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CONFIGURATION REPORT

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

Odometer 300.4 miles
Publication Date Jan 15, 2022, 7:57:54 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C	68478030AN	[redacted]	[redacted]	68478030AN
PCM	Powertrain Control Module	CAN-C	68477593AM	[redacted]	[redacted]	68477593AM
ICS	Integrated Center Stack	CAN-I	6SX96DX9AE	[redacted]	[redacted]	6SX96DX9AE
RFH	Radio Frequency Hub	CAN-C	56029924AA	[redacted]	[redacted]	56029924AA
ESM	Electronic Shifter	CAN-C	04670716AC		[redacted]	04670716AC
DTCM	Drive Train Control Module	CAN-C	68547688AB	[redacted]	[redacted]	68547688AB
ORC	Occupant Restraint	CAN-C	68526670AB	[redacted]	[redacted]	68526670AB
EPS	Electric Power Steering	CAN-C	68529427AC	[redacted]	[redacted]	68529427AC
HVAC	Heat, Ventilation and A/C	CAN-I	68496562AC	[redacted]	[redacted]	68496562AC
PTCM	Power Top Control Module	CAN-I	68371772AB	[redacted]	[redacted]	68371772AB
AMP	Amplifier	CAN-I	68549084AA	[redacted]	[redacted]	68549084AA
IPC	Instrument Panel Cluster	CAN-C	68499481AE	[redacted]	[redacted]	68499481AE
PTS	Parktronics	CAN-C	68441031AC	[redacted]	[redacted]	68441031AC
SCCM	Steering Column Control Module	CAN-C	68526260AA	[redacted]	[redacted]	68526260AA
BCM	Body Controller	CAN-C	68496169AF	[redacted]	[redacted]	68496168AF
RADIO	Radio	CAN-I	68472587AI	[redacted]	[redacted]	68472587AI
OCM	Occupant Classification	CAN-C	68403128AA	[redacted]	[redacted]	68403128AA
LBSS	Left Blind Spot Sensor	CAN-I	68454896AA	[redacted]	[redacted]	68454896AA
RBSS	Right Blind Spot Sensor	CAN-I	68454896AA	[redacted]	[redacted]	68454896AA
BPCM	Battery Pack Control Module	CAN-C	05193168AG	[redacted]	[redacted]	05193168AG

HCP	Hybrid Control Processor	CAN-C	05185101AF	[redacted]	[redacted]	68451035AR
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185101AF	[redacted]	[redacted]	68498791AR
ABSO	Anti Lock Brakes OBD	CAN-C	68395967AN	[redacted]	[redacted]	68395967AN
SGW	Security Gateway Module	CAN-C	68488416AB		[redacted]	68488416AB
DPDM	Driver Presence Detection Module	CAN-C	68403129AA	[redacted]	[redacted]	68403129AA
DASM	Driver Assistance System Module	CAN-C				
IDCM	Integrated Dual Charge Module	CAN-C	05185035AP	[redacted]	[redacted]	—

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
TCM	USA / USA	13 05 0E	15 19 00	4700	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	
PTCM	USA	11 1A 21	12 12 60	4101	
AMP	USA	21 01 01	15 0B 00	4034	
IPC	USA	17 17 01	15 0F 01	4805	
PTS	USA	10 32 01	13 24 03	4401	
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	
LBSS	USA	11 23 01	12 25 00	4204	
RBSS	USA	11 23 01	12 25 00	4204	
BPCM	Rest of world / ROW	13 0C 04	15 06 43	5701	
HCP	USA	15 0C 04	15 11 63	5403	
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	
DASM					
IDCM	—	—	—	4000	

CONFIGURATION

TCM CONFIGURATION

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

PCM CONFIGURATION

NAME	VALUE	UNITS
Active Exhaust Pressure Sensor Equipped	False	
Secondary Mass Airflow Sensor Equipped	False	
Electronic Parking Brake Equipped	False	
Active Exhaust Valve(s) Equipped	False	
Wastegate HBridge Equipped	True	
Heater Temp Control Valve Equipped	False	
Mechanical Coolant Pump Equipped	False	
High Side Port Tumble Valve Equipped	False	
Aux Coolant Pump Heater Equipped	False	
O2 Sensor Bank 2 Sensor 2 Equipped	False	
Tumble Generator Valve Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
Battery Temp Sensor Equipped	False	
Next Gen Bus Equipped	False	
Secondary Air Equipped	False	
Mechanical Coolant Pump Heater Equipped	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
Transmission Oil Heater Equipped	False	
Police Package Equipped	False	
Intake Cam 2 Equipped	False	
62TE	False	

Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Electronic Coolant Pump Equipped	False	
GPEC4 Equipped	True	
Throttle Inlet Temp Sensor Equipped	True	
40TE / 41TE / 41TEA	False	
EMAT (Getrag DCT transmission) Equipped	False	
GPEC2A Equipped	False	
Electric Water Pump Equipped	False	
3 Speed Fan Mechanical Relay System Equipped	False	
Secondary Fuel Pump Equipped	False	
Constant Heater Temperature Control Valve Equipped	False	
Intake Cam 1 Equipped	True	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
Engine Idle Shutoff Equipped	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
4.0 Liter I6 Engine	False	
3.7 Liter V6 Engine	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
Active Engine Mount Equipped	False	
MultiAir Equipped	False	
Exhaust Cam 1 Equipped	True	
Supercharger Equipped	False	
Dual Stage Oil Pump Equipped	True	
Linear PWM Fan Relay System Equipped	True	
Vehicle Speed Sensor #1 Calculated from CAN	False	
6.1 Liter V8 Engine	False	
5.7 Liter V8 Engine	False	
Fiat VIN Learning Strategy Equipped	False	
Variable Speed Fuel Pump Equipped	True	
VLP Equipped Indicator	False	
3.2 Liter V6 Engine	False	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
6.2 Liter V8 Engine	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
CMCV H-Bridge Equipped	Undefined	
Unleaded Gasoline Fuel	True	
Direct Injection Equipped	True	
Fixed displacement AC Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
ICC Cruise Equipped	False	
Turbine Volute Valve Actuator Equipped	Undefined	
ETC Cruise equipped	False	
2.0 Liter WI4 engine	False	
2 Speed Fan PWM Relay System Equipped	False	

GPEC2 Equipped	False	
Exhaust Cam 2 Equipped	False	
Active Exhaust Valve Equipped	False	
2 Speed Fan Mechanical Relay System Equipped	False	
Wastegate H-Bridge Equipped	01	
Coolant On-Off Valve Equipped	False	
Clutch Interlock Switch Equipped	False	
MTV Solenoid Equipped	False	
Cooled EGR Equipped	True	
CUSW (11-Bit) Equipped	False	
Fiat 940 Compact Equipped	False	
CUSW PROXI Write Programming Support Enabled	True	
Electric Coolant Valve Equipped	False	
ESIM Equipped	False	
Auxiliary Coolant Pump Equipped	True	
Port Flap Valve Equipped	False	
Power Steering Switch Equipped	False	
Active Grille Shutter Equipped	False	
Starter Relay 2 Equipped	False	
3.6 Liter V6 Engine	False	
Engine Software In Package	True	
WI4 Intake Flow Control Valve Equipped	False	
AC Equipped Over Bus	False	
AC Equipped	False	
TIP Equipped	True	
WI4 Variable Valve Timing Equipped	True	
Compressed Natural Gas Equipped	False	
3.5 Liter V6 Engine	False	
Trans Reverse Lockout Equipped	False	
Viscosity Sensor Equipped	False	
Electric Thermostat Heater Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Coolant On-Off Pump Equipped	True	
O2 Sensor Bank 2 Sensor 1 Equipped	False	
4 Speed Automatic Transmission Equipped	False	
Linear EGR Equipped	False	
Barometric Sensor Equipped	True	
4 Button Integrated Cruise Control	False	
Transmission Software Included	False	
Adaptive Cruise Control Hardware Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Trans Skip Shift Equipped	False	
Auxiliary Heater Electric Water Pump Equipped	False	
Brushless PWM Fan Equipped	FAN_PWM_BOSCH_BRUSHLESS_CNFG	

1.0 Liter I3 Engine	False	
A/C Equipped	True	
Electronic Vacuum Pump Equipped	False	
Adaptive Cruise Control Equipped	True	
VLP Is Learnable Indicator	False	
Primary Lin Alternator Equipped	False	
1.8 Liter WI4 engine	False	
Aisin 6-Speed RWD Transmission Equipped	False	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Turbocharger Equipped	True	
Variable Displacement AC Equipped	False	
Operator Idle Speed Request Equipped	False	
Wide Range O2 Sensor 2/1 Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Electronic Throttle Control Equipped	True	
Hybrid Electric Vehicle Equipped	True	
PWM Fan Motor System Equipped	False	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
42RLE	False	
Dual Fuel Tank Equipped	False	
MDS Equipped	False	
CUSW (29-Bit) Equipped	False	
Powernet Equipped	False	
Shift Indicator Lamp Equipped	False	
Sensorless FFV Enabled	False	
Cummins Equipped	False	
Knock Sensor 1 Equipped	True	
Rear Heater Equipped	False	
Knock Sensor 2 Equipped	True	
Fan Wake Up Relay System Equipped	False	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
VFS Actuators Available Indicator	False	
6.4 Liter V8 Engine	False	
Yaw Rate Sensor ESC Equipped	True	
Linear Purge Equipped	False	
SRV Equipped	False	
PTO System Equipped	False	
2.4 Liter WI4 engine	False	
Dual Fuel Pressure Sensor Equipped	True	
1 Speed Fan Mechanical Relay System Equipped	False	
Low Temperature Radiator Coolant Pump Equipped	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
Wide Range O2 Sensor 1/1 Equipped	True	
ZF 9-Speed Transmission Equipped	False	

