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VEHICLE SCAN REPORT

Vehicle 2013 JEEP GRAND CHEROKEE 5.7L V8 HEMI MDS V.V.T. (EZH)
VIN [redacted]

Odometer 100461.2 km
Publication Date Jul 12, 2022, 4:06:23 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
ORC	Occupant Restraint	CAN-C	68025632AK	[redacted]		68025632AK
HVAC	Heat, Ventilation and A/C	CAN-I	68111110AQ			68111110AQ
RADIO	Radio	CAN-I	05091659AC			—
HSM	Heated Seat Module	CAN-I	05026633AL			05026633AL
ABS	Anti Lock Brakes	CAN-C	68164629AB			68164629AB
PCM	Powertrain Control Module	CAN-C	68170423AB			54
AMP	Amplifier	CAN-I	05064390AM			05064390AM
MSMD	Memory Seat Module - Driver	CAN-I	05026614AM			05026614AM
WCM	Wireless Control	CAN-C	05026535AJ			05026535AJ
CCN	Instrument Cluster/Cabin Compartment Node	CAN-I	05091863AA			05091863AA
PTS	Parktronics	CAN-I	56054147AG			56054147AG
AHBM	Automatic High Beam	CAN-B	57010732AE			57010732AE
SAS	Steering Angle Sensor	CAN-C	56046237AD			56046237AD
PLGM	Power Liftgate	CAN-I	05026480AO			05026480AO
TIPMCGW	Central Gateway	CAN-D	68166106AB			68166106AB
DMFL	Door Module Front Left	CAN-I	68055299AK			68055299AK
DMFR	Door Module Front Right	CAN-I	68055298AK			68055298AK
AHLM	Headlamp Leveling	CAN-C	05182296AC			05182296AC
DTCM	Drive Train Control Module	CAN-C	56029423AK			56029423AK

PEM	Passive Entry Module	CAN-B	68052899AI	[redacted]	68052899AI
TPM	Tire Pressure Monitor	CAN-C	56029401AH		56029401AH
ASCM	Air Suspension Control Module	CAN-C	56029558AI		56029558AI
ELSD	Electronic Limited Slip Differential	CAN-C	04854777AF		04854777AF

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
ORC	USA	00 00	32 30 00	0305	
HVAC	USA	0C 19 01	0C 17 01	1003	
RADIO	USA	04 12	02 01 26	0300	
HSM	USA	0B 15 00	0B 17 00	0203	
ABS		12 29 00	0C 1F 02	1001	
PCM	USA	14 2F	11 02 00	22A6	68B483BD
AMP	USA	0808	016010	0205	
MSMD	USA	0A 13 00	0B 03 00	0201	
WCM	USA	12 00	10 30 11	0507	
CCN	USA	05 00	59 03 10	0909	
PTS	USA	08 18 01	0A 08 02	0401	
AHBM	Reserved	09 26 00	0A 28 00	0301	
SAS	USA	0A 1D 00	09 27 00	0303	
PLGM	USA	09 31 00	12 06 01	0302	
TIPMCGW	USA	01 10	03 02 00	0807	
DMFL	USA	08 10 00	11 47 00	0902	
DMFR	USA	08 10 00	11 47 00	0902	
AHLM	Reserved	08 32 00	0B 22 FF	0302	
DTCM		03 11 00	0C 22 00	0200	
PEM		10 03 06	11 06 00	0203	
TPM		07 24 03	0B 25 00	0105	
ASCM		09 01 00	0C 04 00	0108	
ELSD		10 02 00	0A 10 00	0100	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
RADIO	B1430	Satellite Radio Antenna Internal Performance	Stored
PCM	P0456	Evap System Small Leak	Stored
PLGM	B1963-00	Power Liftgate Strut Performance-	Stored
PLGM	B196A-00	Power Liftgate Close Direction Overcurrent-	Stored
DMFL	B21A1-00	ECU Reset/Recovery Occurred-	Stored
DTCM	C2221-00	ELSD DTC Present-	Stored
ASCM	C1562-98	Ride Height Air Pump Control-Component or System Over Temperature	Stored
ELSD	C1490-00	Rear Differential Actuator Initialization Failure-	Stored

ELSD	C2220-00	Rear Differential ECU Internal-	Stored
ELSD	C148F-1D	Rear DIfferential Measured Motor-Circuit Current Out of Range	Stored
ELSD	U0121-00	Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-	Stored
ELSD	U0114-00	Lost Communication With Final Drive Control Module-	Stored

ENVIRONMENTAL DATA SUMMARY

RADIO | B1430 | Stored | Satellite Radio Antenna Internal Performance

NAME	VALUE	UNITS
Operation Cycle Counter	2	
DTC Readiness Flag	Complete	
Most Recent Odometer	65728	km
Occurence Flag	Fault	
Frequency Counter	1	
Warning Indicator Request State	Off	
DTC Storage State	Stored	
Original Odometer	65728	km

PCM | P0456 | Stored | Evap System Small Leak

NAME	VALUE	UNITS
Number of DTC	1	
DTC	04 56	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	Off	
Odometer	95020.8	km
Accumulation Timer	8	minutes
Ignition Key Cycles	158	
Starts Since Set Counter	156	
Key Cycles Since DTC Last Set Counter	159	
Warm Up Cycles	39	
Good Trip Counter	41	

PLGM | B1963-00 | Stored | Power Liftgate Strut Performance-

NAME	VALUE	UNITS

PLGM | B196A-00 | Stored | Power Liftgate Close Direction Overcurrent-

NAME	VALUE	UNITS

DMFL | B21A1-00 | Stored | ECU Reset/Recovery Occurred-

NAME	VALUE	UNITS
Occurrence flag	ERROR	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	

Test Failed	False	
Most Recent Odometer Value	81072	km
Confirmed DTC	True	
Original Odometer Value	81072	km
Warning Indicator Requested	False	
Pending DTC	False	
Test Not Completed This Operation Cycle	False	
Operation Cycle Counter	162	
Frequency Counter	1	
Test Failed This Operation Cycle	False	

DTCM | C2221-00 | Stored | ELSD DTC Present-

NAME	VALUE	UNITS
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	
Occurrence flag	Occurrence	
Original Odometer Value	94448	km
Frequency Counter	209	
Ignition Cycle Counter	2	

