutoff Equipped	False	

PTO System Equipped	False	
5 Button Cruise (LIN) Equipped	True	
Dual Fuel Pressure Sensor Equipped	False	
Power Steering Angle Sensor Mandatory	False	
INTAKE O2 SENSOR EQUIPPED	False	
Clutch Sensor Equipped	False	
Bi-Directional Crank Sensor Equipped	True	
CUSW 4-Button Cruise Equipped	False	
Brake Pedal Sensor Equipped	True	
Mass Airflow System Equipped	False	
Cylinder Pressure Sensor Equipped	False	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Make Up Air Sensor Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
Operator Idle Speed Request Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
Coolant On-Off Valve Equipped	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
Barometric Sensor Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
Electric Coolant Valve Equipped	False	
42RLE	False	
CUSW (11-Bit) Equipped	False	
Inrush Current Reduction Relay Equipped	True	
Electric Thermostat Heater Equipped	False	
4 Button Integrated Cruise Control	False	
Dual Speed Fuel Pump Equipped	False	
Transmission Software Included	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
Operator Idle Speed Request Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	False	
Next Gen Bus Equipped	False	
ICC Cruise Equipped	False	
Hybrid Electric Vehicle Equipped	False	
Viscosity Sensor Equipped	False	
62TE	False	
EMAT (Getrag DCT transmission) Equipped	False	
Cooled EGR Equipped	True	
2.7 Liter V6 Engine	False	
HPT 6-Speed Transmission Equipped	False	
GPEC3 Equipped	False	
Linear Purge Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
Active Engine Mount Equipped	False	

Exhaust Cam 2 Equipped	True	
40TE / 41TE / 41TEA	False	
Vehicle Speed Sensor #1 Calculated from CAN	False	
WI4 Variable Valve Timing Equipped	True	
Constant Heater Temperature Control Valve Equipped	False	
ESIM Equipped	True	
VLP Is Learnable Indicator	False	
Trans Reverse Lockout Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
Primary Lin Alternator Equipped	False	
Auxiliary Coolant Pump Equipped	False	
ETC Cruise equipped	False	
6.2 Liter V8 Engine	False	
Electronic Coolant Pump Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	False	
2 Speed Fan Mechanical Relay System Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Dual Fuel Tank Equipped	False	
Cummins Equipped	False	
AC Equipped	False	
CUSW (29-Bit) Equipped	False	
Engine Idle Shutoff Equipped	False	
Active Grille Shutter Equipped	False	
Intake Cam 1 Equipped	True	
Knock Sensor 1 Equipped	True	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
GPEC4 Equipped	False	
Engine Oil Heater Cooler Equipped	True	
4.0 Liter I6 Engine	False	
Electronic Vacuum Pump Equipped	True	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
Mechanical Coolant Pump Heater Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Port Flap Valve Equipped	False	
6.1 Liter V8 Engine	False	
Electronic Automatic Transmission (EATX) Equipped	False	
Sensorless FFV Enabled	False	
Secondary Fuel Pump Equipped	False	
VMM Equipped	False	
Turbocharger Equipped	False	
Electronic Throttle Control Equipped	True	
Transmission Oil Heater Equipped	False	
Oil Pressure Sensor Enabled	True	
2.0 Liter WI4 engine	False	

Supercharger Equipped	False	
Tumble Generator Valve Equipped	False	
TIP Equipped	False	
MTV Solenoid Equipped	False	
Brake Pedal Sensor Equipped	True	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
GPEC2A Equipped	True	
Variable Displacement AC Equipped	False	
Starter Relay 2 Equipped	True	
VLP Equipped Indicator	False	
3.6 Liter V6 Engine	True	
Low Temperature Radiator Coolant Pump Equipped	True	
Power Steering Switch Equipped	False	
1.8 Liter I4 engine	False	
Police Package Equipped	False	
3.8 Liter V6 Engine	False	
Engine Software In Package	True	
ZF 9-Speed Transmission Equipped	False	
6.4 Liter V8 Engine	False	
1.0 Liter I3 Engine	False	
Auxiliary Heater Electric Water Pump Equipped	False	
4.7 Liter V8 Engine	False	
Battery Temp Sensor Equipped	False	
Continuous Variable Transmission Equipped	False	
3.5 Liter V6 Engine	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
Clutch Interlock Switch Equipped	False	
Fixed displacement AC Equipped	True	
Compressed Natural Gas Equipped	False	
AC Equipped Over Bus	False	
Exhaust Cam 1 Equipped	True	
3.2 Liter V6 Engine	False	
Engine Stop Start Equipped	False	
ERS Equipped Indicator	False	
Dual Stage Oil Pump Equipped	True	
66RFE / 68RFE	False	
VFS Actuators Available Indicator	False	
Adaptive Cruise Control Hardware Equipped	False	
Duty Cycle Purge Valve Equipped	True	
45RFE / 545RFE / 65RFE	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
4 Speed Automatic Transmission Equipped	False	
SRV Equipped	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	

Fiat VIN Learning Strategy Equipped	False	
Linear EGR Equipped	False	
Shift Indicator Lamp Equipped	False	
2 Speed Fan PWM Relay System Equipped	False	
PWM Fan Motor System Equipped	False	
Fan Wake Up Relay System Equipped	False	
Variable Speed Fuel Pump Equipped	True	
GPEC2 Equipped	False	
Turbine Volute Valve Actuator Equipped	Undefined	
CUSW PROXI Write Programming Support Enabled	False	
2.4 Liter I4 engine	False	
Knock Sensor 2 Equipped	True	
Rear Heater Equipped	False	
Adaptive Cruise Control Equipped	False	
Direct Injection Equipped	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
Intake Cam 2 Equipped	True	
CMCV H-Bridge Equipped	Undefined	
Active Exhaust Valve Equipped	False	
Unleaded Gasoline Fuel	True	
Aisin 6-Speed RWD Transmission Equipped	False	
Fiat 940 Compact Equipped	False	
Trans Skip Shift Equipped	False	
3.0 Liter V6 Engine	False	
5.7 Liter V8 Engine	False	
MultiAir Equipped	False	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Yaw Rate Sensor ESC Equipped	True	
Secondary Air Equipped	False	
Electric Water Pump Equipped	False	
PTO System Equipped	False	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
3.7 Liter V6 Engine	False	
3 Speed Fan Mechanical Relay System Equipped	False	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
Powernet Equipped	False	
Wide Range O2 Sensor 2/1 Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
Brushless PWM Fan Equipped	FAN_PWM_BOSCH_BRUSHLESS_CNFG	
Coolant On-Off Pump Equipped	False	
1 Speed Fan Mechanical Relay System Equipped	False	
3.3 Liter V6 Engine	False	
MDS Equipped	False	

Wastegate H-Bridge Equipped	Undefined
A/C Equipped	True
Linear PWM Fan Relay System Equipped	True
Unleaded diesel fuel	False
WI4 Intake Flow Control Valve Equipped	False
1.0 Liter I3 Engine	False
2.0 Liter I4 Direct Injection Engine	False
Variable Valve Lift Equipped	Equipped
Primary Lin Alternator Equipped	Not Equipped
Coolant On-Off Pump Equipped	Not Equipped
Remote Start Present	Present