Brake Pedal Sensor Equipped	True	
Dual Speed Fuel Pump Equipped	False	
ERS Equipped Indicator	False	
Continuous Variable Transmission Equipped	False	
66RFE / 68RFE	False	
3.0 Liter V6 Engine	False	
Oil Pressure Sensor Enabled	True	
3.3 Liter V6 Engine	False	
4.7 Liter V8 Engine	False	
2.7 Liter V6 Engine	False	
HPT 6-Speed Transmission Equipped	False	
Unleaded diesel fuel	False	
Engine Stop Start Equipped	False	
Duty Cycle Purge Valve Equipped	True	
GPEC3 Equipped	False	
45RFE / 545RFE / 65RFE	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
3.8 Liter V6 Engine	False	
Engine Oil Heater Cooler Equipped	True	
VMM Equipped	False	
Remote Start Present	Present	
INTAKE O2 SENSOR EQUIPPED	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	True	
Bi-Directional Crank Sensor Equipped	True	
Mass Airflow System Equipped	False	
Throttle Inlet Temp Sensor Equipped	True	
Operator Idle Speed Request Equipped	False	
Make Up Air Sensor Equipped	True	
CUSW 4-Button Cruise Equipped	False	
Brake Pedal Sensor Equipped	True	
Clutch Sensor Equipped	False	
5 Button Cruise (LIN) Equipped	True	
Cylinder Pressure Sensor Equipped	False	
Power Steering Angle Sensor Mandatory	False	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Dual Fuel Pressure Sensor Equipped	True	
Cooled EGR Equipped	True	
A/C Relay Powered from Engine Switched Battery	False	
Hybrid MEC Shifter Equipped	False	
Supercharger Equipped	False	
HPT 6-Speed Trans Equipped	False	
Auxillary Coolant Pump Equipped	True	
Engine Idle Shutoff Equipped	False	
PTO System Equipped	False	

Low Temp Radiator Coolant Pump Equipped	False	
Dual Fuel Tank Equipped	False	
Dual Alternator Gen1 Capable	False	
ZF 9-Speed Trans Equipped	False	
CNG Large Gas Tank Equipped	False	
2.0 Liter I4 Direct Injection Engine	True	
Coolant On-Off Pump Equipped	Equipped	
Primary Lin Alternator Equipped	Not Equipped	
1.0 Liter I3 Engine	False	
Variable Valve Lift Equipped	Not Equipped	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
Base TPM Present	Not Set	
Full Size Matching Spare Tire Present	Set	
Fob Location #3 Successfully Programmed	No	
Valid Key In Ignition	Yes	
Fob Location #4 Successfully Programmed	No	
Secret Key Sent to Body Controller - Most recent attempt	Yes	
Fob Location #7 Successfully Programmed	No	
Fob Location #8 Successfully Programmed	No	
Secret Key Sent to Body Controller - Original attempt	Yes	
Fob Location #1 Successfully Programmed	Yes	
RFHub Locked	RFHUB Locked after IAC write	
PIN Successfully Programmed	Yes	
Fob Location #6 Successfully Programmed	No	
Fob Location #2 Successfully Programmed	Yes	
VIN Successfully Programmed	Yes	
Fob Location #5 Successfully Programmed	No	
Passive Entry	True	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Tire Pressure System	True	
Auto Park Present	True	
Module Configuration Status	True	
Secret Codes Programmed	True	
$0214 Programmed by	Programmed by FCA manufacturing	
e-shifter present	True	

Selectable Tire Fill Alert	False	
TPM Auto-Locate Enabled	True	
RKE	True	
Ignition system type connected	KIN system	
Remote Start Present	False	
Keyless Go	True	
Back Up Customer Settings Menu 1 (CSM1)	True	
Back Up Customer Settings Menu 2 (CSM2)	True	
Back Up Vehicle Config 1	True	
Back Up ECU Configuration 13	True	
Back Up Vehicle Config 5	True	
Back Up ECU Configuration 2	True	
Back Up Vehicle Config 2	True	
Back Up ECU Configuration 10	True	
Back Up Vehicle Config 6	True	
Back Up Vehicle Config 7	True	
Back Up ECU Configuration 3	True	
Back Up ECU Configuration 4	True	
Back Up Vehicle Config 4	True	
Back Up ECU Configuration 14	True	
Back Up ECU Configuration 11	True	
Back Up ECU Configuration 6	True	
Back Up ECU Configuration 17	True	
Back Up Programmed ECUs: P/T Chassis Network	True	
Back Up ECU Configuration 1	True	
Back Up ECU Configuration 15	True	
Back Up ECU Configuration 8	True	
Back Up ECU Configuration 16	True	
Back Up ECU Configuration 12	True	
Back Up ECU Configuration 9	True	
Back Up Programmed ECUs: Cabin Network	True	
Back Up ECU Configuration 7	True	
Back Up Vehicle Config 3	True	
Back Up ECU Configuration 5	True	
Hardware Configuration: Remote Start Antenna	Not Present	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Trunk Door Handle H/W	Serial AP	
Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
ECU Ship Status	Normal Mode	

DTCM CONFIGURATION

NAME	VALUE	UNITS

Rear Locker Present	False	
FAD Present	True	
Mode Switch Present	True	
Full-Time T-Case	True	
Front Locker Present	False	
SRT Present	—	
T-Case Type	MPT 3025C	
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
ANC Status	Off - Door Mute	
ANC Calibration Date - Year	20	
ANC Calibration Date - Patch Level	0	
ANC Calibration Date - Week	6	
Surround Sound Activated	Not Set	
Current ANC Calibration ID - Service	B602	
Premuim - 3	False	
Premuim - 2	True	
No HALF Chimes	True	
Non -ANC	False	
No Rear Doors	True	
Premuim - 1	False	
Door Module - Right Front	Not Present	
Door Module - Left Front	Not Present	

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	1	
Last Programmed Status	Service	
Vehicle Configuration Programmed Status	True	
ECU Configuration 6 (Brake)	0	
Vehicle Configuration 4 - Write Counter	0	
Vehicle Configuration 3 - Write Counter	0	
ECU Configuration 3	1	
Vehicle Configuration 6 - Write Counter	0	
ECU Configuration 5 (Wireless)	1	
Programmed Network Configuration - Audio / Telematics Network	0	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	1	
ECU Configuration 10	0	
ECU Configuration 4	1	

ECU Configuration 2 (CBC Features)	1	
ECU Configuration 14	1	
ECU Configuration 15 (CBC Features)	1	
Last Configuration Odometer	199	miles
ECU Configuration 5 (Memory)	0	
ECU Configuration 9 (ITM)	0	
ECU Configuration 5 (Doors)	0	
Vehicle Configuration Auto Write Counter	2	
ECU Configuration 12	1	
Vehicle Configuration 2 - Write Counter	0	
Programmed ECUs: P/T Chassis Network	0	
ECU Configuration 15 (Suspension)	0	
ECU Configuration 6 (Safety)	0	
ECU Configuration 9A	1	
Vehicle Config CSM1	0	
ECU Configuration 11	1	
Programmed ECUs: Cabin Network	0	
Vehicle Configuration 1 - Write Counter	0	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	1	
Programmed ECUs: Hybrid LAN Network	0	
ECU Configuration 8 (LIN and Miscellaneous)	1	
ECU Configuration 6 (Powertrain)	0	
Vehicle Configuration 7 - Write Counter	0	
Vehicle Configuration 5 - Write Counter	0	
ECU Configuration 6 (Suspension)	0	
ECU Configuration 13	1	
Vehicle Config CSM2	0	
Remote Start Present	Not Set	
Auto Highbeam	Set	
PTS Configuration	Rear / REAR	
Vehicle Line	JL	
Maximum Vehicle Speed	99	MPH
Select Speed Control Feature Present	Set	
Emode Present	Not Set	
Body Style	4-Door Hatchback	
Country Code	USA	
Model Year	2021	
Drive Configuration	Selectable 4wd	
Hill Descent Feature Present	Not 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	Not Set	
Power Lift Gate Present	Not Set	
T-Case Type	Transfer Case 246 / Transfer Case 246	
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	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	17	gallons
RKE System Present	Set	
FOBIK Safe Enable	Set	
Power Right Sliding Door Present	Not Set	
Forward Collision Warning present	Set	

Police Lighting Feature	Not Set	
Display Compass Heading Present	Set	
Chassis Type	Type 88	
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	Not 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 Diable	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	Not 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	Not 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	Not 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	Not 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	IRCM	
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/s2	
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	PHEV	
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 not present / Absent	
Auto high beam customer settings menu	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 2 - 3 Option / Feature 2 - 3 Option	
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	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	Not Set	
Automatic Crash Notification Feature Present	Not Set	
Show Phone Information in Cluster	Set	
ANC Calibration Parameter Data Set	46594	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 3	
Increasing speed constant	Increasing 0 KPH	
Tachometer Type	Feature Disabled / DISABLED	
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	Not 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	Signal Not Available / SNA	
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	Not 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	AVQPWD0A	
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	

ABSO CONFIGURATION

NAME	VALUE	UNITS
Trans Type	ZF_8spd	
Drive Configuration	Selectable 4wd	
Displacement	2.0	No Unit
Hybrid Type	PHEV	
Vehicle Line Identification	JL	
Chassis Type	Type 88	
Axle Ratio	3.726	No Unit
Tire Circumference	97	inch