ASCM | C1562-98 | Stored | Ride Height Air Pump Control-Component or System Over Temperature

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	96880	km
Most Recent Odometer Value	97424	km
Frequency Counter	8	
Ignition Cycle Counter	35	
DTC Extended Data Record Number 2	2	
System Voltage	14.3	Volts
Vehicle Speed	60.24710	km/h

Engine RPM	1460	rpm
Compressor Temperature	13	°C
Reverse Valve 1	On	
Reverse Valve 2	On	
Reverse Valve High-Side	On	
LED Park	Off	
Ignition Run/Start	On	
LED Normal Ride Height	On	
LED Offroad 1	Off	
LED Offroad 2	Off	
FL Level	6.00	mm
FR Level	10.00	mm
RL Level	-8.00	mm
RR Level	-22.00	mm
System Pressure	9.47025	bar
FL Control Level Valve	Off	
FR Control Level Valve	Off	
RL Control Level Valve	Off	
RR Control Level Valve	Off	
Valve Control High-Side	On	
Pressure Vent Valve	Off	
Control Compressor relay	On	
Compressor Relay High-Side	On	
Current Level Status	Standard Vehicle Level	
Target Level Status	Standard Vehicle Level	
Terrain Switch	Automatic Mode / AUTO	
Transfer Case Status	Auto / AUTO	
Service Air Suspension, See Dealer now (Red)	No	
UP Button	Not Pressed	
Down Button	Not Pressed	
Brake Switch PCM	Brake Off	
Brake Switch ESP	Brake Off	
Driver Door Ajar	Closed	
Passenger Door Ajar	Closed	
Right Rear Door Ajar	Closed	
Left Rear Door Ajar	Closed	
Trunk/Liftgate Ajar	Closed	
Flipper Glass Ajar	Closed	
Hood Ajar	Closed	
IOD fuse in/out	In	
DTC	55 62 98	
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	96880	km
Most Recent Odometer Value	97424	km
Frequency Counter	8	
Ignition Cycle Counter	35	
DTC Extended Data Record Number 2	2	
System Voltage	14.3	Volts
Vehicle Speed	60.24710	km/h
Engine RPM	1460	rpm
Compressor Temperature	13	°C
Reverse Valve 1	On	
Reverse Valve 2	On	
Reverse Valve High-Side	On	
LED Park	Off	
Ignition Run/Start	On	
LED Normal Ride Height	On	
LED Offroad 1	Off	
LED Offroad 2	Off	
FL Level	6.00	mm
FR Level	10.00	mm
RL Level	-8.00	mm
RR Level	-22.00	mm
System Pressure	9.47025	bar
FL Control Level Valve	Off	
FR Control Level Valve	Off	
RL Control Level Valve	Off	
RR Control Level Valve	Off	
Valve Control High-Side	On	
Pressure Vent Valve	Off	
Control Compressor relay	On	
Compressor Relay High-Side	On	
Current Level Status	Standard Vehicle Level	
Target Level Status	Standard Vehicle Level	
Terrain Switch	Automatic Mode / AUTO	
Transfer Case Status	Auto / AUTO	
Service Air Suspension, See Dealer now (Red)	No	
UP Button	Not Pressed	
Down Button	Not Pressed	

Brake Switch PCM	Brake Off	
Brake Switch ESP	Brake Off	
Driver Door Ajar	Closed	
Passenger Door Ajar	Closed	
Right Rear Door Ajar	Closed	
Left Rear Door Ajar	Closed	
Trunk/Liftgate Ajar	Closed	
Flipper Glass Ajar	Closed	
Hood Ajar	Closed	
IOD fuse in/out	In	

ELSD | C1490-00 | Stored | Rear Differential Actuator Initialization Failure-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - Record #1	01	
Occurrence flag	ERROR	
Original Odometer Value	94448	km
Most Recent Odometer Value	100432	km
Frequency Counter	107	
Operation Cycle Counter	96	
DTC Extended Data Record Number - Record #2 (Original)	02	
Battery Voltage	12.1	V
Requested torque	0	NM
Left Rear Wheel Speed	4	km/h
Right Rear Wheel Speed	4	km/h
Engine RPM	896.0000	rpm
Actual Torque	0	NM
Actual Servo Motor Position	-20	Deg
Actual Servo Motor Current	-0.42	A
Actual State Of Magnetic Brake	magnetic brake not active	
Servo Motor Temperature	8	°C
Clutch Temperature	10	°C
Torque Availibility Percentage	100	%
ELSD System State	ELSD Initalization	
Hardware Version	02	
DTC Extended Information 1	0	Counts
DTC Extended Information 2	0	Counts
DTC Extended Information 3	0	Counts

ELSD | C2220-00 | Stored | Rear Differential ECU Internal-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - Record #1	01	
Occurrence flag	ERROR	
Original Odometer Value	94640	km
Most Recent Odometer Value	100400	km
Frequency Counter	62	
Operation Cycle Counter	91	
DTC Extended Data Record Number - Record #2 (Original)	02	
Battery Voltage	12.1	V
Requested torque	0	NM
Left Rear Wheel Speed	0	km/h
Right Rear Wheel Speed	0	km/h
Engine RPM	1152.0000	rpm
Actual Torque	0	NM
Actual Servo Motor Position	-20	Deg
Actual Servo Motor Current	-0.42	A
Actual State Of Magnetic Brake	magnetic brake aktive	
Servo Motor Temperature	24	°C
Clutch Temperature	24	°C
Torque Availibility Percentage	100	%
ELSD System State	ELSD is active	
Hardware Version	02	
DTC Extended Information 1	69	Counts
DTC Extended Information 2	0	Counts
DTC Extended Information 3	0	Counts

ELSD | C148F-1D | Stored | Rear DIfferential Measured Motor-Circuit Current Out of Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - Record #1	01	
Occurrence flag	ERROR	
Original Odometer Value	94480	km
Most Recent Odometer Value	100448	km
Frequency Counter	104	
Operation Cycle Counter	98	