ICS CONFIGURATION

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

TPM CONFIGURATION

NAME	VALUE	UNITS
RSSI Margin 4 Wheel Constant B	35	No Unit
RSSI Margin 4 Wheel Constant C	140	No Unit
RSSI Margin 4 Wheel Constant D	80	No Unit
RSSI Margin 4 Wheel Constant A	15	No Unit
RSSI Margin Constant Override Setting	Override False	
High Gain Mode Setting	RF Gain Mode 1 - Highest Gain Mode	
WAL Gain Mode Setting	RF Gain Mode 3	
Gain Mode Override Status	Override False	
Premium TPM Present	Yes	
Base TPM Present	No	
Run Flat Tire Present	No	
SRT Vehicle Present	No	
TPM Legislation	FMVSS-138 (Warning Enable Always)	
Current Gain Mode	RF Gain Mode 3	
BUX Deactivation Flag	Not Set	
TPM System Type	TPM Premium System	
4/5 Tire System	4 Tire System	

RFH CONFIGURATION

NAME	VALUE	UNITS
Back Up Vehicle Config 4	True	
Back Up ECU Configuration 6	True	
Back Up ECU Configuration 5	True	
Back Up ECU Configuration 8	True	

Back Up Vehicle Config 1	True	
Back Up ECU Configuration 4	True	
Back Up ECU Configuration 9	True	
Back Up Customer Settings Menu 2 (CSM2)	True	
Back Up Vehicle Config 7	True	
Back Up ECU Configuration 3	True	
Back Up Customer Settings Menu 1 (CSM1)	True	
Back Up ECU Configuration 13	True	
Back Up Programmed ECUs: P/T Chassis Network	True	
Back Up Vehicle Config 3	True	
Back Up ECU Configuration 1	True	
Back Up ECU Configuration 10	True	
Back Up ECU Configuration 15	True	
Back Up ECU Configuration 17	True	
Back Up ECU Configuration 7	True	
Back Up Programmed ECUs: Cabin Network	True	
Back Up Vehicle Config 6	True	
Back Up ECU Configuration 16	True	
Back Up Vehicle Config 5	True	
Back Up ECU Configuration 2	True	
Back Up ECU Configuration 14	True	
Back Up ECU Configuration 11	True	
Back Up Vehicle Config 2	True	
Back Up ECU Configuration 12	True	
Hardware Configuration: Remote Start Antenna	Not Present	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Trunk Door Handle H/W	Serial AP	
\$0214 Programmed by	Programmed by FCA manufacturing	
Module Configuration Status	True	
Auto Park Present	True	
Remote Start Present	True	
Secret Codes Programmed	True	
e-shifter present	True	
RKE	True	
Ignition system type connected	KIN system	
Keyless Go	True	
Passive Entry	True	
RFHub Locked	RFHUB Locked after IAC write	
Fob Location #2 Successfully Programmed	Yes	
Fob Location #8 Successfully Programmed	No	
VIN Successfully Programmed	Yes	

Fob Location #7 Successfully Programmed	No	
Valid Key In Ignition	Yes	
Secret Key Sent to Body Controller - Most recent attempt	Yes	
Fob Location #1 Successfully Programmed	Yes	
Fob Location #5 Successfully Programmed	No	
Fob Location #6 Successfully Programmed	No	
PIN Successfully Programmed	Yes	
Secret Key Sent to Body Controller - Original attempt	Yes	
Fob Location #4 Successfully Programmed	No	
Fob Location #3 Successfully Programmed	No	

ABS CONFIGURATION

NAME	VALUE	UNITS
FTR PIN	False	
CAN BLS	False	
ESC	True	
Brake Pedal Sensor	True	
3 Channel System	False	
Long Accel	True	
Evac and Fill	False	
Pro Active	False	
Conti	True	
HSA	True	
HBC	True	
HW BRK	False	
No Drive Test	True	
PN-2011	True	
ACC	False	

DTCM CONFIGURATION

NAME	VALUE	UNITS
Rear Locker Present	False	
FAD Present	True	
Mode Switch Present	False	
Full-Time T-Case	False	
Front Locker Present	False	
SRT Present	—	
T-Case Type	241 MTP 1222C	
Left/Right Hand Drive	Left Hand Drive	
Axle Ratio	3.730	

ORC CONFIGURATION

NAME	VALUE	UNITS
Right Curtain Squib 1	Not Configured	

Driver Seatbelt Retractor Pretensioner	Configured	
Passenger Seatbelt Anchor Pretensioner	Configured	
Driver Frontal Squib 2	Configured	
Left B-Pillar Impact Acceleration Sensor	Configured	
Right Side Door Pressure Sensor	Not Configured	
First Row Driver Seatbelt Buckle Switch	Configured	
First Row Passenger Seatbelt Buckle Switch	Configured	
Right B-Pillar Impact Acceleration Sensor	Configured	
Passenger Seatbelt Load Limiter	Configured	
Driver Frontal Squib 1	Configured	
Configuration Column Identifier	A2	
Passenger Frontal Squib 3	Configured	
Second Row Left Seat Side Airbag	Not Configured	
Passenger Seat Track Position Sensor	Configured	
Right Up-Front Acceleration Sensor	Configured	
Second Row Center seat belt Switch	Not Configured	
Passenger Frontal Squib 2	Configured	
Passenger Frontal Squib 1	Configured	
EPPM	Not Configured	
Passenger Seatbelt Buckle Pretensioner	Not Configured	
Right Side Seat Squib 1	Configured	
Driver Seat Track Position Sensor	Configured	
Passenger Airbag Disable Indicator	Configured	
Driver Frontal Squib 4	Not Configured	
Left Curtain Squib 1	Not Configured	
Driver Seatbelt Anchor Pretensioner	Configured	
Passenger Seatbelt Retractor Pretensioner	Configured	
Second Row Right seat belt Switch	Not Configured	
Right C-Pillar Impact Acceleration Sensor	Not Configured	
Driver Frontal Squib 3	Configured	
Passenger Airbag Disable Switch	Not Configured	
Occupant Classification (OCM)	Configured	
Left Side Door Pressure Sensor	Not Configured	
Left D-Pillar Impact Acceleration Sensor	Not Configured	
Second Row Left seat belt Switch	Not Configured	
Driver Seatbelt Buckle Pretensioner	Not Configured	
Passenger Knee Bolster Squib	Not Configured	
Passenger Frontal Squib 4	Not Configured	
Right D-Pillar Impact Acceleration Sensor	Not Configured	
Left Up-Front Acceleration Sensor	Configured	
Driver Knee Bolster Squib	Not Configured	
Second Row Right Seat Side Airbag	Not Configured	
Rollover Sensing	Not Configured	
Passenger Occupant Detection Sensor	Not Configured	

Driver Seatbelt Load Limiter	Configured	
Left C-Pillar Impact Acceleration Sensor	Not Configured	
Left Side Seat Squib 1	Configured	

HVAC CONFIGURATION

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

AMP CONFIGURATION

NAME	VALUE	UNITS
Premuim - 3	False	
Non -ANC	True	
No HALF Chimes	False	
Premuim - 2	True	
Premuim - 1	False	
No Rear Doors	True	
Door Module - Right Front	Not Present	
Door Module - Left Front	Not Present	
Surround Sound Activated	Not Set	
Current ANC Calibration ID - Service	—	
ANC Status	—	

IPC CONFIGURATION

NAME	VALUE	UNITS
Main Fuel Tank Gauge - 3/4 Datum 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 - Empty Stop Calibration	0.000	Volts
Main Fuel Tank Gauge - Full Stop Calibration	0.000	Volts
Sub Fuel Tank Gauge - 1/2 Datum Calibration	0.000	Volts
Sub Fuel Tank Gauge - 1/4 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
Sub Fuel Tank Gauge - Empty Stop Calibration	0.000	Volts
PHEV	False	
Rear Fog Lamp	False	
JT Vehicle	False	
Low Line Cluster	False	