ECU DETAILS REPORT

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

Odometer 300.4 miles
Publication Date Jan 15, 2022, 8:00:24 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C	68478030AN	[redacted]	[redacted]	68478030AN
PCM	Powertrain Control Module	CAN-C	68477593AM	[redacted]	[redacted]	68477593AM
ICS	Integrated Center Stack	CAN-I	6SX96DX9AE	[redacted]	[redacted]	6SX96DX9AE
RFH	Radio Frequency Hub	CAN-C	56029924AA	[redacted]	[redacted]	56029924AA
ESM	Electronic Shifter	CAN-C	04670716AC		[redacted]	04670716AC
DTCM	Drive Train Control Module	CAN-C	68547688AB	[redacted]	[redacted]	68547688AB
ORC	Occupant Restraint	CAN-C	68526670AB	[redacted]	[redacted]	68526670AB
EPS	Electric Power Steering	CAN-C	68529427AC	[redacted]	[redacted]	68529427AC
HVAC	Heat, Ventilation and A/C	CAN-I	68496562AC	[redacted]	[redacted]	68496562AC
PTCM	Power Top Control Module	CAN-I	68371772AB	[redacted]	[redacted]	68371772AB
AMP	Amplifier	CAN-I	68549084AA	[redacted]	[redacted]	68549084AA
IPC	Instrument Panel Cluster	CAN-C	68499481AE	[redacted]	[redacted]	68499481AE
PTS	Parktronics	CAN-C	68441031AC	[redacted]	[redacted]	68441031AC
SCCM	Steering Column Control Module	CAN-C	68526260AA	[redacted]	[redacted]	68526260AA
BCM	Body Controller	CAN-C	68496169AF	[redacted]	[redacted]	68496168AF
RADIO	Radio	CAN-I	68472587AI	[redacted]	[redacted]	68472587AI
OCM	Occupant Classification	CAN-C	68403128AA	[redacted]	[redacted]	68403128AA
LBSS	Left Blind Spot Sensor	CAN-I	68454896AA	[redacted]	[redacted]	68454896AA
RBSS	Right Blind Spot Sensor	CAN-I	68454896AA	[redacted]	[redacted]	68454896AA
BPCM	Battery Pack Control Module	CAN-C	05193168AG	[redacted]	[redacted]	05193168AG

HCP	Hybrid Control Processor	CAN-C	05185101AF	[redacted]	[redacted]	68451035AR
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185101AF	[redacted]	[redacted]	68498791AR
ABSO	Anti Lock Brakes OBD	CAN-C	68395967AN	[redacted]	[redacted]	68395967AN
SGW	Security Gateway Module	CAN-C	68488416AB		[redacted]	68488416AB
DPDM	Driver Presence Detection Module	CAN-C	68403129AA	[redacted]	[redacted]	68403129AA
DASM	Driver Assistance System Module	CAN-C				
IDCM	Integrated Dual Charge Module	CAN-C	05185035AP	[redacted]	[redacted]	—

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
TCM	USA / USA	13 05 0E	15 19 00	4700	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	
PTCM	USA	11 1A 21	12 12 60	4101	
AMP	USA	21 01 01	15 0B 00	4034	
IPC	USA	17 17 01	15 0F 01	4805	
PTS	USA	10 32 01	13 24 03	4401	
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	
LBSS	USA	11 23 01	12 25 00	4204	
RBSS	USA	11 23 01	12 25 00	4204	
BPCM	Rest of world / ROW	13 0C 04	15 06 43	5701	
HCP	USA	15 0C 04	15 11 63	5403	
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	
DASM					
IDCM	—	—	—	4000	

ECU DETAILS

TCM DETAILS

NAME	VALUE
VIN Original	[redacted]
HW - Patch Level	0E
HW - Year	19
HW - Week	5
Active Diagnostic Variant	47
Active Diagnostic Version	00
VIN Current	[redacted]
Hardware Part Number	68415437AD
ECU Part Number	68478030AN

PCM DETAILS

NAME	VALUE
Hardware Version (Major/Minor)	1D 47
Supplier ID	Motorola
Variant ID	49
ECU Part Number	68477593AM
Software Version (Major/Middle/Minor)	21 21 00
Diagnostic Version	28
Odometer When Original VIN First Written	2668768948.7216
Serial Number	T00EP3551KDVQ3
VIN Current	[redacted]
VIN - Original	[redacted]

ICS DETAILS

NAME	VALUE
ECU Part Number	6SX96DX9AE
VIN Current	[redacted]
Software Supplier Identification	Panasonic
VIN Original	[redacted]
HW - Week	30
HW - Patch Level	00
HW - Year	10
SW - year	20
SW - Patch Level	0
SW - week	51
Hardware Supplier Identification	Panasonic
Active Diagnostic Version	02
Active Diagnostic Variant	48
Model Year	2021
Country Code	USA
Body Style	4-Door-Hatchback
Vehicle Line	JL
ECU Serial Number	T204110562

RFH DETAILS

NAME	VALUE
IAC Data	—
VIN Original	[redacted]
Hardware Supplier	Continental
Hardware Version - Patch Level	00
Hardware Version - Year	10
Hardware Version - Week	31
ECU Part Number	56029924AA
Software Version - Year	14
Software Version - Patch Level	00
Software Version - Week	30
ECU Serial Number	T04Z22711V0887
Hardware Part Number	11208402AA
Country Code	USA / USA
Model Year	2021
Vehicle Line	JL
Body Style	BODY_4
Software Logical Block #0 Part Number	68341973AP
Software Supplier	Continental
Active Diagnostic Variant	46
ECU Software Mode	Running in Application
Active Diagnostic Version	04
Active Diagnostic Session	Extended

ESM DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	22

DTCM DETAILS

NAME	VALUE
Hardware Supplier Identification	Continental
Active Diagnostic Variant	45
Active Diagnostic Version	01
ECU Software Mode	Running in Application
VIN Current	[redacted]
SW - week	10
SW - year	21
SW - Patch Level	1
Software Supplier Identification	Continental
ECU Part Number	68547688AB
HW - Patch Level	0
HW - Week	34

HW - Year	17
Hardware Variant	Full Time
Software Part Number	68547688AB
Hardware Part Number	68547688AB
ECU Serial Number	TH2YC2701273CV
Vehicle Line	JL
Country Code	USA
Body Style	4-Door Hatchback
Model Year	2021

ORC DETAILS

NAME	VALUE
Model Year	2021
Country Code	USA
Vehicle Line	JL
Body Style	BODY_4DH
Active Diagnostic Variant	45
Active Diagnostic Version	01
ECU Serial Number	T02JF2321G223F

EPS DETAILS

NAME	VALUE
Boot SW - Year	16
Boot SW - Patch Level	12
Boot SW - Week	50
ECU Serial Number	TFD1451B0187
Active Diagnostic Variant	40
Active Diagnostic Version	05
SW - Patch Level	220
SW - year	20
SW - week	49
Hardware Supplier Identification	China Automotive Systems Inc
Software Logical Block Supplier Identification	China Automotive Systems Inc
HW - Week	19
HW - Patch Level	00
HW - Year	16
VIN Current	[redacted]
Model Year	2021
Body Style	BODY_4DH
Country Code	USA
Vehicle Line	JL
ECU Part Number	68529427AC

HVAC DETAILS

NAME	VALUE
VIN Original	[redacted]
Model Year	2021
Country Code	USA
Body Style	4-Door-Hatchback
Active Diagnostic Version	20
Active Diagnostic Variant	44
VIN Current	[redacted]
ECU Part Number	68496562AC

PTCM DETAILS

NAME	VALUE
ECU Part Number	68371772AB
ECU Software Mode	Running in Application
Active Diagnostic Variant	41
Active Diagnostic Version	01
VIN Current	[redacted]
VIN Original	[redacted]

AMP DETAILS

NAME	VALUE
Hardware Part Number	68549088AA
ECU Part Number	68549084AA
Country Code	USA
Model Year	2021
Vehicle Line	JL
Body Style	4-Door-Hatchback
Software Part Number	68549084AA
VIN Current	[redacted]
SW - year	21
SW - week	11
SW - Patch Level	0
HW - Week	1
HW - Year	21
HW - Patch Level	01
Hardware Supplier Identification	Alpine
Active Diagnostic Version	34
Active Diagnostic Variant	40
Software Supplier Identification	Alpine
ECU Origin	DCX
ECU Serial Number	TH1AA1901G0200
VIN Original	[redacted]

IPC DETAILS

NAME	VALUE
Vehicle Line	JL
Model Year	2021
Body Style	4-Door-Hatchback
Country Code	USA
Active Diagnostic Version	05
Active Diagnostic Variant	48
HW - Week	23
HW - Patch Level	01
HW - Year	17
ECU Serial Number	JLZ7258140YV
Software Logical Block #1 Part Number	68498567AE
Hardware Part Number	68499481AE
VIN Current	[redacted]
VIN Original	[redacted]
SW - patch level - Block 1	1
SW - year - Block 1	21
SW - week - Block 1	15
Hardware Supplier Identification	Magneti Marelli
Software Supplier Identification	Magneti Marelli
ECU Part Number	68499481AE

PTS DETAILS

NAME	VALUE
VIN Original	[redacted]
VIN Current	[redacted]
Active Diagnostic Session	Default
Active Diagnostic Version	01
Active Diagnostic Variant	44
ECU Software Mode	Running in Application

SCCM DETAILS

NAME	VALUE
ECU Serial Number	S24312155
Hardware Part Number	10321385AC
SW - year	19
SW - Patch Level	0
SW - week	41
Hardware Supplier Identification	Kostal
Software Logical Block Supplier Identification	Kostal
VIN Current	[redacted]
Vehicle Line	JL
Model Year	2021
Country Code	USA

Body Style	BODY_4DH
ECU Part Number	68526260AA
Software Logical Block #0 Part Number	12020778AB
VIN Original	[redacted]
HW - Week	40
HW - Patch Level	0
HW - Year	19
Active Diagnostic Version	1
Active Diagnostic Variant	43
ECU Software Mode	Running in Application

BCM DETAILS

NAME	VALUE
Model Year	2021
Vehicle Line	JL
Body Style	4-Door Hatchback
Country Code	USA
Hardware Supplier Identification	Continental
Hardware Part Number	68496168AE
Software Logical Block #0 Part Number	68496169AF
ECU Part Number	68496168AF
Active Diagnostic Variant	46
Active Diagnostic Version	25
Software Logical Block Supplier Identification	Continental
ECU Serial Number	T1C266120369
VIN Current	[redacted]
VIN Original	[redacted]