DTC Extended Data Record Number - Record #2 (Original)	02	
Battery Voltage	13.7	V
Requested torque	0	NM
Left Rear Wheel Speed	7	km/h
Right Rear Wheel Speed	7	km/h
Engine RPM	1376.0000	rpm
Actual Torque	240	NM
Actual Servo Motor Position	1100	Deg
Actual Servo Motor Current	-0.42	A
Actual State Of Magnetic Brake	magnetic brake not active	
Servo Motor Temperature	44	°C
Clutch Temperature	44	°C
Torque Availibility Percentage	100	%
ELSD System State	ELSD permanent error position open	
Hardware Version	02	
DTC Extended Information 1	0	Counts
DTC Extended Information 2	0	Counts
DTC Extended Information 3	0	Counts

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - Record #1	01	
Occurrence flag	Occurrence	
Original Odometer Value	98624	km
Most Recent Odometer Value	98624	km
Frequency Counter	1	
Operation Cycle Counter	73	
DTC Extended Data Record Number - Record #2 (Original)	02	
Battery Voltage	12.6	V
Requested torque	0	NM
Left Rear Wheel Speed	0	km/h
Right Rear Wheel Speed	0	km/h
Engine RPM	768.0000	rpm
Actual Torque	0	NM
Actual Servo Motor Position	-20	Deg
Actual Servo Motor Current	-0.42	A
Actual State Of Magnetic Brake	magnetic brake not active	
Servo Motor Temperature	58	°C
Clutch Temperature	58	°C

Torque Availibility Percentage	100	%
ELSD System State	ELSD Initalization	
Hardware Version	02	
DTC Extended Information 1	0	Counts
DTC Extended Information 2	0	Counts
DTC Extended Information 3	0	Counts

ELSD | U0114-00 | Stored | Lost Communication With Final Drive Control Module-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - Record #1	01	
Occurrence flag	Occurrence	
Original Odometer Value	98624	km
Most Recent Odometer Value	98624	km
Frequency Counter	1	
Operation Cycle Counter	73	
DTC Extended Data Record Number - Record #2 (Original)	02	
Battery Voltage	12.6	V
Requested torque	0	NM
Left Rear Wheel Speed	0	km/h
Right Rear Wheel Speed	0	km/h
Engine RPM	768.0000	rpm
Actual Torque	0	NM
Actual Servo Motor Position	-20	Deg
Actual Servo Motor Current	-0.42	A
Actual State Of Magnetic Brake	magnetic brake not active	
Servo Motor Temperature	58	°C
Clutch Temperature	58	°C
Torque Availibility Percentage	100	%
ELSD System State	ELSD Initalization	
Hardware Version	02	
DTC Extended Information 1	0	Counts
DTC Extended Information 2	0	Counts
DTC Extended Information 3	0	Counts

SNAPSHOT DATA SUMMARY

No Snapshot Data available for B1430

No Snapshot Data available for P0456

No Snapshot Data available for B1963-00

No Snapshot Data available for B196A-00

No Snapshot Data available for B21A1-00

No Snapshot Data available for C2221-00

No Snapshot Data available for C1562-98

No Snapshot Data available for C1490-00

No Snapshot Data available for C2220-00

No Snapshot Data available for C148F-1D

No Snapshot Data available for U0121-00

No Snapshot Data available for U0114-00

CONFIGURATION REPORT

Vehicle 2022 CHRYSLER PACIFICA/VOYAGER 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 138.1 miles
Publication Date Jul 7, 2022, 10:08:01 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68526772AD	[redacted]		68526772AD
PLGM	Power Liftgate	CAN-I	68466171AI			68466171AI
ICS	Integrated Center Stack	CAN-I	6XY201X8AA			6XY201X8AA
RFH	Radio Frequency Hub	CAN-C	68592117AA			68592117AA
ESM	Electronic Shifter	CAN-C	68240089AN			68240089AN
ORC	Occupant Restraint	CAN-C	68526665AB			68526665AB
EPS	Electric Power Steering	CAN-C	68525339AA			68525339AA
HVAC	Heat, Ventilation and A/C	CAN-I	52080480AB			52080480AB
DDM	Driver Door Module	CAN-I	68569329AA			68569329AA
PDM	Passenger Door Module	CAN-I	68569328AA			68569328AA
DMRL	Door Module Rear Left	CAN-I	68508894AB			68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB			68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AE			68369596AE
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AE			68369596AE
MSM	Memory Seat Module	CAN-I	68321862AD			68321862AD
CSWM	Comfort Seat Wheel Module	CAN-I	68530190AB			68530190AB
IPC	Instrument Panel Cluster	CAN-C	68529064AB			68529064AB
PTS	Parktronics	CAN-C	68485851AA			68485851AA
SCCM	Steering Column Control Module	CAN-C	68531525AA			68531525AA
BCM	Body Controller	CAN-C	68529663AD			68529663AD

ACC	Adaptive Cruise Control	CAN-C	68540436AC	[redacted]	68540436AC
RADIO	Radio	CAN-I	68581510AC		68581510AC
OCM	Occupant Classification	CAN-C	68403127AA		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AC		04672786AC
RBSS	Right Blind Spot Sensor	CAN-I	04672786AC		04672786AC
FFCM	Forward Facing Camera Module	CAN-C	68551091AA		68551091AA
BPCM	Battery Pack Control Module	CAN-C	05193186AB		05193186AB
HCP	Hybrid Control Processor	CAN-C	68540977AH		68540977AH
DSM	Display Screen Module	CAN-I	68438382AG		68438382AG
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA		6WL30PD2AA
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	68540978AH		68540978AH
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68525871AB		68525871AB
IDCM	Integrated Dual Charge Module	CAN-C	05185094AF		05185094AF

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	78 02 00	[redacted]	
PLGM	USA	0	5084		
ICS	USA	0F 0C 00	13 31 01		
RFH	USA / USA	10 17 00	15 22 00		
ESM	USA / USA	13 02 00	14 23 FF		
ORC	USA / USA	14 06 00	14 12 00		
EPS	USA / USA	14 10 00	12 1E 01		
HVAC	USA	0E 09 00	15 08 01		
DDM	USA	11 07 00	14 2A 00		
PDM	USA	11 07 00	14 2A 00		
DMRL	USA / USA	10 0B 00	14 08 00		
DMRR	USA / USA	10 0B 00	14 08 00		
PSDML	USA / USA	10 17 00	14 32 13		
PSDMR	USA / USA	10 17 00	14 32 13		