PTS CONFIGURATION

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

SCCM CONFIGURATION

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

BCM CONFIGURATION

NAME	VALUE	UNITS
Number of Reprogramming Attempts - Counter #0	0	
Last Programmed Status	Service	
Vehicle Configuration Programmed Status	True	
ECU Configuration 6 (Brake)	2	
Vehicle Configuration 4 - Write Counter	2	
Vehicle Configuration 3 - Write Counter	4	
ECU Configuration 3	2	
Vehicle Configuration 6 - Write Counter	2	
ECU Configuration 5 (Wireless)	2	
Programmed Network Configuration - Audio / Telematics Network	2	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	2	
ECU Configuration 10	2	
ECU Configuration 4	2	
ECU Configuration 2 (CBC Features)	2	
ECU Configuration 14	2	
ECU Configuration 15 (CBC Features)	2	
Last Configuration Odometer	11115	miles
ECU Configuration 5 (Memory)	2	
ECU Configuration 9 (ITM)	2	
ECU Configuration 5 (Doors)	2	
Vehicle Configuration Auto Write Counter	1	
ECU Configuration 12	2	
Vehicle Configuration 2 - Write Counter	2	
Programmed ECUs: P/T Chassis Network	2	
ECU Configuration 15 (Suspension)	2	
ECU Configuration 6 (Safety)	2	
ECU Configuration 9A	2	
Vehicle Config CSM1	2	
ECU Configuration 11	2	
Programmed ECUs: Cabin Network	2	

Vehicle Configuration 1 - Write Counter	2	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	2	
Programmed ECUs: Hybrid LAN Network	2	
ECU Configuration 8 (LIN and Miscellaneous)	3	
ECU Configuration 6 (Powertrain)	2	
Vehicle Configuration 7 - Write Counter	2	
Vehicle Configuration 5 - Write Counter	2	
ECU Configuration 6 (Suspension)	2	
ECU Configuration 13	2	
Vehicle Config CSM2	2	
Remote Start Present	Set	
Auto Highbeam	Not Set	
PTS Configuration	Rear / REAR	
Vehicle Line	JL	
Maximum Vehicle Speed	99	MPH
Select Speed Control Feature Present	Not Set	
Emode Present	Not Set	
Body Style	4-Door Hatchback	
Country Code	USA	
Model Year	2021	
Drive Configuration	Selectable 4wd	
Hill Descent Feature Present	Set	
Left/Right Hand Drive	Left Hand Drive	
Special Packages	Default	
Shifter Type	5 Pos Polystable Eshifter / Type PS5	
Performance Pages Present	Not Present	
Flipper Glass Present	Not Set	
Special Packages	Wrangler Sport	
Off Road Capable	Not Set	
Thatcham Present	Not Set	
Max Load Inflation Pressure Front Tire	36.0	PSI
Power Inverter Type	No Power Inverter	
Full Size Spare	Set	
Rain Sensor Present	Not Set	
Max Load Inflation Pressure Rear Tire	36.0	PSI
Light Load Inflation Pressure Rear Tire	0.0	PSI
Air Conditioning Present	Set	
SKIM System Present	Not Set	
Cruise Feature is Present	Set	
Power Lift Gate Present	Not Set	
T-Case Type	Transfer Case 241 / Transfer Case 241	
Vehicle is an SRT	Not Set	
HVAC Configuration	Dual Zone ATC	
Liftgate/Trunk Type	Manual Liftgate	

Window Express Feature Configuration	Drivers window express only	
Keyless Go Present	Set	
High Intensity Discharge Head Lamps	Not Set	
Door Alert Feature Present	Not Set	
Interior EC Mirror Present	Set	
ELV Present	Not Set	
Power Left Sliding Door Present	Not Set	
Sunshade Present	Not Set	
Premium TPM system present	Set	
Base TPM system present	Not Set	
Auto Headlamp Feature Present	Set	
Disable Display of Radio Clock	Not Set	
Two Fuel Sending Units Present	Not Set	
Wheel Base	Long wheel base (140" & 149" Ram Truck) / LONG	
Collision Mitigation System present	Not Set	
Passive Entry Present	Set	
Sport Mode Present	Not Set	
ESCL system present	Not Set	
Secondary Lock Present	Not Set	
Auto Park Present	Set	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Paddle Shift Feature Present	Not Set	
Fuel Capacity	21	gallons
RKE System Present	Set	
FOBIK Safe Enable	Set	
Power Right Sliding Door Present	Not Set	
Forward Collision Warning present	Not Set	
Police Lighting Feature	Not Set	
Display Compass Heading Present	Set	
Chassis Type	Type 35	
Vehicle Brand	Jeep	
Display Outside Temperature Present	Set	
Dynamic Tire Circumference (All or Rear)	97	inch
Transfer Case High Ratio	1.000	No Unit
Transfer Case Low Range Reduction Ratio	2.720	
Axle Ratio	3.730	
Dual Rear Wheel (DRW) Vehicle Present	Not Set	
Steering Ratio at Positive Angle 2	0.0	No Unit
Steering Ratio at Positive Angle 4	0.0	No Unit
Steering Ratio at zero	0.0	No Unit
Steering Ratio at Positive Angle 1	0.0	No Unit
Steering Ratio at Positive Angle 3	0.0	No Unit
Steering Ratio at Positive Angle 5	0.0	No Unit
Non-Regulated Tire Pressure Information System (TPIS) Present	Not Set	

Air Quality System Present	Not Set	
Analog Door Sensor Configuration	All Doors have Analog Sensors	
Steering Ratio at Negative Angle 1	0.0	No Unit
Steering Ratio at Negative Angle 4	0.0	No Unit
Steering Ratio at Negative Angle 5	0.0	No Unit
Steering Ratio at Negative Angle 3	0.0	No Unit
Steering Ratio at Negative Angle 2	0.0	No Unit
Rear Turn Lamps Output Present - Pin E3 & F42	Not Set	
Hood Ajar Switch Input Present - Pin A11	Set	
Ambient Temperature Sensor Present - Pin D22	Set	
VTA Warning LED Output Present - Pin G22	Set	
Right Dedicated DRL Lamp Output Present - Pin A22	Set	
Diesel Cabin Heater #3 Output Present - Pin D10	Not Set	
Reserved - Pin E21	Not Set	
Reserved - Pin E15	Not Set	
Diesel Cabin Heater #1 Output Present - Pin D11	Not Set	
Inverter Enable Relay Output Present - Pin F35	Set	
Rear Fog Lamps Output Present - Pin E39 & F5	Not Set	
Side Markers Output Present - Pin A10 & D5	Set	
Trailer Backup Lamps Output Present - Pin E23	Not Set	
Reserved - Pin F4	Not Set	
Reserved - Pin G12	Not Set	
Park Brake Input Present - Pin E11	Set	
Ambient Light Dimmer Wheel Input Present Pin G9	Set	
Reserved - Pin E47	Not Set	
Left Rear Door Ajar Input Present - Pin F23	Set	
Front Driver Analog Door Ajar Input Present - Pin F9	Set	
Run-ACC Y Relay #2 Output Present - Pin E9	Set	
Foot Well Lamps Output Present - Pin G24	Set	
UGDO Feed Output Present - Pin G15	Set	
Diesel Cabin Heater #2 Output Present - Pin D9	Not Set	
Reserved - Pin D20	Not Set	
Reserved - Pin E35	Not Set	
Starter Relay Lowside Coil Drive - Pin D7	Set	
Passenger Door Ajar Signal Present - Pin G18	Set	
Low Beam Output Present - Pin A3, D2	Set	
Left Dedicated DRL Lamps Output Present - Pin D15	Set	
Reserved - E20	Not Set	
Gated Park ZFII Output Present - Pin D-24	Set	
Hard Top Sense Present - Pin E14	Set	
Rear Wiper Motor Park Present - Pin E29	Set	
Reserved - F21	Not Set	
Flipper Glass #2 Output Present	Not Set	
Front Fog Lamps Output Present - Pin A1 & D13	Set	