RADIO DETAILS

NAME	VALUE
Hardware Part Number	CNSC8AN0GX
ECU Part Number	68472587AI
Body Style	4- Door Hatchback
Country Code	USA
Model Year	2021
Vehicle Line	JL
Software Supplier Identification	Panasonic
Market Selection Configuration	02
Hardware Supplier Identification	Panasonic
VIN Original	[redacted]
ECU Software Number	68472587AI
VIN Current	[redacted]
Active Diagnostic Variant	82
Active Diagnostic Version	05

ECU Serial Number	T M9250102796
Sales Code	Q
SW - week	14
SW - Patch Level	14
SW - year	2021
ECU Hardware Version Number	20
HW - Patch Level	14
HW - Year	2021
HW - Week	14
Software Part Number	68472587AI
ECU Software Version Number	5390

OCM DETAILS

NAME	VALUE
Active Diagnostic Version	60
Active Diagnostic Variant	40
VIN Original	[redacted]
Country Code	USA
Model Year	2021
Vehicle Line	JL
Body Style	BODY_4DH
Software Logical Block #0 Part Number	28502960
ECU Part Number	68403128AA
ECU Serial Number	TJLJY24911502H
Hardware Part Number	28608001
VIN Current	[redacted]

LBSS DETAILS

NAME	VALUE
VIN Current	[redacted]
Hardware Supplier Identification	Autoliv
VIN Original	[redacted]
Software Logical Block #1 Part Number	637890800M
Software Logical Block #2 Part Number	637890800M
Software Logical Block #3 Part Number	637890800M
SW - patch level - Logical Block #1	00
SW - week - Logical Block #1	37
SW - year - Logical Block #1	2018
Body Style	BODY_4DH
Model Year	2021
Country Code	USA
Vehicle Line	JL
Software Logical Block Supplier Identification	Autoliv
ECU Part Number	68454896AA

HW - Year	2017
HW - Patch Level	01
HW - Week	35
Serial Number	TJL 257141341
Hardware Part Number	636419500E
Active Diagnostic Version	04
Active Diagnostic Variant	42
ECU Software Mode	Running in Application

RBSS DETAILS

NAME	VALUE
ECU Part Number	68454896AA
SW - week - Logical Block #1	37
SW - patch level - Logical Block #1	00
SW - year - Logical Block #1	2018
HW - Year	2017
HW - Week	35
HW - Patch Level	01
ECU Software Mode	Running in Application
Active Diagnostic Variant	42
Active Diagnostic Version	04
Hardware Supplier Identification	Autoliv
Software Logical Block Supplier Identification	Autoliv
Software Logical Block #1 Part Number	637890800M
Software Logical Block #3 Part Number	637890800M
Software Logical Block #2 Part Number	637890800M
VIN Original	[redacted]
Hardware Part Number	636419500E
VIN Current	[redacted]
Vehicle Line	JL
Body Style	BODY_4DH
Model Year	2021
Country Code	USA
Serial Number	TJL 259140886

BPCM DETAILS

NAME	VALUE
VIN Current	[redacted]
VIN Original	[redacted]
Active Diagnostic Variant	57
Active Diagnostic Version	01
ECU Part Number	05193168AG
SW - Patch Level	43
SW - year	2021

SW - week	6
ECU Serial Number	TAA6I2661C0100

HCP DETAILS

NAME	VALUE
VIN Original	[redacted]
Vehicle Line	JL
Body Style	4-Door Hatchback
Model Year	2021
ECU Part Number	68451035AR
Active Diagnostic Variant	54
Active Diagnostic Version	03
VIN Current	[redacted]

AHCP DETAILS

NAME	VALUE
AHCP SW Version	20B
MCPA SW Version	2102B1
Model Year	2021
Body Style	4-Door Hatchback
Vehicle Line	JL
Active Diagnostic Variant	56
Active Diagnostic Version	00
VIN Original	[redacted]
VIN Current	[redacted]
ECU Part Number	68498791AR
Hardware Part Number	05185101AF

ABSO DETAILS

NAME	VALUE
Software Part Number	68395967AN
VIN Current	[redacted]
VIN Original	[redacted]
Hardware Part Number	68395967AN
ECU Part Number	68395967AN
Active Diagnostic Version	00
Active Diagnostic Variant	43

SGW DETAILS

NAME	VALUE
VIN Original	[redacted]
Active Diagnostic Session Data Identifier	Extended Diagnostic Session
System Supplier ECU Software Version Number	955
ECU Serial Number	54 46 31 31 36 32 35 32 31 4A 31 39 44 33 30

Diagnostic Version	03
Supplier ID	Bosch
Diagnostic Variant ID	41
System Supplier ECU Hardware Number	6002JE1371
ECU Part Number	68488416AB
System Supplier ECU Software Number	V230
System Supplier ECU Hardware Version Number	5

DPDM DETAILS

NAME	VALUE
Active Diagnostic Version	10
Active Diagnostic Variant	45
VIN Current	[redacted]
ECU Serial Number	TJLJY24611610W
ECU Part Number	68403129AA
VIN Original	[redacted]
Hardware Part Number	28608003
Software Logical Block #0 Part Number	28518682
Vehicle Line	JL
Model Year	2021
Country Code	USA
Body Style	BODY_4DH

IDCM DETAILS

NAME	VALUE
VIN Current	[redacted]
VIN Original	[redacted]
ECU Part Number	05185035AP
Model Year	2021
Vehicle Line	JL
Body Style	4-Door Hatchback
Active Diagnostic Version	00
Active Diagnostic Variant	40

FREEZE FRAME REPORT

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

Odometer 300.4 miles
Publication Date Jan 15, 2022, 8:01:24 AM

FREEZE FRAME DATA

Carb

CODE: U1412 | ECU: PCM

NAME	VALUE	UNITS
Low Ethanol Therm Mgmnt Flag	No	
Actual Torque	10.47	Ft-Lbs
Spark Advance	-19.5	degrees
APP Pedal Percent	0.00	%
Engine RPM	1599.00	rpm
Ethanol Gas For Sure	No	
Alcohol Fuel Percent	0.00	%
Fuel Level Percent	54.9	%
Brake Switch 2	Released	
Absolute Load Value	60	%
Air Charge Temp - Bank 1	64.40	°F
Catalyst Temp	97	°F
Freeze Frame DTC Priority	03	
Freeze Frame Engine Coolant Temp	68	°F
Fuel Rail Pressure	525	kPa
Throttle Flow Adaptive	-1.227	g/s
Mass Airflow Rate	0.00	g/s
Fuel Rail Pressure	0	PSI
MAP	6	PSI
Ethanol Trigger On Fuel Vol Fault	No	
Long Term Fuel Trim - Bank 1	-0.0	%
Barometric Pressure	15	PSI
AC Clutch	Engaged	
AC Switch	On	
Throttle Outlet Temp	-40.00	°F
Battery Voltage	14.6387	Volts
Ambient Air Temperature	64	°F
Turbo PRatio	1	PRatio

Relative Throttle Position	9.0	%
Low Ethanol PWR Enrich Flag	No	
Current Adaptive Cell ID	05	
Throttle Flow Multiplicative Adaptive	0.02682	Mult
EGR Error	NOT-DEFINED	
ETC Motor Duty Cycle	8.6	%DC
H-Bridge Circuit	Enable	
Brake Switch 1	Released	
APP 2 Voltage	0.2004	Volts
Phi Adaption Value	0.02740	Mult
Fuel Type Being Used	Gasoline	
Engine Load	33.3	%
Closed Loop - Bank 1	False	
Vehicle Speed	0	MPH
Calculated MAP	9.9	PSI
TPS 2 Voltage	4.0223	Volts
Commanded Throttle Actuator Control	9.0	%
Closed Loop with DTC - Bank 1	False	
Air Charge Temp - Bank 2	-40.00	°F
TPS 1 Voltage	0.9516	Volts
Freeze Frame MAP Vacuum	9.50	in Hg
Potential Torque	96.78	Ft-Lbs
Time Since Run / Start	12	seconds
Ignition Run/Start Switch	On	
Cooled EGR Temp	-26	deg C/s
Ethanol Fine Tune Complete Prev	No	
Purge Duty Cycle	0.0	%
Commanded EGR Duty Cycle	0.0	%
MAP Voltage	0.84	Volts
Short Term Fuel Trim - Bank 1	-0.0	%
Brake Switch Pressed	No	
Freeze Frame Caused by DTC	D4 12	
Commanded Equivalence Ratio	1.00	
Throttle Inlet Pressure	14.8	PSI
Turbo Torque Count	0	Counts
APP 1 Voltage	0.4008	Volts
PCM Odometer	294.9120	miles
Turbo Boost Timer	0.00	ms
PCM Mileage Since MIL On	0.0000	miles
Control Module Volts	14.684	V
ETC Motor Directional Duty Cycle	8.6	%DC
Fuel Tank Pressure	1750.00	Pa
Turbo Airport Mass Flow	9.4531	g/s
Purge Solenoid Current	0.000	mA