MSM	USA	0F 2B 00	15 21 00
CSWM	USA	11 2A 00	14 27 00
IPC	USA / USA	12 06 00	15 01 00
PTS	USA	0E 32 00	14 07 00
SCCM	USA	13 28 00	13 29 00
BCM	USA	0D 11 00	15 20 90
ACC	USA / USA	15 21 01	15 23 02
RADIO		65	8661
OCM	USA / USA	11 1F 01	0E 2F 02
HVACR	USA	0E 09 00	10 03 02
LBSS	USA / USA	11 30 02	15 08 00
RBSS	USA / USA	11 30 02	15 08 00
FFCM	USA / USA	11 06 00	15 0C 00
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	15 19 00
HCP	USA	11 1F 04	0F 2D 00
DSM	USA / USA	14 0C 00	15 2D 00
RCCC	USA	0F 1D 00	13 04 00
EAC	USA	0E 34 00	12 0F 00
AHCP	USA	11 1F 04	0F 2D 00
EBBM	USA	0E 19 02	14 0D 18
ABSO	USA	0E 15 02	14 1B 26
SGW		5	1137
IDCM	USA	14 2C 00	15 31 00

CONFIGURATION

PCM CONFIGURATION

NAME	VALUE	UNITS
Active Exhaust Pressure Sensor Equipped	False	
Secondary Mass Airflow Sensor Equipped	False	
Electronic Parking Brake Equipped	True	
Active Exhaust Valve(s) Equipped	False	
Wastegate HBridge Equipped	False	
Mechanical Coolant Pump Equipped	False	
Aux Coolant Pump Heater Equipped	False	
High Side Port Tumble Valve Equipped	False	
Heater Temp Control Valve Equipped	False	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
Mechanical Coolant Pump Heater Equipped	False	
WI4 Variable Valve Timing Equipped	True	
Electric Coolant Valve Equipped	False	
Dual Stage Oil Pump Equipped	True	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
Active Exhaust Pressure Sensor Equipped	False	

Unleaded Gasoline Fuel	True	
GPEC2 Equipped	False	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
Cooled EGR Equipped	False	
MTV Solenoid Equipped	False	
2.0 Liter WI4 engine	False	
Turbocharger Equipped	False	
PTO System Equipped	False	
Viscosity Sensor Equipped	False	
Vehicle Speed Sensor #1 Calculated from CAN	False	
EMAT (Getrag DCT transmission) Equipped	False	
62TE	False	
Aisin 6-Speed RWD Transmission Equipped	False	
Cummins Equipped	False	
Intake Cam 1 Equipped	True	
Intake Cam 2 Equipped	True	
Vehicle Speed Sensor #1 Calculated by ECU	False	
Wide Range O2 Sensor 2/1 Equipped	False	
ETC Cruise equipped	False	
Low Temperature Radiator Coolant Pump Equipped	False	
ZF 9-Speed Transmission Equipped	False	
Linear EGR Equipped	False	
CMCV H-Bridge Equipped	Undefined	
Supercharger Equipped	False	
Shift Indicator Lamp Equipped	False	
1 Speed Fan Mechanical Relay System Equipped	False	
Fixed displacement AC Equipped	True	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Active Grille Shutter Equipped	True	
Variable Displacement AC Equipped	False	
Linear PWM Fan Relay System Equipped	False	
AC Equipped Over Bus	False	
3.8 Liter V6 Engine	False	
Compressed Natural Gas Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Dual Speed Fuel Pump Equipped	False	
Turbine Volute Valve Actuator Equipped	Undefined	
Transmission Oil Heater Equipped	False	
2.7 Liter V6 Engine	False	
PWM Fan Motor System Equipped	True	
Operator Idle Speed Request Equipped	False	
Primary Lin Alternator Equipped	False	
Brake Pedal Sensor Equipped	False	

Fiat 940 Compact Equipped	False	
Coolant On-Off Pump Equipped	False	
Adaptive Cruise Control Hardware Equipped	False	
Sensorless FFV Enabled	False	
CUSW PROXI Write Programming Support Enabled	False	
3.2 Liter V6 Engine	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
Direct Injection Equipped	False	
Continuous Variable Transmission Equipped	False	
Electronic Coolant Pump Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
4 Speed Automatic Transmission Equipped	False	
Engine Idle Shutoff Equipped	False	
Constant Heater Temperature Control Valve Equipped	False	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
1.8 Liter WI4 engine	False	
GPEC4 Equipped	False	
WI4 Intake Flow Control Valve Equipped	False	
Yaw Rate Sensor ESC Equipped	False	
Dual Fuel Tank Equipped	False	
Electric Thermostat Heater Equipped	False	
Duty Cycle Purge Valve Equipped	True	
Knock Sensor 2 Equipped	True	
Wastegate H-Bridge Equipped	Undefined	
A/C Equipped	True	
3.7 Liter V6 Engine	False	
Engine Stop Start Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	False	
Port Flap Valve Equipped	False	
Electronic Vacuum Pump Equipped	False	
Powernet Equipped	True	
Adaptive Cruise Control Equipped	True	
ESIM Equipped	False	
Tumble Generator Valve Equipped	False	
3.3 Liter V6 Engine	False	
6.1 Liter V8 Engine	False	
Throttle Inlet Temp Sensor Equipped	False	
Unleaded diesel fuel	False	
VLP Equipped Indicator	False	
Rear Heater Equipped	False	
2 Speed Fan PWM Relay System Equipped	False	
6.2 Liter V8 Engine	False	
Auxiliary Heater Electric Water Pump Equipped	False	
VLP Is Learnable Indicator	False	

Exhaust Cam 2 Equipped	True	
Battery Temp Sensor Equipped	False	
2.4 Liter WI4 engine	False	
VMM Equipped	False	
Hybrid Electric Vehicle Equipped	True	
Trans Reverse Lockout Equipped	False	
4 Button Integrated Cruise Control	False	
40TE / 41TE / 41TEA	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
Electric Water Pump Equipped	False	
Barometric Sensor Equipped	False	
Trans Skip Shift Equipped	False	
MDS Equipped	False	
Active Exhaust Valve Equipped	False	
Starter Relay 2 Equipped	False	
Fiat VIN Learning Strategy Equipped	False	
GPEC2A Equipped	True	
HPT 6-Speed Transmission Equipped	False	
3.5 Liter V6 Engine	False	
3.0 Liter V6 Engine	False	
2 Speed Fan Mechanical Relay System Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
TIP Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
Dual Fuel Pressure Sensor Equipped	False	
Power Steering Switch Equipped	False	
AC Equipped	False	
1.0 Liter I3 Engine	False	
Coolant On-Off Valve Equipped	False	
Clutch Interlock Switch Equipped	False	
4.7 Liter V8 Engine	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
GPEC3 Equipped	False	
Electronic Throttle Control Equipped	True	
Engine Software In Package	True	
6.4 Liter V8 Engine	False	
High Side Port Tumble Valve Equipped	Undefined	
3 Speed Fan Mechanical Relay System Equipped	False	
66RFE / 68RFE	False	
42RLE	False	
Knock Sensor 1 Equipped	True	
Transmission Software Included	False	
Oil Pressure Sensor Enabled	True	