Rear Park Lamps Output Present - Pin E4 & F32	Set	
Horn Switch Input Present - Pin F29	Set	
Headlamp Washer Low Fluid Shut-Off Enable	Not Set	
DRL Lamp Location	Dedicated	
LED License Lamps Present	Set	
Front Wiper Wipes After Wash	2 Wipes	
Front Fog Lamp Dropout Enable	Set	
Tip Start Enabled	Set	
Headlamp Wash Shot	Single	
Side Repeaters Enable	Not Set	
Quad Headlamps Enable	Set	
LED Front Fog Lamps Present	Set	
Combined Rear Lighting Enable	Set	
Door Lock Switch Signal FT LT Usage (F9)	Reserved	
Hazard Lamp Configuration	Latching Switch	
LED Rear Turn Lamps Present	Set	
Headlamp Wash Interval	wash cycle#11	
LED Front Park/Marker Lamps Present	Set	
Military Vehicle Present	Not Set	
LED High Beam Lamps Present	Set	
Front Wiper Park Enable	Set	
Tunnel Detection	Not Set	
LED Dedicated DRL Present	Set	
One Touch Lane Change	Set	
LED Stop Lamps Present	Set	
Horn Chirp Allowed	Set	
Single Element Tail Lamp	Not Set	
LED Front Turn Lamps Present	Set	
Door Lock Switch Signal FT RT Usage (F23)	Reserved	
Trailer Tow Present	Not Set	
Exterior Light Loadshed Enable	Set	
Park Lamp Loadshed Enable	Set	
DRL Configuration	Optional DRL	
LED Low Beam Lamps Present	Set	
LED Rear Fog Lamps Present	Set	
Rear Wiper Park Enable	Set	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
LED CHMSL Lamp Present	Set	
Wiper Service Position Enabled	Not Set	
LED Reverse Lamps Present	Set	
LED Tail Lamps Present	Set	
Dual Start Relay System Present	Not Set	
DRL Dropout Enable	Set	
Reversible Washer Pump Enable	Set	

Bi Xenon Headlamps Enable	Not Set	
CTP Max AC Present	Not Set	
DTV Front Camera Present	Not Set	
Microphone Type	Peiker 300 mv	
DAB Present	Not Set	
VIN Check Digit Diabile	Not Set	
Hill Descent Control Present	Not Set	
Disable CD Eject	Not Set	
Audio Steering Wheel Switch Configuration	Core Steering Wheel	
Vehicle Theft Alarm Present	Not Set	
Front Park Assist Present	Not Set	
External Port Type	AUX + USB + extra USB	
Destination	United States of America	
Cabin Equilization Curve Number	JL 4 Door Premium Top On (Alpine 12ch)	
Radio Display On/Off Softkey Present	Not Set	
Front Heated Seats Present	Set	
Hill Start Assist Customer Setting Option Present	Set	
DTV Side Camera Present	Not Set	
Radio Apps Present	Not Set	
Surround Sound Feature Present	Not Set	
Rear Camera Present	Set	
Tow Haul Present	Not Set	
Antenna Type	Passive Primary and no secondary antenna	
Hybrid Electric Powertrain Present	Not Set	
Power Door Locks Present	Set	
Microphone Tuning Parameter	Absent	
CTP Auto Lock Disable	Not Set	
CTP Easy Entry Enable	Not Set	
Power Inverter Present	Set	
SDAR Travel Link Present	Set	
CTP Passive Entry Present	Set	
Microphone Configuration	2 Microphones	
Front Ventilated Seats Present	Not Set	
Splashscreen Type	Vehicle Brand	
Heated Steering Wheel Present	Set	
Gear Shift Indicator	Not Set	
Rear Wheel Dually	not available	
ERS Available	not available	
AMB Dimmer	not available	
Service Interval	20000 km and 730 days	
Temperature Celsius for UK	Not Set	
Speedometer Range Max Scale	not available	
Split Shaft Present	not available	
Max Gear	Eighth gear	

PTO Present	not available	
IC Config Feature	not available	
Virtual Speedometer Units	not available	
Heated Seat Present	not available	
Manual Headlamp Leveling	not available	
Type of Gallons	U.K. Gallons	
Tip Start Present	Set	
AP1 Left Front	Smart Switch	
AP2 Right Front	Smart Switch	
AP5 Trunk Lock	Smart Switch	
Airport Scenario Trunk Set	Not Set	
AP3 Left Rear	Not Present	
AP4 Right Rear	Not Present	
Puddle Lamp Present	Not Set	
Mirror turn signals present	Not Set	
Window Hall Sensors Present	Not Set	
Passenger Window Lockout	Set	
Driver Memory Mirrors Present	Not Set	
Auto Power Folding Mirrors Present	Not Set	
Tow Mirror Present	Not Set	
Rear Door Pre Short Drop	Not Set	
Blindspot Mirror Present	Not Set	
Electro-chromatic passenger mirror present	Not Set	
Global Down	Not Set	
Folding mirrors present	Not Set	
Frameless Window Present	Not Set	
Window Motor Type	Not Set	
Passenger Memory Mirror Present	Not Set	
Heated Mirrors Present	Set	
Sun Shade	Not Set	
Electro-chromatic driver mirror present	Not Set	
Global Up	Not Set	
Front Vented Seats Present	Not Present	
Rear Heated Seats Present	Not Present	
Memory Adjustable Pedals Present	Not Set	
Front Heated Seat Present	Present	
Memory Seat Present	Not Set	
Rear Vented Seats Present	Not Present	
Heated Wheel Material Type	Wood/Leather	
Tilt/Telescope Steering Present	Not Set	
Heated Seat Material Type	Default	
Heated Steering Wheel Present	Present	
Brake System ECU Configuration B	Undefined	
Wheel 18 inch overall ESC Maserati	Not Set	

Brake System ECU Configuration A	value 0	
ECO Mode Configuration	Remember Previous State with Ignition Key Cycle	
Dual Alternator Present	Not Set	
CHMSL Lamp Output Disable	Not Set	
Manual Door Locks Present	Not Set	
Swing Gate Lock Present - Pin F30	Set	
Secondary Door Ajar Present - Pin E28	Set	
Auto High Beam Module Location	None	
Swing Gate Unlock Present - Pin F33	Set	
Rain Sensor Module #2 Present	Not Set	
Rear Fog Voltage	12.0	Volts
Front Fog Voltage	13.6	Volts
Excess Longitudinal Acceleration Factor	1.5	
Steering Smoothing Duration	3 periods	
Average Last Lateral Acceleration Values	Average 1	
Maximum Lateral Change	2.6 degrees	
Brake Smoothing Duration	10 periods	
Acceleration Threshold	1.5 m/s ²	
Acceleration Factor	Filter Off	
Brake Smoothing Threshold	375 Nm	
Nose Dive Threshold	480 degrees	
Steering Smoothing Factor	Filter Off	
Nose Dive Factor	Filter Off	
Steering Smoothing Threshold	150 Degrees	
Excess Lateral Acceleration Factor	1.5	
Maximum Longitudinal Change	2.0 degrees	
Brake Smoothing Factor	Filter Off	
Average Last Longitudinal Acceleration Values	Average 1	
RKE Auto-Relock Feature Enable	Not Set	
ASBM Minimum Voltage Time	10 Seconds	
Interior Lighting Night Threshold	4.45147	Volt
PE Auto-Relock Feature Enable	Set	
ASBM Battery Minimum Voltage	11.8 Volts	
Horn Chirp Duration	Short	
Parking Light Enable	Not Set	
Pitch and Roll Present	Set	
Interior Lighting Day Threshold	4.27498	Volt
VTA Hood Ajar Monitoring	Not Set	
Suspension Type	Reserved	
AGS Feature Present	Not Set	
Axle Locker Configuration	No Axle Locker / NONE	
PTC Present	Not Set	
Park Brake Type	Mechanical park brake - hand or foot / MECH	
Hybrid Type	None	