Intake Air Charge Temp	66.20	°F

Freeze Frame #1

CODE: U1442 | ECU: PCM

NAME	VALUE	UNITS
Ethanol Gas For Sure	No	
Ethanol Fine Tune Complete Prev	No	
Current Adaptive Cell ID	01	
Engine Coolant Temperature	63	°F
Fuel Type Being Used	Gasoline	
Calculated MAP	6.7	PSI
Throttle Outlet Pressure	7	PSI
Fuel Tank Pressure	1740.00	Pa
Engine Load	17.6	%
ETC Motor Duty Cycle	9.7	%DC
Relative Throttle Position	6.27	%
TPS 1 Voltage	0.8137	Volts
TPS 2 Voltage	4.1663	Volts
Phi Adaption Value	0.02740	Mult
Short Term Fuel Trim - Bank 1	-0.0	%
AC Switch	On	
Cooled EGR Temp	-26	deg C/s
Throttle Outlet Temp	-40	°F
MAP	4	PSI
Commanded Equivalence Ratio	1.00	
Spark Advance	22.5	degrees
Throttle Flow Adaptive	-1.227	g/s
APP 2 Voltage	0.2004	Volts
Ambient Air Temperature	64	°F
Commanded EGR Duty Cycle	0.00	%
Fuel Rail Pressure	606	kPa
Vacuum	16.11	in Hg
Air Charge Temp - Bank 1	64	°F
Closed Loop - Bank 1	False	
Mass Airflow Rate	0.00	g/s
Throttle Inlet Pressure	14.4	PSI
Actual Torque	-12.54	Ft-Lbs
APP Pedal Percent	0.00	%
Fuel Rail Pressure	0	PSI
Low Ethanol Therm Mgmnt Flag	No	
Ethanol Trigger On Fuel Vol Fault	No	
MAP - Bank 2	7	PSI
PCM Mileage Since MIL On	0.0000	miles
Long Term Fuel Trim - Bank 2	-3.1	%

Barometric Pressure	15	PSI
AC Clutch	Disengaged	
Turbo Torque Count	0	Counts
Intermediate MAP	7	PSI
Freeze Frame DTC Priority	03	
Purge Solenoid Current	0.000	mA
Commanded Throttle Actuator Control	6.27	%
Long Term Fuel Trim - Bank 1	-3.1	%
Vehicle Speed	0	MPH
Potential Torque	51.45	Ft-Lbs
Closed Loop with DTC - Bank 1	False	
Ignition Run/Start Switch	On	
Turbo Boost Timer	0.00	ms
Battery Voltage	13.4033	Volts
H-Bridge Circuit	Enable	
Brake Switch 1	Released	
Control Module Volts	13.665	Volts
Absolute Load Value	32	%
Fuel Level Percent	54.9	%
Turbo PRatio	0	PRatio
Alcohol Fuel Percent	0.00	%
Purge Duty Cycle	0.0	%
Brake Switch Pressed	No	
Catalyst Temp	64	°F
PCM Odometer	294.9120	miles
MAP - Bank 1	7	PSI
Air Charge Temp - Bank 2	-40	°F
Intake Air Charge Temp	64	°F
Engine RPM	1626.00	rpm
Freeze Frame Caused by DTC	D4 42	
Time Since Run / Start	1	seconds
MAP Voltage	0.57	Volts
EGR Error	-0.0	%
Low Ethanol PWR Enrich Flag	No	
Brake Switch 2	Released	
Throttle Flow Multiplicative Adaptive	0.02682	Mult
Turbo Airport Mass Flow	5.1641	g/s
ETC Motor Directional Duty Cycle	-9.7	%DC
APP 1 Voltage	0.4008	Volts

Freeze Frame #2

CODE: U1186 | ECU: PCM

NAME	VALUE	UNITS
Fuel Rail Pressure	0	PSI

Fuel Tank Pressure	1740.00	Pa
Long Term Fuel Trim - Bank 1	-0.0	%
Battery Voltage	14.7004	Volts
Throttle Flow Multiplicative Adaptive	0.02682	Mult
MAP - Bank 2	9	PSI
Brake Switch 2	Released	
Turbo Airport Mass Flow	9.2891	g/s
APP 2 Voltage	0.2004	Volts
Throttle Outlet Temp	-40	°F
Intermediate MAP	9	PSI
Commanded Equivalence Ratio	1.00	
Calculated MAP	9.6	PSI
MAP - Bank 1	9	PSI
Absolute Load Value	59	%
Ethanol Gas For Sure	No	
Fuel Level Percent	54.9	%
Control Module Volts	14.700	Volts
Purge Solenoid Current	0.000	mA
ETC Motor Duty Cycle	13.0	%DC
Air Charge Temp - Bank 1	64	°F
Turbo Torque Count	0	Counts
Purge Duty Cycle	0.0	%
AC Switch	On	
Actual Torque	10.53	Ft-Lbs
Throttle Flow Adaptive	-1.227	g/s
Throttle Outlet Pressure	9	PSI
Ignition Run/Start Switch	On	
APP 1 Voltage	0.4008	Volts
PCM Odometer	294.9120	miles
Engine Coolant Temperature	63	°F
Time Since Run / Start	5	seconds
Freeze Frame Caused by DTC	D1 86	
Vacuum	10.15	in Hg
Low Ethanol PWR Enrich Flag	No	
Vehicle Speed	0	MPH
ETC Motor Directional Duty Cycle	13.0	%DC
TPS 1 Voltage	0.9601	Volts
Current Adaptive Cell ID	05	
Cooled EGR Temp	-26	deg C/s
TPS 2 Voltage	4.0150	Volts
Relative Throttle Position	9.02	%
Short Term Fuel Trim - Bank 1	-0.0	%
Alcohol Fuel Percent	0.00	%
Brake Switch 1	Released	

Mass Airflow Rate	0.00	g/s
AC Clutch	Disengaged	
Closed Loop - Bank 1	False	
Catalyst Temp	72	°F
Brake Switch Pressed	No	
PCM Mileage Since MIL On	0.0000	miles
Low Ethanol Therm Mgmnt Flag	No	
Phi Adaption Value	0.02740	Mult
Commanded EGR Duty Cycle	0.00	%
Engine RPM	1608.00	rpm
Closed Loop with DTC - Bank 1	False	
Barometric Pressure	15	PSI
Air Charge Temp - Bank 2	-40	°F
Freeze Frame DTC Priority	03	
Ambient Air Temperature	64	°F
Fuel Type Being Used	Gasoline	
Turbo Boost Timer	0.00	ms
Commanded Throttle Actuator Control	9.02	%
Ethanol Trigger On Fuel Vol Fault	No	
Potential Torque	94.31	Ft-Lbs
Turbo PRatio	1	PRatio
Engine Load	31.8	%
MAP Voltage	0.82	Volts
Intake Air Charge Temp	64	°F
Ethanol Fine Tune Complete Prev	No	
Spark Advance	-16.0	degrees
MAP	6	PSI
Fuel Rail Pressure	522	kPa
APP Pedal Percent	0.00	%
H-Bridge Circuit	Enable	
EGR Error	-0.0	%
Throttle Inlet Pressure	14.5	PSI

Freeze Frame #3

CODE: P16FA | ECU: PCM

NAME	VALUE	UNITS
Commanded Equivalence Ratio	2.00	
Turbo Torque Count	0	Counts
Intake Air Charge Temp	68	°F
Brake Switch 1	Released	
Air Charge Temp - Bank 1	68	°F
Current Adaptive Cell ID	18	
Ambient Air Temperature	68	°F
Relative Throttle Position	2.75	%

Throttle Flow Multiplicative Adaptive	0.03786	Mult
Intermediate MAP	0	PSI
Fuel Rail Pressure	0	PSI
MAP - Bank 1	0	PSI
Commanded EGR Duty Cycle	0.00	%
Purge Duty Cycle	0.0	%
MAP - Bank 2	0	PSI
MAP Voltage	1.24	Volts
Fuel Tank Pressure	1750.00	Pa
Vacuum	-0.06	in Hg
Turbo PRatio	1	PRatio
Fuel Level Percent	54.9	%
Engine Coolant Temperature	133	°F
Potential Torque	0.00	Ft-Lbs
Phi Adaption Value	0.02740	Mult
ETC Motor Duty Cycle	11.3	%DC
Engine Load	0.0	%
Closed Loop - Bank 1	False	
Throttle Flow Adaptive	-1.231	g/s
Ethanol Fine Tune Complete Prev	No	
APP 2 Voltage	0.2004	Volts
Vehicle Speed	0	MPH
Closed Loop with DTC - Bank 1	False	
H-Bridge Circuit	Enable	
Air Charge Temp - Bank 2	-40	°F
Low Ethanol PWR Enrich Flag	No	
Fuel Rail Pressure	555	kPa
Ignition Run/Start Switch	On	
Battery Voltage	12.1062	Volts
Actual Torque	-18.29	Ft-Lbs
Freeze Frame DTC Priority	03	
Time Since Run / Start	0	seconds
Calculated MAP	14.6	PSI
Absolute Load Value	0	%
Fuel Type Being Used	Gasoline	
Low Ethanol Therm Mgmnt Flag	No	
EGR Error	-0.0	%
Throttle Outlet Temp	-40	°F
Turbo Boost Timer	0.00	ms
PCM Mileage Since MIL On	0.0000	miles
APP Pedal Percent	0.00	%
Ethanol Trigger On Fuel Vol Fault	No	
ETC Motor Directional Duty Cycle	-11.3	%DC
MAP	9	PSI

Long Term Fuel Trim - Bank 1	-0.0	%
Alcohol Fuel Percent	0.00	%
Cooled EGR Temp	-17	deg C/s
Ethanol Gas For Sure	No	
Turbo Airport Mass Flow	0.0000	g/s
Commanded Throttle Actuator Control	2.75	%
Brake Switch 2	Released	
Purge Solenoid Current	0.000	mA
PCM Odometer	294.9120	miles
Barometric Pressure	15	PSI
TPS 1 Voltage	0.6344	Volts
Engine RPM	0.00	rpm
APP 1 Voltage	0.4008	Volts
Brake Switch Pressed	No	
Throttle Outlet Pressure	0	PSI
Freeze Frame Caused by DTC	16 FA	
Short Term Fuel Trim - Bank 1	-0.0	%
AC Switch	On	
Throttle Inlet Pressure	14.5	PSI
Mass Airflow Rate	0.00	g/s
AC Clutch	Disengaged	
Control Module Volts	12.090	Volts
Catalyst Temp	900	°F
TPS 2 Voltage	4.3444	Volts
Spark Advance	-64.0	degrees