4.0 Liter I6 Engine	False	
45RFE / 545RFE / 65RFE	False	
Secondary Air Equipped	False	
Variable Speed Fuel Pump Equipped	True	
Exhaust Cam 1 Equipped	True	
ERS Equipped Indicator	False	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
CUSW (11-Bit) Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
Engine Oil Heater Cooler Equipped	True	
Police Package Equipped	False	
3.6 Liter V6 Engine	True	
Secondary Fuel Pump Equipped	False	
SRV Equipped	False	
5.7 Liter V8 Engine	False	
MultiAir Equipped	False	
Next Gen Bus Equipped	False	
VFS Actuators Available Indicator	False	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
Electronic Automatic Transmission (EATX) Equipped	False	
Active Engine Mount Equipped	False	
Linear Purge Equipped	False	
Auxiliary Coolant Pump Equipped	False	
Fan Wake Up Relay System Equipped	False	
ICC Cruise Equipped	False	
Coolant On-Off Pump Equipped	Not Equipped	
1.0 Liter I3 Engine	False	
2.0 Liter I4 Direct Injection Engine	False	
Variable Valve Lift Equipped	Not Equipped	
Primary Lin Alternator Equipped	Not Equipped	
Engine Oil Pressure Sensor Type	255	None
Cylinder Pressure Sensor Equipped	False	
Mass Airflow System Equipped	False	
CUSW 4-Button Cruise Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Bi-Directional Crank Sensor Equipped	True	
Dual Fuel Pressure Sensor Equipped	False	
INTAKE O2 SENSOR EQUIPPED	False	
5 Button Cruise (LIN) Equipped	True	
Operator Idle Speed Request Equipped	False	
Make Up Air Sensor Equipped	False	
Power Steering Angle Sensor Mandatory	False	

Clutch Sensor Equipped	False	
Brake Pedal Sensor Equipped	False	
Remote Start Present	Present	
PTO System Equipped	False	
ZF 9-Speed Trans Equipped	False	
Engine Idle Shutoff Equipped	False	
HPT 6-Speed Trans Equipped	False	
Supercharger Equipped	False	
CNG Large Gas Tank Equipped	False	
Auxillary Coolant Pump Equipped	False	
Low Temp Radiator Coolant Pump Equipped	False	
A/C Relay Powered from Engine Switched Battery	False	
Dual Fuel Tank Equipped	False	
Cooled EGR Equipped	False	
Hybrid MEC Shifter Equipped	False	
Dual Alternator Gen1 Capable	False	

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
Hardware Configuration: Trunk Door Handle H/W	Simple Switch AP	
Hardware Configuration: Remote Start Antenna	Present	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Valid Key In Ignition	Yes	
Fob Location #3 Successfully Programmed	No	
Fob Location #5 Key sense status	Fob is NOT Key Sense	
Secret Key Sent to Body Controller - Original attempt	Yes	
Fob Location #7 Key sense status	Fob is NOT Key Sense	
Fob Location #3 Key sense status	Fob is NOT Key Sense	
Fob Location #7 Successfully Programmed	No	
Fob Location #6 Successfully Programmed	No	
Fob Location #5 Successfully Programmed	No	
Fob Location #8 Key sense status	Fob is NOT Key Sense	
PIN Successfully Programmed	Yes	
RFHub Locked	RFHUB Locked after IAC write	
Fob Location #1 Key sense status	Fob is NOT Key Sense	

Fob Location #4 Key sense status	Fob is NOT Key Sense	
Fob Location #6 Key sense status	Fob is NOT Key Sense	
Fob Location #1 Successfully Programmed	Yes	
Secret Key Sent to Body Controller - Most recent attempt	Yes	
Fob Location #2 Successfully Programmed	Yes	
Fob Location #4 Successfully Programmed	No	
Fob Location #2 Key sense status	Fob is NOT Key Sense	
VIN Successfully Programmed	Yes	
Fob Location #8 Successfully Programmed	No	
Base TPM	False	
Auto Park Present	True	
e-shifter present	True	
Secret Codes Programmed	True	
KeySense Configuration	False	
Ignition system type connected	KIN system	
RKE	True	
Remote Start Present	True	
$0214 Programmed by	Programmed by Supplier EOL	
TPM Auto-Locate Enabled	True	
Keyless Go	True	
Passive Entry	True	
Hybrid Type	PHEV	
Module Configuration Status	True	
Premium TPM	True	
Back Up ECU Configuration 16	True	
Back Up ECU Configuration 14	True	
Back Up ECU Configuration 7	True	
Back Up Vehicle Config 1	True	
Back Up ECU Configuration 10	True	
Back Up ECU Configuration 11	True	
Back Up Vehicle Config 4	True	
Back Up Vehicle Config 3	True	
Back Up Customer Settings Menu 1 (CSM1)	True	
Back Up ECU Configuration 2	True	
Back Up ECU Configuration 1	True	
Back Up ECU Configuration 9	True	
Back Up Programmed ECUs: Cabin Network	True	
Back Up Vehicle Config 5	True	
Back Up ECU Configuration 3	True	
Back Up Customer Settings Menu 2 (CSM2)	True	
Back Up Vehicle Config 6	True	
Back Up ECU Configuration 12	True	
Back Up Programmed ECUs: P/T Chassis Network	True	
Back Up ECU Configuration 4	True	

Back Up ECU Configuration 17	True	
Back Up ECU Configuration 8	True	
Back Up ECU Configuration 13	True	
Back Up Vehicle Config 7	True	
Back Up ECU Configuration 5	True	
Back Up Vehicle Config 2	True	
Back Up ECU Configuration 15	True	
Back Up ECU Configuration 6	True	