Transmission Equipped	Automatic transmission / AUTOMATIC	
Glovebox Control	Not Set	
Brake Type	Reserved	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Temperature Display Resolution	Set	
TSBM Module Present	Not Set	
ADR feature Present	Not Set	
Glare Free Present	Not Set	
Easy exit seat customer settings menu	Not Set	
Blind spot alert customer settings menu	Set	
Auto door lock customer settings menu	Set	
Rear view camera gridlines customer settings menu	Static + Dynamic / Static + Dynamic	
Compass variance customer settings menu	Not Set	
Power unit customer settings menu	Not Set	
Rain sensitive wipers customer settings menu	Not Set	
Illuminated approach customer settings menu	Set	
Pressure unit customer settings menu	Set	
Headlamp drop customer settings menu	Not Set	
Auto on driver comfort customer settings menu	Feature 2 - 3 Option / Feature 2 - 3 Option	
Auto high beam customer settings menu	Not Set	
Power liftgate chime customer settings menu	Not Set	
Unit set customer settings menu	Set	
Electric power steering customer settings menu	Not Set	
Auto park customer settings menu	Not Set	
Headlamp off delay customer settings menu	Set	
Tire jack mode customer settings menu	Not Set	
Power accessory delay customer settings menu	Set	
Auxiliary switches customer settings menu	Feature not present / Absent	
Air suspension warning customer settings menu	Not Set	
Clock display customer settings menu	Set	
Passive entry customer settings menu	Set	
Performance shift enable customer settings menu	Not Set	
Distance unit customer settings menu	Set	
Power take off customer settings menu	Not Set	
Headlamps on with wiper customer settings menu	Set	
Consumption unit customer settings menu	Set	
Lane departure warning customer settings menu	Not Set	
Park assist rear volume customer settings menu	Set	
Rear camera customer settings menu	Not Set	
Forward collision warning customer settings menu	Feature not present / Absent	
Park assist brake customer settings menu	Not Set	
Auto entry exit mode customer settings menu	Not Set	
Lane departure torque customer settings menu	Not Set	
Ambient dimmer customer settings menu	Not Set	

Compass calibration customer settings menu	Not Set	
Automatic aero mode customer settings menu	Not Set	
Park assist front volume customer settings menu	Not Set	
Park assist customer settings menu	Feature not present / Absent	
EPB service mode 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	
Rear view camera delay customer settings menu	Set	
Passenger Airbag On/Off Customer Settings Menu	Not Set	
RKE unlock customer settings menu	Set	
Speed unit customer settings menu	Set	
Doors and Engine Off Power Delay Customer Settings Menu	Set	
Forward Collision Warning and Brake Customer Settings Menu	Not Set	
Tilt mirror in reverse customer settings menu	Not Set	
Torque unit customer settings menu	Not Set	
Clari-Fi Present	Not Set	
Radio Speaker Open Circuit Disable (RF)	Not Set	
Radio Speaker Open Circuit Disable (LF)	Not Set	
DTV Present	Not Set	
Surround View Camera On/Off Softkey Present	Not Set	
Auto Dimming Mirror Hard Button Present	Not Set	
Rear Defrost and Heated Mirrors Present	Both	
Radio Speaker Open Circuit Disable (LR)	Not Set	
Tri-State Comfort Climate Softkey Function Present	Set	
Automatic Crash Notification Feature Present	Not Set	
Show Phone Information in Cluster	Set	
ANC Calibration Parameter Data Set	61166	ms
Radio Speaker Open Circuit Disable (RR)	Not Set	
Drive Mode Version	Version 1	
Trailer Hitch Camera Present	Set	
Park Assist Tuning Set	Sahara	
Right Front Corner Voltage	13.6 Volts	
Left High Beam Voltage Regulation	13.6 Volts	
Left Rear Corner Voltage	12.8 Volts	
Left Front Corner Voltage	13.6 Volts	
Right Low Beam Voltage Regulation	13.6 Volts	
Signature Light Present	Present	
Right Rear Corner Voltage	12.8 Volts	
Dual Filament Headlamp	Not Present	
Auto Headlamp On Threshold	3.31409	Volt
Front Turn Lamp Diagnostics	Present	
Left Low Beam Voltage Regulation	13.6 Volts	
Auto Headlamp Off Threshold	2.54930	Volt
Right High Beam Voltage Regulation	13.6 Volts	

Tilt	Not Set	
Siren	Not Set	
Ultrasonics	Not Set	
Manual Trans Present	Not Set	
Washer Fluid Level Voltage Threshold	4.46 volts	
Illuminated Approach Taillamp Target Percentage	165 (82.50%)	
Illuminated Approach Headlamp Target Percentage	165 (82.50%)	
IBS Present	Set	
DC to DC Converter #2 Present	Not Set	
EVIC Switch Module Present	Set	
CRVMM Present	Set	
Humidity Sensor Present	Not Set	
Panic Enable	Set	
Compass Mounting Orientation	Upside Down	
Auto Relock Time	60	seconds
DC to DC Converter Present	Not Set	
Compass Mounting Angle	0	Degree
Illuminated Approach Interior Lighting Target Percentage	100 (50%)	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
ASBM Present	Not Set	
VTA System Present	VTA	
ASBMM Present	Not Set	
Speedometer Tolerance	0 Percent Tolerance	
Steering C Factor	Type 2	
Increasing speed constant	Increasing 0 KPH	
Tachometer Type	Tachometer Type 1 / Type 1	
Passenger Kneebag Present	False	
ODS Present	False	
Driver Kneebag Present	False	
BUX vehicle	False	
Integrated EPP Present	False	
2nd Row Seat Airbags Present	False	
Passive Ped Pro Present	False	
Curtain Airbags Present	False	
Tow Hooks Present	True	
Reserved	Reserved	
Reserved	Reserved	
ANC	Not Set	
PCM	Set	
OCM	Set	
ASBS	Not Set	
SGW	Set	
ITBM	Not Set	
ABS	Set	