Freeze Frame #4

CODE: P16FA | ECU: PCM

NAME	VALUE	UNITS
Commanded EGR Duty Cycle	0	%
EGR Error	NOT-DEFINED	
Engine Load	0.0	%
MAP	9	PSI
PCM Odometer	294.9120	miles
Brake Switch 2	Released	
Time Since Run / Start	0	seconds
Brake Switch 1	Released	
Short Term Fuel Trim - Bank 1	-0.0	%
APP Pedal Percent	0.00	%
AC Switch	On	
Turbo Boost Timer	0.00	ms
Battery Voltage	12.1062	Volts
TPS 1 Voltage	0.6344	Volts
ETC Motor Duty Cycle	11.3	%DC

APP 1 Voltage	0.4008	Volts
Fuel Rail Pressure	0	PSI
Freeze Frame DTC Priority	03	
Vacuum	-0.06	in Hg
TPS 2 Voltage	4.3444	Volts
Potential Torque	0.00	Ft-Lbs
Catalyst Temp	900	°F
Turbo Airport Mass Flow	0.0000	g/s
Fuel Level Percent	54.9	%
Throttle Outlet Pressure	0	PSI
Engine Coolant Temperature	133	°F
Intermediate Manifold Air Temp	68	°F
APP 2 Voltage	0.2004	Volts
MAP Voltage	1.24	Volts
Intermediate MAP	0	PSI
Turbo PRatio	1	PRatio
Air Charge Temp - Bank 1	68	°F
Turbo Torque Count	0	Counts
PCM Mileage Since MIL On	0.0000	miles
Cooled EGR Temp	52	deg C/s
Ambient Air Temperature	68	°F
Closed Loop - Bank 1	False	
Current Adaptive Cell ID	18	
AC Clutch	Disengaged	
Mass Airflow Rate	0.00	g/s
Engine RPM	0.00	rpm
Actual Torque	-18.29	Ft-Lbs
Relative Throttle Position	3	%
Brake Switch Pressed	No	
Closed Loop with DTC - Bank 1	False	
ETC Motor Directional Duty Cycle	-11.3	%DC
Spark Advance	-64.0	degrees
Calculated MAP	14.6	PSI
Absolute Load Value	0	%
Throttle Outlet Temp	-40	°F
Intake Air Charge Temp	68	°F
Ignition Run/Start Switch	On	
Vehicle Speed	0	MPH
Throttle Inlet Pressure	14.5	PSI
Freeze Frame Caused by DTC	16 FA	
H-Bridge Circuit	Enable	
Purge Solenoid Current	0.000	mA
Barometric Pressure	15	PSI
Purge Duty Cycle	0.0	%

Long Term Fuel Trim - Bank 1	-0.0	%

No MisFire data available

VEHICLE SCAN REPORT

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

Odometer 300.4 miles
Publication Date Jan 15, 2022, 7:59:05 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	CAN-C	68478030AN	[redacted]	[redacted]	68478030AN
PCM	Powertrain Control Module	CAN-C	68477593AM	[redacted]	[redacted]	68477593AM
ICS	Integrated Center Stack	CAN-I	6SX96DX9AE	[redacted]	[redacted]	6SX96DX9AE
RFH	Radio Frequency Hub	CAN-C	56029924AA	[redacted]	[redacted]	56029924AA
ESM	Electronic Shifter	CAN-C	04670716AC		[redacted]	04670716AC
DTCM	Drive Train Control Module	CAN-C	68547688AB	[redacted]	[redacted]	68547688AB
ORC	Occupant Restraint	CAN-C	68526670AB	[redacted]	[redacted]	68526670AB
EPS	Electric Power Steering	CAN-C	68529427AC	[redacted]	[redacted]	68529427AC
HVAC	Heat, Ventilation and A/C	CAN-I	68496562AC	[redacted]	[redacted]	68496562AC
PTCM	Power Top Control Module	CAN-I	68371772AB	[redacted]	[redacted]	68371772AB
AMP	Amplifier	CAN-I	68549084AA	[redacted]	[redacted]	68549084AA
IPC	Instrument Panel Cluster	CAN-C	68499481AE	[redacted]	[redacted]	68499481AE
PTS	Parktronics	CAN-C	68441031AC	[redacted]	[redacted]	68441031AC
SCCM	Steering Column Control Module	CAN-C	68526260AA	[redacted]	[redacted]	68526260AA
BCM	Body Controller	CAN-C	68496169AF	[redacted]	[redacted]	68496168AF
RADIO	Radio	CAN-I	68472587AI	[redacted]	[redacted]	68472587AI
OCM	Occupant Classification	CAN-C	68403128AA	[redacted]	[redacted]	68403128AA
LBSS	Left Blind Spot Sensor	CAN-I	68454896AA	[redacted]	[redacted]	68454896AA
RBSS	Right Blind Spot Sensor	CAN-I	68454896AA	[redacted]	[redacted]	68454896AA
BPCM	Battery Pack Control Module	CAN-C	05193168AG	[redacted]	[redacted]	05193168AG

HCP	Hybrid Control Processor	CAN-C	05185101AF	[redacted]	[redacted]	68451035AR
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185101AF	[redacted]	[redacted]	68498791AR
ABSO	Anti Lock Brakes OBD	CAN-C	68395967AN	[redacted]	[redacted]	68395967AN
SGW	Security Gateway Module	CAN-C	68488416AB		[redacted]	68488416AB
DPDM	Driver Presence Detection Module	CAN-C	68403129AA	[redacted]	[redacted]	68403129AA
DASM	Driver Assistance System Module	CAN-C				
IDCM	Integrated Dual Charge Module	CAN-C	05185035AP	[redacted]	[redacted]	—

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
TCM	USA / USA	13 05 0E	15 19 00	4700	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	
PTCM	USA	11 1A 21	12 12 60	4101	
AMP	USA	21 01 01	15 0B 00	4034	
IPC	USA	17 17 01	15 0F 01	4805	
PTS	USA	10 32 01	13 24 03	4401	
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	
LBSS	USA	11 23 01	12 25 00	4204	
RBSS	USA	11 23 01	12 25 00	4204	
BPCM	Rest of world / ROW	13 0C 04	15 06 43	5701	
HCP	USA	15 0C 04	15 11 63	5403	
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	
DASM					
IDCM	—	—	—	4000	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
TCM	U0001-00	CAN C Bus-	Stored
TCM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
PCM	P16FA	Engine Disabled, No Immobilizer Signal from HCP	Active
PCM	U1186	Lost ACC Torque Message	Active
PCM	U0594	Implausible Data Received From Hybrid Control Module	Active
PCM	U0405	Invalid Data Received From Cruise Control Module	Active
PCM	U1442	Implausible Data Received from Driver Presence Detection Module	Active
PCM	U1412	Implausible Vehicle Speed Signal Received	Stored
PCM	U0416	Implausible Data Received from ESP	Stored
PCM	U1431	Implausible ACC Torque Message Received	Stored
PCM	U0402	Implausible Data Received From TCM	Stored
RFH	C1501-31	Tire Pressure Sensor 1-No Signal	Stored
RFH	C1502-31	Tire Pressure Sensor 2-No Signal	Stored
RFH	C151D-00	Tire Pressure Sensor Location Undetermined-	Active
ESM	U0002-00	CAN C Bus Off Performance-	Stored
EPS	U0212-00	Lost Communication With Steering Column Control Module-	Stored
EPS	U0121-00	Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-	Stored
EPS	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
IPC	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
IPC	U0594-00	Implausible Data Received From Hybrid Control Module "A"-	Stored
IPC	U1492-00	Implausible Data Received from Collision Mitigation Module-	Active
IPC	U121A-00	Lost Communication with Collision Mitigation Module-	Active
PTS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
SCCM	U0002-00	CAN C Bus Off Performance-	Stored
BCM	U0002-00	CAN C Bus Off Performance-	Stored
RADIO	U0293-00		Stored
LBSS	U0140-00	Lost Communication With Body Control Module-	Stored
RBSS	U0140-00	Lost Communication With Body Control Module-	Stored
HCP	P0513-00	Invalid SKIM Key-	Active
HCP	P1AC6-00	MCPA Crankshaft Position Signal Sensor Performance-	Active
HCP	U0001-00	CAN C Bus-	Stored
HCP	U0100-00	Lost Communication With ECM/PCM "A"-	Pending
HCP	U0401-00	Implausible Data Received From ECM/PCM "A"-	Active
HCP	U0402-00	Implausible Data Received From TCM-	Active
HCP	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Active
ABSO	U0002-00	CAN C Bus Off Performance-	Stored
ABSO	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
ABSO	U0212-00	Lost Communication With Steering Column Control Module-	Stored
ABSO	U0151-00	Lost Communication with Occupant Restraint Controller (ORC)-	Stored
ABSO	U0101-00	Lost Communication with TCM-	Stored
ABSO	U0402-00	Implausible Data Received From TCM-	Stored
ABSO	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
ABSO	U1216-00	Lost Communication with Driver Assistance System Module-	Active

ABSO	C121C-00	Torque Request Signal Denied-	Active

ENVIRONMENTAL DATA SUMMARY

TCM | U0001-00 | Stored | CAN C Bus-

NAME	VALUE	UNITS
DTC	C0 01 00	
Test Failed	False	
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 - All	01	
Occurrence flag	Error	
Original Odometer Value	76497	miles
Most Recent Odometer Value	76497	miles
Frequency Counter	47	
Ignition Cycle Counter	0	

TCM | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C2 93 00	
Test Failed	False	
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 - All	01	
Occurrence flag	Error	
Original Odometer Value	76696	miles
Most Recent Odometer Value	76634	miles
Frequency Counter	4	
Ignition Cycle Counter	0	

PCM | P16FA | Active | Engine Disabled, No Immobilizer Signal from HCP

NAME	VALUE	UNITS
Number of DTC	1	
DTC	16 FA	

DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	Off	
Odometer	298.3	miles
Accumulation Timer	4	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | U1186 | Active | Lost ACC Torque Message