ORC CONFIGURATION

NAME	VALUE	UNITS
First Row Driver Seatbelt Buckle Switch	Configured	
Driver Seat Track Position Sensor	Configured	
Second Row Left Seat Side Airbag	Not Configured	
Rollover Sensing	Configured	
Passenger Seatbelt Retractor Pretensioner	Configured	
Passenger Seatbelt Anchor Pretensioner	Configured	
Driver Seatbelt Anchor Pretensioner	Configured	
Left Side Seat Squib 1	Configured	
Driver Frontal Squib 3	Configured	
Passenger Seatbelt Load Limiter	Configured	
Passenger Occupant Detection Sensor	Not Configured	
Passenger Seatbelt Buckle Pretensioner	Not Configured	
Second Row Left seat belt Switch	Not Configured	
Left B-Pillar Impact Acceleration Sensor	Configured	
Right Up-Front Acceleration Sensor	Configured	
Configuration Column Identifier	A3	
Passenger Airbag Disable Indicator	Not Configured	
Passenger Frontal Squib 1	Configured	
Driver Frontal Squib 1	Configured	
Passenger Frontal Squib 3	Configured	
Right Side Seat Squib 1	Configured	
Second Row Right seat belt Switch	Not Configured	
Left Up-Front Acceleration Sensor	Configured	
Right Curtain Squib 1	Configured	
Left C-Pillar Impact Acceleration Sensor	Configured	
Passenger Seat Track Position Sensor	Configured	
Driver Knee Bolster Squib	Configured	
Occupant Classification (OCM)	Configured	
Passenger Frontal Squib 2	Configured	
Driver Frontal Squib 4	Not Configured	
Second Row Center seat belt Switch	Not Configured	
Left Curtain Squib 1	Configured	
Right Side Door Pressure Sensor	Configured	

First Row Passenger Seatbelt Buckle Switch	Configured	
Right B-Pillar Impact Acceleration Sensor	Configured	
Left D-Pillar Impact Acceleration Sensor	Configured	
Right D-Pillar Impact Acceleration Sensor	Configured	
Right C-Pillar Impact Acceleration Sensor	Configured	
Driver Seatbelt Load Limiter	Configured	
Driver Seatbelt Retractor Pretensioner	Configured	
Second Row Right Seat Side Airbag	Not Configured	
Passenger Frontal Squib 4	Not Configured	
Passenger Airbag Disable Switch	Not Configured	
Passenger Knee Bolster Squib	Configured	
Driver Frontal Squib 2	Configured	
Left Side Door Pressure Sensor	Configured	
EPPM	Not Configured	
Driver Seatbelt Buckle Pretensioner	Not Configured	

EPS CONFIGURATION

NAME	VALUE	UNITS
Stop/Start Feature Active	False	
Parallel Park Assist Feature Active	False	
Dynamic Steering Torque Feature Active	True	
Lane Feedback Feature Active	True	

HVAC CONFIGURATION

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

PDM CONFIGURATION

NAME	VALUE	UNITS
Frameless Window	False	

PSDML CONFIGURATION

NAME	VALUE	UNITS
VSIM Status	False	

PSDMR CONFIGURATION

NAME	VALUE	UNITS
UPFM Status (Present = True, Absent = False)	False	

MSM CONFIGURATION

NAME	VALUE	UNITS
Adjustable Pedals	False	
Telescope/Tilt	False	

CSWM CONFIGURATION

NAME	VALUE	UNITS
Vehicle Line R-Series	True	
Vehicle Line L-Series	False	
Heated Steering Wheel	True	
Vehicle Line M-Series	False	
Vehicle Line J-Series	False	
Vehicle Line W-Series	False	
Vehicle Line P-Series	False	
Vehicle Line U-Series	False	
Vehicle Line D-Series	False	
EC - Seat B	Programmed	
EC - Seat A	Programmed	

IPC CONFIGURATION

NAME	VALUE	UNITS
PHEV	True	
Rear Fog Lamp	False	

PTS CONFIGURATION

NAME	VALUE	UNITS
Front License Plate Configuration	Front Plate Config - USA	
Front System with 6 Rear Sensors	False	
Rear System with 6 Front Sensors	False	

SCCM CONFIGURATION

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

BCM CONFIGURATION

NAME	VALUE	UNITS
Number of Reprogramming Attempts - Counter #0	0	

Vehicle Configuration Programmed Status	True	
Last Programmed Status	Manufacturing	
ECU Configuration 9 (ITM)	3	
ECU Configuration 2 (CBC Features)	3	
Vehicle Config CSM2	3	
ECU Configuration 8 (LIN and Miscellaneous)	3	
Vehicle Configuration 7 - Write Counter	3	
ECU Configuration 6 (Safety)	3	
ECU Configuration 6 (Powertrain)	3	
Vehicle Configuration 5 - Write Counter	3	
ECU Configuration 5 (Memory)	3	
Programmed Network Configuration - Audio / Telematics Network	0	
ECU Configuration 5 (Wireless)	3	
Vehicle Configuration 2 - Write Counter	3	
ECU Configuration 4	3	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	3	
ECU Configuration 12	3	
Vehicle Configuration 4 - Write Counter	3	
ECU Configuration 5 (Doors)	3	
ECU Configuration 15 (CBC Features)	3	
ECU Configuration 6 (Suspension)	3	
ECU Configuration 6 (Brake)	3	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	3	
Vehicle Config CSM1	3	
Vehicle Configuration 3 - Write Counter	3	
ECU Configuration 3	3	
ECU Configuration 14	3	
Vehicle Configuration 1 - Write Counter	3	
ECU Configuration 10	3	
ECU Configuration 11	3	
Vehicle Configuration 6 - Write Counter	3	
Programmed ECUs: Cabin Network	3	
Programmed ECUs: Hybrid LAN Network	0	
Programmed ECUs: P/T Chassis Network	3	
Last Configuration Odometer	0	miles
ECU Configuration 15 (Suspension)	3	
ECU Configuration 9A	3	
ECU Configuration 13	3	
Vehicle Configuration Auto Write Counter	1	
Emode Present	Not Set	
Remote Start Present	Set	
Select Speed Control Feature Present	Not Set	
Performance Pages Present	Not Present	
Model Year	2022	