AFLS	Not Set
ORC	Set
AHLM/AFLS	Not Set
ESM	Set
DPDM	Set
ELSD	Not Set
IPC	Set
TPM	Set
SCCM	Set
EPS	Set
ASCM	Not Set
DTCM	Set
PTS	Set
TCM	Set
BCM (PT)	Set
RFH	Set
Heated Mirrors Present	Present
Engine Displacement	3.6L Gas with BSG
Rear Defrost Presence	Present
AMP	Set
TBM	Not Set
HVAC_R	Not Set
RBSM	Set
LBSM	Set
EDM	Not Set
Radio	Set
PTCM	Set
BCM (Interior Bus)	Set
HSM	Set
ITM	Not Set
HVAC	Set
Right High Beam Present - Pin A2	Set
Left Rear Turn Lamp Diagnostics Present - Pin F27	Set
Stop/Turn Lamp or Stop Lamp Present Pin E2 & F40	Stop/Turn Lamp
Signature Lamps or Mirror Repeater Present - Pin A5 & Pin A7	Signature Lamp
Brake Fluid Level Switch Signal Present - Pin D21	Not Set
Backup Reverse Lamp Left Present - Pin F41	Set
Left Front Lamp Diagnostics Present - Pin F25	Set
Right Front Lamp Diagnostics Present - Pin F28	Set
Left High Beam Present - Pin D1	Set
Right Rear Turn Lamp Diagnostics Present - Pin F31	Set
Backup Reverse Lamp Right Present - Pin E1	Set

RADIO CONFIGURATION

NAME	VALUE	UNITS
Compass on the bus messaging Authorization	Allowed	
GPS on the Bus messaging Authorization	Allowed	
Satellite Subscription Suspend Day	01	
Satellite Subscription Reason Code	00	
Satellite Subscription Suspend Year	46	
Satellite Subscription Suspend Month	01	
Satellite Subscription Status	Subscribed	
Satellite Subscription ID	85MLKD0E	
Aux Jack	Not Inserted	
USB Hubs Detected	1	No Unit
SD Card Readers Detected	0	No Unit
Enumerated USB Devices	0	No Unit
DTV Short Term Configuration	—	
911 Button	On	
SDARS	True	
Internal CD Player	False	
Application Framework	True	
Bluetooth	True	
Navigation Active	True	
FM Diversity	False	
Cellular	True	
Wi-Fi	True	
Splash Screen	Jeep	
Anti-Theft Enable Status	On	
Automated Loudness	On	
Front Seat Video Playback	Enabled	
Clock Defeat	Off	
Cabin EQ Curve Number Currently Used by Radio	B6	
12/24 Time Selection	12 Hour Time	

LBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)	Left Hand Drive/ LHD	
Teen Key	No	
CFG FEATURE	CFG_NONE	

RBSS CONFIGURATION

NAME	VALUE	UNITS
Teen Key	No	
Steering (LHD/RHD)	Left Hand Drive/ LHD	

HCP CONFIGURATION

NAME	VALUE	UNITS
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Liquid cooled

True



VEHICLE SCAN REPORT

Vehicle 2021 JEEP WRANGLER 3.6L V6 24V VVT ETORQUE ENGINE UPG I
VIN [REDACTED]

Odometer 11124.5 miles
Publication Date Sep 7, 2021, 3:43:50 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C	68501410AC	[REDACTED]	[REDACTED]	68501410AC
PCM	Powertrain Control Module	CAN-C	68501606AC	[REDACTED]	[REDACTED]	68501606AC
ICS	Integrated Center Stack	CAN-I	6SX70DX9AA	[REDACTED]	[REDACTED]	6SX70DX9AA
TPM	Tire Pressure Monitor	CAN-C	68411061AE	[REDACTED]	[REDACTED]	68411061AE
RFH	Radio Frequency Hub	CAN-C	68449370AB	[REDACTED]	[REDACTED]	68449370AB
ABS	Anti Lock Brakes	CAN-C	68487195AB	[REDACTED]	[REDACTED]	68487195AB
ESM	Electronic Shifter	CAN-C	04670713AB	[REDACTED]	[REDACTED]	04670713AB
DTCM	Drive Train Control Module	CAN-C	68483373AB	[REDACTED]	[REDACTED]	68483373AB
ORC	Occupant Restraint	CAN-C	68437718AB	[REDACTED]	[REDACTED]	68437718AB
EPS	Electric Power Steering	CAN-C	68529416AA	[REDACTED]	[REDACTED]	68529416AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493382AB	[REDACTED]	[REDACTED]	68493382AB
CSWM	Comfort Seat Wheel Module	CAN-I	68510873AA	[REDACTED]	[REDACTED]	68510873AA
PTCM	Power Top Control Module	CAN-I	68371772AB	[REDACTED]	[REDACTED]	68371772AB
AMP	Amplifier	CAN-I	68471119AA	[REDACTED]	[REDACTED]	68471119AA
IPC	Instrument Panel Cluster	CAN-C	68492412AB	[REDACTED]	[REDACTED]	68492412AB
PTS	Parktronics	CAN-C	68441031AC	[REDACTED]	[REDACTED]	68441031AC
SCCM	Steering Column Control Module	CAN-C	68491576AB	[REDACTED]	[REDACTED]	68491576AB
BCM	Body Controller	CAN-C	68496169AC	[REDACTED]	[REDACTED]	68496167AC
RADIO	Radio	CAN-I	68472587AI	[REDACTED] X	[REDACTED]	68472587AI

OCM	Occupant Classification	CAN-C	68403128AA			68403128AA
LBSS	Left Blind Spot Sensor	CAN-I	68454896AA			68454896AA
RBSS	Right Blind Spot Sensor	CAN-I	68454896AA			68454896AA
BPCM	Battery Pack Control Module	CAN-C	05057870AT			05057870AT
HCP	Hybrid Control Processor	CAN-C	68521305AA			68521305AA
SGW	Security Gateway Module	CAN-C	68488416AB			68488416AB
DPDM	Driver Presence Detection Module	CAN-C	68403129AA			68403129AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
TCM	USA / USA	63 35 FF	63 35 FF	4564	
PCM	USA	1B 47	90 04 01	441D	8AEB3CFA
ICS	USA	10 1E 00	11 31 00	4802	
TPM	USA	0E 23 00	13 09 05	4110	
RFH	USA / USA	10 31 00	14 06 00	4603	
ABS	USA	12 0A 71	14 05 70	4010	
ESM	USA	13 0C 00	12 15 00	4322	
DTCM	USA	11 22 00	14 0C 01	4501	
ORC	USA	12 05 00	13 04 01	4501	
EPS	USA	10 13 00	14 1C DB	4005	
HVAC	USA	13 20 00	13 32 01	4420	
CSWM	USA	10 2B 00	14 08 00	4202	
PTCM	USA	11 1A 21	12 12 60	4101	
AMP	USA	18 2E 00	13 08 00	4030	
IPC	USA	17 17 01	14 04 04	4805	
PTS	USA	10 32 01	13 24 03	4401	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 13 50	4625	
RADIO	USA	15 12 14	15 12 14	8205	
OCM	USA	11 31 01	11 07 04	4060	
LBSS	USA	11 23 01	12 25 00	4204	
RBSS	USA	11 23 01	12 25 00	4204	
BPCM	Not Programmed	14 1B 00	12 30 03	4203	
HCP	USA	14 1D 00	14 0A 01	4110	C492F639 B893840E
SGW		5	955	4103	
DPDM	USA	11 31 01	11 0F 04	4510	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
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BPCM	P0A94-00	DC/DC "A" Converter Performance-	Active
BPCM	P0A94-05	DC/DC "A" Converter Performance-System Programming Failures	Active
BPCM	P0AA1-00	Hybrid/EV Battery Positive Contactor "A" Stuck Closed-	Active
HCP	P0A94-00	DC/DC "A" Converter Performance-	Active
HCP	P0AA1-00	Hybrid/EV Battery Positive Contactor "A" Stuck Closed-	Active