NAME	VALUE	UNITS
Number of DTC	1	
DTC	D1 86	
DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	Off	
Odometer	298.3	miles
Accumulation Timer	9	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | U0594 | Active | Implausible Data Received From Hybrid Control Module

NAME	VALUE	UNITS
Number of DTC	1	
DTC	C5 94	
DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	On	
Odometer	298.3	miles
Accumulation Timer	9	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | U0405 | Active | Invalid Data Received From Cruise Control Module

NAME	VALUE	UNITS
Number of DTC	1	

DTC	C4 05	
DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	Off	
Odometer	298.3	miles
Accumulation Timer	9	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | U1442 | Active | Implausible Data Received from Driver Presence Detection Module

NAME	VALUE	UNITS
Number of DTC	1	
DTC	D4 42	
DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	Off	
Odometer	298.3	miles
Accumulation Timer	10	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | U1412 | Stored | Implausible Vehicle Speed Signal Received

NAME	VALUE	UNITS
Number of DTC	1	
DTC	D4 12	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Odometer	298.3	miles
Accumulation Timer	3	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 | U0416 | Stored | Implausible Data Received from ESP

NAME	VALUE	UNITS

Number of DTC	1	
DTC	C4 16	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	Off	
Odometer	298.3	miles
Accumulation Timer	3	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 | U1431 | Stored | Implausible ACC Torque Message Received

NAME	VALUE	UNITS
Number of DTC	1	
DTC	D4 31	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	Off	
Odometer	298.3	miles
Accumulation Timer	3	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 | U0402 | Stored | Implausible Data Received From TCM

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		

RFH | C1501-31 | Stored | Tire Pressure Sensor 1-No Signal

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	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	288	miles
Most Recent Odometer Value	288	miles
Frequency Counter	1	
Ignition Cycle Counter	3	

RFH | C1502-31 | Stored | Tire Pressure Sensor 2-No Signal

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	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	288	miles
Most Recent Odometer Value	288	miles
Frequency Counter	1	
Ignition Cycle Counter	6	

RFH | C151D-00 | Active | Tire Pressure Sensor Location Undetermined-

NAME	VALUE	UNITS
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	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	

Occurrence flag	Error	
Original Odometer Value	288	miles
Most Recent Odometer Value	288	miles
Frequency Counter	1	
Ignition Cycle Counter	0	

ESM | U0002-00 | Stored | CAN C Bus Off Performance-

NAME	VALUE	UNITS
DTC	C0 02 00	
Test Failed	False	
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	
Occurrence flag	Error	
Original Odometer Value	298	miles
Most Recent Odometer Value	298	miles
Frequency Counter	255	
Ignition Cycle Counter	1	

EPS | U0212-00 | Stored | Lost Communication With Steering Column Control Module-

NAME	VALUE	UNITS
DTC	C2 12 00	
Test Failed	False	
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	False	
Occurrence flag	Error	
Original Odometer Value	298	miles
Most Recent Odometer Value	298	miles
Frequency Counter	2	
Ignition Cycle Counter	1	

EPS | U0121-00 | Stored | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-

NAME	VALUE	UNITS
DTC	C1 21 00	
Test Failed	False	

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	False	
Occurrence flag	Error	
Original Odometer Value	298	miles
Most Recent Odometer Value	298	miles
Frequency Counter	30	
Ignition Cycle Counter	1	

EPS | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

NAME	VALUE	UNITS
DTC	C1 00 00	
Test Failed	False	
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	False	
Occurrence flag	Error	
Original Odometer Value	298	miles
Most Recent Odometer Value	298	miles
Frequency Counter	17	
Ignition Cycle Counter	1	

IPC | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
Test Failed	False	
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	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	298	miles
Most Recent Odometer Value	298	miles

Frequency Counter	38	
Ignition Cycle Counter	1	

IPC | U0594-00 | Stored | Implausible Data Received From Hybrid Control Module "A"-

NAME	VALUE	UNITS
Test Failed	False	
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	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	298	miles
Most Recent Odometer Value	298	miles
Frequency Counter	4	
Ignition Cycle Counter	2	

IPC | U1492-00 | Active | Implausible Data Received from Collision Mitigation Module-

NAME	VALUE	UNITS
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	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	298	miles
Most Recent Odometer Value	298	miles
Frequency Counter	2	
Ignition Cycle Counter	0	

IPC | U121A-00 | Active | Lost Communication with Collision Mitigation Module-

NAME	VALUE	UNITS
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	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	298	miles
Most Recent Odometer Value	298	miles
Frequency Counter	2	
Ignition Cycle Counter	0	

PTS | U0415-00 | Stored | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-

NAME	VALUE	UNITS
DTC	C4 15 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	Occurrence	
Original Odometer Value	298	miles
Most Recent Odometer Value	298	miles
Frequency Counter	4	

SCCM | U0002-00 | Stored | CAN C Bus Off Performance-

NAME	VALUE	UNITS
DTC	C0 02 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	219	miles
Most Recent Odometer Value	298	miles
Frequency Counter	13	
Ignition Cycle Counter	1	

DTC Extended Data Record Number - 2	02	
Ignition Status	Ignition Run	
Operating Voltage	12.0	Volts
Sub-Faults Saved	00 00	
Sub-Faults Active	00 01	

BCM | U0002-00 | Stored | CAN C Bus Off Performance-

NAME	VALUE	UNITS
Test Failed	False	
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	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	298	miles
Most Recent Odometer Value	298	miles
Frequency Counter	18	
Ignition Cycle Counter	1	

RADIO | U0293-00 | Stored |

NAME	VALUE	UNITS

LBSS | U0140-00 | Stored | Lost Communication With 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	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	298	miles
Most Recent Odometer Value	298	miles
Frequency Counter	1	
Operation Cycle Counter	3	

RBSS | U0140-00 | Stored | Lost Communication With Body Control Module-

NAME	VALUE	UNITS
DTC	C1 40 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	Occurrence	
Original Odometer Value	298	miles
Most Recent Odometer Value	298	miles
Frequency Counter	1	
Operation Cycle Counter	3	
DTC Extended Data Record Number - Record #2	02	
Vehicle Line	Correct	
Vehicle Config Stat	OK	
Model Year	Correct	
Country Code	Correct	
BSS Desired Operating Mode	Init	
BSS Current Operating Mode	BSM	

HCP | P0513-00 | Active | Invalid SKIM Key-

NAME	VALUE	UNITS
DTC	05 13 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	False	
DTC Extended Data Record Number	01	
Occurrence flag	Occurrence	
Original Odometer Value	300.4	miles
Most Recent Odometer Value	300.4	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Microcontroller reset reason - Core 0	Power Up	
Microcontroller reset reason - Core 1	Power Up	
Real time clock	955707072	sec

RAM stamps keyOn	225	sec
RAM Stamps	6042	Min
Accelerator Pedal Position	0	%
Barometric Pressure	15	PSI
Engine Coolant Temperature	135	°F
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH
HV Battery SOC	91	%
Brake Switch Status	Not Applied	
Battery Feed Voltage 1 Sense	13.968	Volts
Battery Feed Voltage 2 Sense	13.968	Volts
Battery Feed Voltage 3 Sense	13.896	Volts
Internal EPS Voltage Sense A	8.856	Volts
Internal EPS Voltage Sense B	8.856	Volts
Hybrid System State	High Voltage Enabled	
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	179.388	Ft-Lbs
Available Regen Torque - Motor A	-39.086	Ft-Lbs
Available Regen Torque - Motor B	-179.664	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	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor A Resolver Angle	96	Degree
Motor B Resolver Angle	Not Programmed	Degree
Motor A Temp Sensor	79	°F
Motor B Temp Sensor	66	°F
Outside Air Temperature	64.4	°F
Ignition State	Reserved	
HCP ePT Wake-Up Output	Off	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
Propulsion System Active	False	
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	391.90	Volts
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	392	Volts

PIM DC Link Voltage - B	392	Volts
Inverter A IGBT Temperature for phase A	68	°F
Inverter A IGBT Temperature for phase B	66	°F
Inverter A IGBT Temperature for phase C	64	°F
Inverter B IGBT Temperature for phase A	68	°F
Inverter B IGBT Temperature for phase B	66	°F
Inverter B IGBT Temperature for phase C	68	°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	1	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	391	Volts
HV Battery Voltage fault status	No fault	
APM HV Voltage	389	Volts
APM HV Voltage fault status	No fault	
ECH HV Voltage	394	Volts
ECH HV Voltage fault status	No fault	
EAC HV Voltage	384	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	390	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	58887	Year
GPS Date - Month	1	
GPS Date - Day	15	Days
UTC Time - Hours	12	Hours
UTC Time - Minutes	52	
UTC Time - Seconds	0	seconds

ECU Time - Milliseconds	607	ms

HCP | P1AC6-00 | Active | MCPA Crankshaft Position Signal Sensor Performance-

NAME	VALUE	UNITS
DTC	1A C6 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
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	False	
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 | U0001-00 | Stored | CAN C Bus-

NAME	VALUE	UNITS
DTC	C0 01 00	
Test Failed	False	
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	300.4	miles
Most Recent Odometer Value	300.4	miles
Frequency Counter	212	
Ignition Cycle Counter	0	
Microcontroller reset reason - Core 0	Power Up	
Microcontroller reset reason - Core 1	Power Up	
Real time clock	955707328	sec

RAM stamps keyOn	510	sec
RAM Stamps	6047	Min
Accelerator Pedal Position	0	%
Barometric Pressure	15	PSI
Engine Coolant Temperature	133	°F
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH
HV Battery SOC	91	%
Brake Switch Status	Not Applied	
Battery Feed Voltage 1 Sense	11.880	Volts
Battery Feed Voltage 2 Sense	11.880	Volts
Battery Feed Voltage 3 Sense	11.880	Volts
Internal EPS Voltage Sense A	0.000	Volts
Internal EPS Voltage Sense B	0.000	Volts
Hybrid System State	SNA	
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	0.000	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	0	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	0	AMP
Motor A Resolver Angle	96	Degree
Motor B Resolver Angle	Not Programmed	Degree
Motor A Temp Sensor	73	°F
Motor B Temp Sensor	70	°F
Outside Air Temperature	64.4	°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	False	
HV Contactor Status	Open	
HV Battery Voltage from BPCM	180.00	Volts
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	0	Volts