PTS Configuration	Rear / REAR	
Special Packages	74	
Auto Highbeam	Set	
Hill Descent Feature Present	Not Set	
Drive Configuration	2WD Front	
Maximum Vehicle Speed	0	MPH
Vehicle Line	RU	
Body Style	Station Wagon	
Country Code	USA	
Left/Right Hand Drive	Left Hand Drive	
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Power Inverter Type	No Power Inverter	
Max Load Inflation Pressure Front Tire	36.0	PSI
Rain Sensor Present	Set	
Off Road Capable	Not Set	
SKIM System Present	Not Set	
Air Conditioning Present	Not Set	
Thatcham Present	Not Set	
Cruise Feature is Present	Not Set	
Full Size Spare	Not Set	
Flipper Glass Present	Not Set	
Special Packages IC	Pacifica	
Max Load Inflation Pressure Rear Tire	36.0	PSI
Keyless Go Present	Set	
Power Left Sliding Door Present	Set	
Two Fuel Sending Units Present	Not Set	
ESCL system present	Not Set	
Vehicle Brand	Chrysler	
Disable Display of Radio Clock	Not Set	
HVAC Configuration	Dual Zone ATC + Rear	
Display Outside Temperature Present	Set	
Door Alert Feature Present	Not Set	
FOBIK Safe Enable	Set	
Power Right Sliding Door Present	Set	
Fuel Capacity	17	gallons
T-Case Type	Not Present / Not Present	
Vehicle is an SRT	Not Set	
Police Lighting Feature	Not Set	
Paddle Shift Feature Present	Not Set	
Liftgate/Trunk Type	Power Liftgate	
Forward Collision Warning present	Set	
Auto Park Present	Set	
RKE System Present	Set	
Secondary Lock Present	Not Set	

Passive Entry Present	Set	
ELV Present	Not Set	
Collision Mitigation System present	Set	
Chassis Type	Type 8	
Window Express Feature Configuration	Front windows express only	
Wheel Base	Wheel base not programmed / WB_NP	
Display Compass Heading Present	Set	
Sport Mode Present	Not Set	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Base TPM system present	Not Set	
High Intensity Discharge Head Lamps	Set	
Premium TPM system present	Set	
Auto Headlamp Feature Present	Set	
Transfer Case High Ratio	1.000	No Unit
Axle Ratio	3.251	
Dynamic Tire Circumference (All or Rear)	89	inch
Transfer Case Low Range Reduction Ratio	0.000	
Air Quality System Present	Not Set	
Analog Door Sensor Configuration	Driver Door Only Analog Sensor	
Steering Ratio at Negative Angle 1	0.0	No Unit
Connector A Pin 3/Connector D Pin 2: Low Beam Output Present	Set	
Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output	Not Set	
Connector D Pin 10: Trailer Tow Tail Lamp Output Present	Not Set	
Connector D Pin 9: Trailer Tow Backup Output Present	Not Set	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Not Set	
Connector F Pin 4: Liftgate Release Present	Not Set	
Connector A Pin 10/Connector D Pin 5: Side Markers Output Present	Set	
Connector G Pin 22: VTA Warning LED Output Present	Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector F Pin 8 : Liftgate Release Outside Handle Switch Present	Not Set	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Set	
Connector F Pin 35: Inverter Enable Relay Output Present	Not Set	
Connector E Pin 3/Connector F Pin 42: Rear Turn Lamps Output Present	Not Set	
Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present	Set	
Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present	Not Set	
Connector F Pin 29: Horn Switch Present	Set	
Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output Present	Set	
Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	

Connector G Pin 15: UGDO Feed Output Present	Set	
Connector E Pin 7: Left HID Relay Control Output Present	Not Set	
Connector D Pin 12: PHEV ECM Hardwire Wake Up Output Present	Set	
Connector E Pin 11: Vacuum Switch Input	Not Set	
Connector E Pin 34: Vacuum Cleaner Relay Output Present	Not Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Connector A Pin 11: Hood Ajar Switch Input Present	Set	
Connector E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	
Connector E Pin 5: PHEV Fuel Door Switch Input	Set	
Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector E Pin 8: PHEV HCP Hardwire Wakeup	Set	
Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connectro E Pin 37: Right HID Control Output Present	Not Set	
LED Rear Fog Lamps Present	Not Set	
Tip Start Enabled	Set	
Fuel Door Present	Not Set	
Trailer Tow Present	Not Set	
LED Low Beam Lamps Present	Set	
Side Repeaters Enable	Not Set	
LED CHMSL Lamp Present	Set	
LED Front Park/Marker Lamps Present	Set	
Illuminated approach Enabled	Not Set	
DRL Configuration	No DRL	
Park Lamp Loadshed Enable	Set	
Front Wiper Park Enable	Set	
Front Fog Lamp Dropout Enable	Set	
One Touch Lane Change	Set	
LED Front Turn Lamps Present	Not Set	
Combined Rear Lighting Enable	Set	
Reversible Washer Pump Enable	Set	
LED Rear Turn Lamps Present	Not Set	
Exterior Light Loadshed Enable	Set	
LED Dedicated DRL Present	Not Set	
LED Stop Lamps Present	Not Set	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
Tunnel Detection	Not Set	
Dual Start Relay System Present	Not Set	
DRL Dropout Enable	Not Set	
Quad Headlamps Enable	Set	
Front Wiper Wipes After Wash	2 Wipes	
Intermittent Wiper States	4 Intermittent Wiper position Switch	