ENVIRONMENTAL DATA SUMMARY

BPCM | P0A94-00 | Active | DC/DC "A" Converter Performance-

NAME	VALUE	UNITS
DTC	0A 94 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
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	
Ecu time stamps	0	minutes
ECU Time since Ignition ON	0	sec
Key On Counter	0	Count
Odometer	11115	miles
Battery Voltage	11.50	V
Vehicle Speed	0	MPH
High Voltage Battery Charge Power (Instant)	12999	watts
High Voltage Battery Charge Power (Short)	12999	watts
High Voltage Battery Charge Power (Long)	9999	watts
High Voltage Battery Discharge Power (Instant)	15240	watts
High Voltage Battery Discharge Power (Short)	13455	watts
High Voltage Battery Discharge Power (Long)	9999	watts
High Voltage Battery (Power)	0	watts
Key Position	Ignition Status : Run	
HCP Contactor Command	Impact Open	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery Lifetime	11115	miles
Discharge KWHours	0.0	KWH
Charge KWHours	0.0	KWH
Battery Lifetime Number Of Closes	2	
SOC at time of Fault	23.9	%
Power Up SOC at time of Fault	24.3	%
High Voltage Battery State of Health (Resistance)	99.6	%
High Voltage Battery State of Health (Capacity)	100.0	%
Battery Full Capacity (Ah)	10	AmpHrs

Battery Cell Voltage Maximum	3565	mV
Battery Cell Voltage Minimum	3561	mV
Battery Cell Highest Cell number	08	
Battery Cell Voltage Average	3562	mV
Battery Cell Lowest Cell number	03	
HV Auxiliary Power Module Current Sensor LV	2874	Amps
HV Auxiliary Power Module Current Sensor HV	-0.15	Amps
HV Battery Current	0.00	Amps
HV Battery Voltage (cell sum)	42.70	Volts
HV Sensor A (Pack)	42.50	Volts
HV Sensor B (LV APM)	0.00	Volts
HV Sensor C (HV APM)	42.70	Volts
HV Sensor D (After Contactor)	42.60	Volts
Battery Temperature Maximum Module	79	°F
Battery Temperature Minimum Module	77	°F
Battery Temperature Average Module	77	°F
HV Cooling Speed Pump 1 Target	0.0	%
HV Cooling Speed Pump 1 Speed	0.0	%
HV Cooling Battery coolant inlet temperature	77	°F
HV Cooling Battery coolant outlet temperature	77	°F
BPCM temperature Phase 3	79	°F
BPCM temperature Phase 4	79	°F
Auxiliary Power Module HV side Current set point	7	AMP
Auxiliary Power Module LV side Voltage set point	12.000	Volt
Auxiliary Power Module HV side Voltage set point	42.0000	Volt
Auxiliary Power Module LV side Current set point	150.0000	AMP
Auxiliary Power Module Operation Mode Enable	Off	
HV Battery Current Sensor 1	0.00	Amps
HV Battery Current Sensor 2	-0.20	Amps
Thermo-electric Device Temperature	77	°F
System Module Head Temperature	88	°F
Thermal Control Status	03	
Balancing Demand	0	AmpHrs
Valve status	Open	
Contactor Status	Closed	
Auxiliary Power Module Operating Mode Status	Failure	
Auxiliary Power Module Derating Reason	Default(Normal Operation)	
Auxiliary Power Module Input Power	0.00	Watt
Auxiliary Power Module Output Power	0.00	Watt
Auxiliary Power Module Temperature Thermo-electric Device Power Transistor	79	°F
Auxiliary Power Module Failure Reason	48V side voltage over voltage derating	
Engineering Data FoM-group A1F1	13 76 10 B4 08 03 20 00 0A 00 2C 8E 00 00 63 43 43 43 00 00 50 00 01 2F 2B 00 00 00 00 00 00 A5	

FOM-P0E56-00 (lifetime fails)	0	events
FOM-P0E56-00 (lifetime fails counts on pass)	0.0000	seconds
FOM-P0E56-00 (lifetime longest fail on pass)	0.000	seconds
FOM-P0E56-00 Path 1(lifetime fails)	0	events
FOM-P0E56-00 Path 2(lifetime fails)	0	events
FOM-P0E56-00 Path 3(lifetime fails)	0	events

BPCM | P0A94-05 | Active | DC/DC "A" Converter Performance-System Programming Failures

NAME	VALUE	UNITS
DTC	0A 94 05	
Test Failed	True	
Test Failed This Operation Cycle	True	
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	
Ecu time stamps	0	minutes
ECU Time since Ignition ON	0	sec
Key On Counter	0	Count
Odometer	11115	miles
Battery Voltage	11.50	V
Vehicle Speed	0	MPH
High Voltage Battery Charge Power (Instant)	12999	watts
High Voltage Battery Charge Power (Short)	12999	watts
High Voltage Battery Charge Power (Long)	9999	watts
High Voltage Battery Discharge Power (Instant)	15240	watts
High Voltage Battery Discharge Power (Short)	13455	watts
High Voltage Battery Discharge Power (Long)	9999	watts
High Voltage Battery (Power)	0	watts
Key Position	Ignition Status : Run	
HCP Contactor Command	Impact Open	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery Lifetime	11115	miles
Discharge KWHours	0.0	KWH
Charge KWHours	0.0	KWH
Battery Lifetime Number Of Closes	2	
SOC at time of Fault	23.9	%
Power Up SOC at time of Fault	24.3	%
High Voltage Battery State of Health (Resistance)	99.6	%
High Voltage Battery State of Health (Capacity)	100.0	%
Battery Full Capacity (Ah)	10	AmpHrs

Battery Cell Voltage Maximum	3565	mV
Battery Cell Voltage Minimum	3561	mV
Battery Cell Voltage Average	3562	mV
Battery Cell Highest Cell number	08	
Battery Cell Lowest Cell number	03	
HV Auxiliary Power Module Current Sensor LV	2874	Amps
HV Auxiliary Power Module Current Sensor HV	-0.15	Amps
HV Battery Current	0.00	Amps
HV Battery Voltage (cell sum)	42.70	Volts
HV Sensor A (Pack)	42.50	Volts
HV Sensor B (LV APM)	0.00	Volts
HV Sensor C (HV APM)	42.70	Volts
HV Sensor D (After Contactor)	42.60	Volts
Battery Temperature Maximum Module	79	°F
Battery Temperature Minimum Module	77	°F
Battery Temperature Average Module	77	°F
HV Cooling Speed Pump 1 Target	0.0	%
HV Cooling Speed Pump 1 Speed	0.0	%
HV Cooling Battery coolant inlet temperature	77	°F
HV Cooling Battery coolant outlet temperature	77	°F
BPCM temperature Phase 3	79	°F
BPCM temperature Phase 4	79	°F
Auxiliary Power Module HV side Current set point	7	AMP
Auxiliary Power Module LV side Voltage set point	12.000	Volt
Auxiliary Power Module HV side Voltage set point	42.0000	Volt
Auxiliary Power Module LV side Current set point	150.0000	AMP
Auxiliary Power Module Operation Mode Enable	Off	
HV Battery Current Sensor 1	0.00	Amps
HV Battery Current Sensor 2	-0.20	Amps
Thermo-electric Device Temperature	77	°F
System Module Head Temperature	88	°F
Thermal Control Status	03	
Balancing Demand	0	AmpHrs
Valve status	Open	
Contactor Status	Closed	
Auxiliary Power Module Operating Mode Status	Failure	
Auxiliary Power Module Derating Reason	Default(Normal Operation)	
Auxiliary Power Module Input Power	0.00	Watt
Auxiliary Power Module Output Power	0.00	Watt
Auxiliary Power Module Temperature Thermo-electric Device Power Transistor	79	°F
Auxiliary Power Module Failure Reason	48V side voltage over voltage derating	
Engineering Data FoM-group A1F2	13 76 10 B4 08 03 20 00 0A 00 2C 8E 00 00 63 43 43 43 00 00 50 00 01 2F 2B 00 00 00 00 00 00 A5	