PIM DC Link Voltage - B	0	Volts
Inverter A IGBT Temperature for phase A	72	°F
Inverter A IGBT Temperature for phase B	70	°F
Inverter A IGBT Temperature for phase C	64	°F
Inverter B IGBT Temperature for phase A	70	°F
Inverter B IGBT Temperature for phase B	68	°F
Inverter B IGBT Temperature for phase C	70	°F
APM Status	Idle	
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	1	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	391	Volts
HV Battery Voltage fault status	No fault	
APM HV Voltage	0	Volts
APM HV Voltage fault status	No fault	
ECH HV Voltage	0	Volts
ECH HV Voltage fault status	No fault	
EAC HV Voltage	0	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	0	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	Open	
GPS Date - Year	58887	Year
GPS Date - Month	1	
GPS Date - Day	15	Days
UTC Time - Hours	12	Hours
UTC Time - Minutes	57	
UTC Time - Seconds	0	seconds

ECU Time - Milliseconds	405	ms

HCP | U0100-00 | Pending | Lost Communication With ECM/PCM "A"-

NAME	VALUE	UNITS
DTC	C1 00 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
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	False	
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 | U0401-00 | Active | Implausible Data Received From ECM/PCM "A"-

NAME	VALUE	UNITS
DTC	C4 01 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
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	False	
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 | U0402-00 | Active | Implausible Data Received From TCM-

NAME	VALUE	UNITS
DTC	C4 02 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
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	False	
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 | U0415-00 | Active | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-

NAME	VALUE	UNITS
DTC	C4 15 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	300.4	miles
Most Recent Odometer Value	300.4	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Microcontroller reset reason - Core 0	Power Up	
Microcontroller reset reason - Core 1	Power Up	
Real time clock	955706880	sec

RAM stamps keyOn	15	sec
RAM Stamps	6039	Min
Accelerator Pedal Position	0	%
Barometric Pressure	15	PSI
Engine Coolant Temperature	63	°F
Engine Speed	1608	rpm
Vehicle Speed	0.4078	MPH
HV Battery SOC	91	%
Brake Switch Status	Not Applied	
Battery Feed Voltage 1 Sense	14.400	Volts
Battery Feed Voltage 2 Sense	14.400	Volts
Battery Feed Voltage 3 Sense	14.328	Volts
Internal EPS Voltage Sense A	8.856	Volts
Internal EPS Voltage Sense B	8.856	Volts
Hybrid System State	Propulsion System Active	
Actual Torque - Motor A	-8.573	Ft-Lbs
Actual Torque - Motor B	13.459	Ft-Lbs
Available Motor Torque - Motor A	39.086	Ft-Lbs
Available Motor Torque - Motor B	179.388	Ft-Lbs
Available Regen Torque - Motor A	-39.086	Ft-Lbs
Available Regen Torque - Motor B	-0.277	Ft-Lbs
Commanded Torque - Motor A	-8.665	Ft-Lbs
Commanded Torque - Motor B	14.104	Ft-Lbs
Motor A - Inverter Current - phase A	-24	AMP
Motor A - Inverter Current - phase B	36	AMP
Motor A - Inverter Current - phase C	-20	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor A Resolver Angle	216	Degree
Motor B Resolver Angle	Not Programmed	Degree
Motor A Temp Sensor	70	°F
Motor B Temp Sensor	64	°F
Outside Air Temperature	64.4	°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	392.30	Volts
Electric Motor A Speed	3838.5	rpm
Electric Motor B Speed	14.5	rpm
PIM DC Link Voltage - A	392	Volts

PIM DC Link Voltage - B	392	Volts
Inverter A IGBT Temperature for phase A	72	°F
Inverter A IGBT Temperature for phase B	70	°F
Inverter A IGBT Temperature for phase C	66	°F
Inverter B IGBT Temperature for phase A	66	°F
Inverter B IGBT Temperature for phase B	63	°F
Inverter B IGBT Temperature for phase C	66	°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	1	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	392	Volts
HV Battery Voltage fault status	No fault	
APM HV Voltage	392	Volts
APM HV Voltage fault status	No fault	
ECH HV Voltage	395	Volts
ECH HV Voltage fault status	No fault	
EAC HV Voltage	388	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	391	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	58887	Year
GPS Date - Month	1	
GPS Date - Day	15	Days
UTC Time - Hours	12	Hours
UTC Time - Minutes	49	
UTC Time - Seconds	0	seconds

ECU Time - Milliseconds	411	ms

ABSO | U0002-00 | Stored | CAN C Bus Off Performance-

NAME	VALUE	UNITS
DTC	C0 02 00	
Test Failed	False	
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	
Occurrence flag	Error	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	169	miles
Most Recent Odometer Value	298	miles
Frequency Counter	255	
Ignition Cycle Counter	1	
Fault Time	356.80	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	5.00	°
Longitudinal Acceleration	-0.38	m/s^2
Yaw Rate	0.37	°/s
Supplier Internal Code	6959	

ABSO | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

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

Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Error	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	149	miles
Most Recent Odometer Value	298	miles
Frequency Counter	255	
Ignition Cycle Counter	0	
Fault Time	384.20	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	5.00	°
Longitudinal Acceleration	-0.38	m/s^2
Yaw Rate	0.24	°/s
Supplier Internal Code	13057	

ABSO | U0212-00 | Stored | Lost Communication With Steering Column Control Module-

NAME	VALUE	UNITS
DTC	C2 12 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	
Occurrence flag	Error	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	169	miles

Most Recent Odometer Value	298	miles
Frequency Counter	43	
Ignition Cycle Counter	10	
Fault Time	264.00	S
Current System Mode	CAN active	
Previous System Mode	Ignition Run	
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	5.00	°
Longitudinal Acceleration	-0.38	m/s^2
Yaw Rate	0.37	°/s
Supplier Internal Code	13067	

ABSO | U0151-00 | Stored | Lost Communication with Occupant Restraint Controller (ORC)-

NAME	VALUE	UNITS
DTC	C1 51 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	169	miles
Most Recent Odometer Value	298	miles
Frequency Counter	54	
Ignition Cycle Counter	5	
Fault Time	312.60	S
Current System Mode	CAN active	
Previous System Mode	Ignition Run	
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	5.00	°
Longitudinal Acceleration	-0.35	m/s^2
Yaw Rate	0.24	°/s
Supplier Internal Code	13082	

ABSO | U0101-00 | Stored | Lost Communication with TCM-

NAME	VALUE	UNITS
DTC	C1 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	199	miles
Most Recent Odometer Value	298	miles
Frequency Counter	3	
Ignition Cycle Counter	38	
Fault Time	18.60	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	5.00	°
Longitudinal Acceleration	-0.35	m/s^2
Yaw Rate	0.37	°/s
Supplier Internal Code	13101	

ABSO | U0402-00 | Stored | Implausible Data Received From TCM-

NAME	VALUE	UNITS
DTC	C4 02 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	159	miles
Most Recent Odometer Value	298	miles
Frequency Counter	243	
Ignition Cycle Counter	8	
Fault Time	1754.20	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	19.00	°
Longitudinal Acceleration	-0.33	m/s^2
Yaw Rate	0.37	°/s
Supplier Internal Code	13105	

ABSO | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C2 93 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	

Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Error	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	169	miles
Most Recent Odometer Value	298	miles
Frequency Counter	255	
Ignition Cycle Counter	1	
Fault Time	363.20	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	5.00	°
Longitudinal Acceleration	-0.38	m/s^2
Yaw Rate	0.37	°/s
Supplier Internal Code	13109	

ABSO | U1216-00 | Active | Lost Communication with Driver Assistance System Module-

NAME	VALUE	UNITS
DTC	D2 16 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	
Occurrence flag	Error	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	149	miles
Most Recent Odometer Value	298	miles
Frequency Counter	255	

Ignition Cycle Counter	0	
Fault Time	387.40	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	5.00	°
Longitudinal Acceleration	-0.38	m/s^2
Yaw Rate	0.37	°/s
Supplier Internal Code	13140	

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	169	miles
Most Recent Odometer Value	298	miles
Frequency Counter	12	
Ignition Cycle Counter	1	
Fault Time	6.20	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	5.00	°
Longitudinal Acceleration	-0.38	m/s^2
Yaw Rate	0.49	°/s
Supplier Internal Code	13232	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for U0001-00

No Snapshot Data available for U0293-00

No Snapshot Data available for P16FA

No Snapshot Data available for U1186

No Snapshot Data available for U0594

No Snapshot Data available for U0405

No Snapshot Data available for U1442

No Snapshot Data available for U1412

No Snapshot Data available for U0416

No Snapshot Data available for U1431

No Snapshot Data available for U0402

No Snapshot Data available for C1501-31

No Snapshot Data available for C1502-31

No Snapshot Data available for C151D-00

No Snapshot Data available for U0002-00

No Snapshot Data available for U0212-00

No Snapshot Data available for U0121-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0594-00

No Snapshot Data available for U1492-00

No Snapshot Data available for U121A-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U0002-00

No Snapshot Data available for U0002-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0140-00

No Snapshot Data available for P0513-00

No Snapshot Data available for P1AC6-00

No Snapshot Data available for U0001-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0401-00

No Snapshot Data available for U0402-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U0002-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0212-00

No Snapshot Data available for U0151-00

No Snapshot Data available for U0101-00

No Snapshot Data available for U0402-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U1216-00

No Snapshot Data available for C121C-00