BPCM | POAA1-00 | 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	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	
Ecu time stamps	0	minutes
ECU Time since Ignition ON	0	sec
Key On Counter	0	Count
Odometer	11115	miles
Battery Voltage	11.50	V
Vehicle Speed	0	MPH
High Voltage Battery Charge Power (Instant)	12999	watts
High Voltage Battery Charge Power (Short)	12999	watts
High Voltage Battery Charge Power (Long)	9999	watts
High Voltage Battery Discharge Power (Instant)	15240	watts
High Voltage Battery Discharge Power (Short)	13455	watts
High Voltage Battery Discharge Power (Long)	9999	watts
High Voltage Battery (Power)	0	watts
Key Position	Ignition Status : Run	
HCP Contactor Command	Impact Open	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery Lifetime	11115	miles
Discharge KWHours	0.0	KWH
Auxiliary Power Module Operation Mode Enable	Off	
Charge KWHours	0.0	KWH
Battery Lifetime Number Of Closes	2	
SOC at time of Fault	23.9	%
Power Up SOC at time of Fault	24.3	%
High Voltage Battery State of Health (Resistance)	99.6	%
High Voltage Battery State of Health (Capacity)	100.0	%
Battery Full Capacity (Ah)	10	AmpHrs
Battery Cell Voltage Maximum	3565	mV
Battery Cell Voltage Minimum	3561	mV
Battery Cell Voltage Average	3562	mV
Battery Cell Highest Cell number	08	
Battery Cell Lowest Cell number	03	
HV Auxiliary Power Module Current Sensor LV	2874	Amps

HV Auxiliary Power Module Current Sensor HV	-0.15	Amps
HV Battery Current	0.00	Amps
HV Battery Voltage (cell sum)	42.70	Volts
HV Sensor A (Pack)	42.50	Volts
HV Sensor B (LV APM)	0.00	Volts
HV Sensor C (HV APM)	42.70	Volts
HV Sensor D (After Contactor)	42.60	Volts
Battery Temperature Maximum Module	79	°F
Battery Temperature Minimum Module	77	°F
Battery Temperature Average Module	77	°F
HV Cooling Speed Pump 1 Target	0.0	%
HV Cooling Speed Pump 1 Speed	0.0	%
HV Cooling Battery coolant inlet temperature	77	°F
HV Cooling Battery coolant outlet temperature	77	°F
BPCM temperature Phase 3	79	°F
BPCM temperature Phase 4	79	°F
Auxiliary Power Module HV side Current set point	7	AMP
Auxiliary Power Module LV side Voltage set point	12.000	Volt
Auxiliary Power Module HV side Voltage set point	42.0000	Volt
Auxiliary Power Module LV side Current set point	150.0000	AMP
HV Battery Current Sensor 1	0.00	Amps
HV Battery Current Sensor 2	-0.20	Amps
Thermo-electric Device Temperature	77	°F
System Module Head Temperature	88	°F
Thermal Control Status	03	
Balancing Demand	0	AmpHrs
Valve status	Open	
Contactor Status	Closed	
Auxiliary Power Module Operating Mode Status	Failure	
Auxiliary Power Module Derating Reason	Default(Normal Operation)	
Auxiliary Power Module Input Power	0.00	Watt
Auxiliary Power Module Output Power	0.00	Watt
Auxiliary Power Module Temperature Thermo-electric Device Power Transistor	79	°F
Auxiliary Power Module Failure Reason	48V side voltage over voltage derating	
Engineering Data FoM-group CON1	00 05 51 FF FB 05 5E 00 00 00 02 00 00 00 00 00 00 00 00 18 2B 06 C7 06 C2 00 00 02 02 6E 3C 02	
FOM-P1A01-00 (lifetime fails)	0	events
FOM-P1A01-00 (lifetime fails counts on pass)	0.0000	seconds
FOM-P1A01-00 (lifetime longest fail on pass)	0.000	seconds
FOM-P1A01-00 Path 1(lifetime fails)	0	events
FOM-P1A01-00 Path 2(lifetime fails)	0	events
FOM-P1A01-00 Path 3(lifetime fails)	0	events
FOM-P0AA2-00 (lifetime fails)	0	events

FOM-P0AA2-00 (lifetime fails counts on pass)	0.0000	seconds
FOM-P0AA2-00 (lifetime longest fail on pass)	0.000	seconds
FOM-P0AA2-00 Path 1(lifetime fails)	0	events
FOM-P0AA2-00 Path 2(lifetime fails)	0	events
FOM-P0AA2-00 Path 3(lifetime fails)	0	events
FOM-P0EDD-00 (lifetime fails)	0	events
FOM-P0EDD-00 (lifetime fails counts on pass)	0.0000	seconds
FOM-P0EDD-00 (lifetime longest fail on pass)	0.000	seconds
FOM-P0EDD-00 Path 1(lifetime fails)	0	events
FOM-P0EDD-00 Path 2(lifetime fails)	0	events
FOM-P0EDD-00 Path 3(lifetime fails)	0	events
FOM-P0A80-00 (lifetime fails)	0	events
FOM-P0A80-00 (lifetime fails counts on pass)	0.0000	seconds
FOM-P0A80-00 (lifetime longest fail on pass)	0.000	seconds
FOM-P0A80-00 Path 1(lifetime fails)	0	events
FOM-P0A80-00 Path 2(lifetime fails)	0	events
FOM-P0A80-00 Path 3(lifetime fails)	0	events
FOM-P0AA1-00 (lifetime fails)	5	events
FOM-P0AA1-00 (lifetime fails counts on pass)	0.6800	seconds
FOM-P0AA1-00 (lifetime longest fail on pass)	0.280	seconds
FOM-P0AA1-00 Path 1(lifetime fails)	5	events
FOM-P0AA1-00 Path 2(lifetime fails)	0	events
FOM-P0AA1-00 Path 3(lifetime fails)	0	events

HCP | P0A94-00 | Active | DC/DC "A" Converter Performance-

NAME	VALUE	UNITS
DTCTable	0A 94 00	
TestFailed	True	
TestFailedThisMonitoringCycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	True	
DTC Extended Data Record Number	Record Number 1	
Occurrence flag	Occurrence	
Original Odometer Value	11124.5	miles
Most Recent Odometer Value	11124.5	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	0	sec
RAM stamps keyOn	0	sec
RAM Stamps	0	Min

Accelerator Pedal Position	0	%
Barometric Pressure	14	PSI
Engine Coolant Temperature	198	°F
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH
HV Battery SOC	24	%
Brake Switch Status	Not Applied	

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

NAME	VALUE	UNITS
DTCTable	0A A1 00	
TestFailed	True	
TestFailedThisMonitoringCycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	True	
DTC Extended Data Record Number	Record Number 1	
Occurrence flag	Occurrence	
Original Odometer Value	11124.5	miles
Most Recent Odometer Value	11124.5	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	0	sec
RAM stamps keyOn	0	sec
RAM Stamps	0	Min
Accelerator Pedal Position	0	%
Barometric Pressure	14	PSI
Engine Coolant Temperature	198	°F
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH
HV Battery SOC	24	%
Brake Switch Status	Not Applied	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0A94-00

No Snapshot Data available for P0A94-05

No Snapshot Data available for P0AA1-00

No Snapshot Data available for P0A94-00

No Snapshot Data available for P0AA1-00