Rear Wiper Park Enable	Set	
Hazard Lamp Configuration	Latching Switch	
LED Reverse Lamps Present	Not Set	
Headlamp Wash Shot	double	
LED High Beam Lamps Present	Set	
Bi Xenon Headlamps Enable	Not Set	
Headlamp Wash Interval	wash cycle#11	
LED Front Fog Lamps Present	Set	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	
Horn Chirp Allowed	Set	
Combined Front Park/Turn Feature Enable	Not Set	
Wiper Service Position Enabled	Not Set	
LED Tail Lamps Present	Set	
DRL Lamp Location	Low Beam DRL	
Fuel Door Release Enabled	Not Present	
LED License Lamps Present	Set	
Microphone Tuning Parameter	Absent [Not Used]	
Front Park Assist Present	Set	
Microphone Configuration	2 Microphones	
Surround Sound Feature Present	Not Set	
Disable CD Eject	Not Set	
Rear Camera Present	Set	
Heated Steering Wheel Present	Set	
Antenna Type	Active Primary and no secondary antenna	
External Port Type	AUX + USB + extra USB	
Destination	United States of America	
Power Inverter Present	Not Set	
Front Heated Seats Present	Set	
Cabin Equilization Curve Number	6 Speaker Base (RU)	
Power Door Locks Present	Set	
Microphone Type	Peiker 300 mv	
Splashscreen Type	Vehicle Brand	
Fleet Vehicle Content	Set	
AP1 Left Front	Smart Switch	
AP3 Left Rear	CAN	
Airport Scenario Trunk	Not Set	
AP5 Trunk Lock	Simple Switch	
Vehicle Variant	Undefined	
Tip Start Present	Set	
AP2 Right Front	Smart Switch	
AP4 Right Rear	CAN	
AP5 Trunk Unlock	CAN	
Driver Memory Mirrors Present	Not Set	
Global Down	Not Set	

Rear Door Pre Short Drop	Not Set	
Electro-chromatic passenger mirror present	Not Set	
Window Hall Sensors Present	Not Set	
Electro-chromatic driver mirror present	Not Set	
Tow Mirror Present	Not Set	
Frameless Window Present	Not Set	
Passenger Window Lockout	Not Set	
Blindspot Mirror Present	Set	
Passenger Memory Mirror Present	Not Set	
Puddle Lamp Present	Not Set	
Folding mirrors present	Not Set	
Window Motor Type	Not Set	
Mirror turn signals present	Set	
Global Up	Not Set	
Heated Mirrors Present	Set	
Sun Shade	Not Set	
Tilt/Telescope Steering Present	Not Set	
Memory Adjustable Pedals Present	Not Set	
Stow 'n Assist Present - Passenger	Not Set	
Heated Steering Wheel Present	Present	
Heated Seat Material Type	Perforated Leather	
Heated Wheel Material Type	Full Leather	
Stow 'n Assist Present - Driver	Set	
Front Vented Seats Present	Not Present	
Driver Memory Seat Present	Set	
Rear Heated Seats Present	Not Present	
Brake System ECU Configuration A	value 0	
Dual Alternator Present	Not Set	
ECO Mode Configuration	Remember Previous State with Ignition Key Cycle	
Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)	Right B-Pillar Sliding Door Switch	
Manual Door Locks Present	Not Set	
Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28	Set	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Rear Wiper (0)	
Connector F Pin 15: Driver Door Lock Switch Input	Not Present	
Connector F Pin 30: Fuel Door Lock (BUX)	Not Present	
Heatsoak Flush Time	105	Time
Humidy Sensor Long Present	Set	
Auto High Beam Module Location	HaLF	
Connector G Pin11/Connector G Pin 12: Not Used	ERS	
Conncetor F Pin 33: Fuel Door Unlock (BUX)	Not Present	
Connector E Pin 39: Right Rear Turn Signal	Right Rear Turn Signal	
CHMSL Lamp Output Disable	Not Set	
Rain Sensor Module #2 Present	Set	

Ambient Stable Counter Limit	40	Counter
License Plate Lamp Disable	Not Set	
Connector F Pin 29: Horn Switch Present	Horn Switch Input	
Engine Off Clear Time	180	Time
Heatsoak Set Time	15	Time
Max Engine Off Time	220	Time
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Heatsoak Speed	15	Counter
Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)	Left B-Pillar sliding Door Switch	
Connector F Pin 34: Spare HSD	Not Present	
Connector F Pin 37: Vacuum Cleaner Power Saver Indicator	Not Present	
Acceleration Factor	Filter Off	
Excess Lateral Acceleration Factor	Filter Off	
Excess Longitudinal Acceleration Factor	Filter Off	
Nose Dive Threshold	Filter Off	
Steering Smoothing Factor	Filter Off	
Average Last Lateral Acceleration Values	No Averaging	
Average Last Longitudinal Acceleration Values	No Averaging	
Acceleration Threshold	Filter Off	
Nose Dive Factor	Filter Off	
Maximum Longitudinal Change	Filter Off	
Brake Smoothing Duration	Filter Off	
Maximum Lateral Change	Filter Off	
Steering Smoothing Threshold	Filter Off	
Brake Smoothing Threshold	Filter Off	
Brake Smoothing Factor	Filter Off	
Steering Smoothing Duration	Filter Off	
VTA Hood Ajar Monitoring	Not Set	
Headlamp Soak Delay	1.0 sec	
Horn Chirp Duration	Short	
Auto High Beam OFF Threshold	20 km/hr	
Interior Lighting Day Threshold	4.27498	Volt
Parking Light Enable	Not Set	
RKE Auto-Relock Feature Enable	Not Set	
Interior Lighting Night Threshold	4.45147	Volt
Auto High Beam ON Threshold	25 km/hr	
PE Auto-Relock Feature Enable	Set	
Sunroof Present	Not Set	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Smart Alternator Present	Not Set	
Temperature Display Resolution	HaLF	
ANC Calibration Parameter Data Set	RU_PHEV_3.6L_SteelRoof_Harman_ANC_R1_Radio	
Drive Mode Version	Version 1	
Auto Dimming Mirror Hard Button Present	Set	

Surround View Camera On/Off Softkey Present	Not Set	
Radio Speaker Open Circuit Disable (RF)	Not Set	
Radio Speaker Open Circuit Disable (RR)	Not Set	
Automatic Crash Notification Feature Present	Undefined	
Radio Speaker Open Circuit Disable (LR)	Not Set	
Radio Speaker Open Circuit Disable (LF)	Not Set	
Show Phone Information in Cluster	01	
Park Assist Tuning Set	Sahara	
EAC	Set	
ECM	Set	
ESM	Set	
ORC	Set	
AHCP	Set	
ESC	Set	
HCP	Set	
APM	Set	
OBCM	Set	
BPCM	Set	
EBCM	Set	
Flash Lamps on Lock	Set	
Sound Horn On Lock Status	Chirp on 1st press/FIRST	
Sound Horn on Remote Start	Set	
Unlock all doors on 1st press	Set	
Auto Highbeam	Set	
Illuminated Approach Time	30	seconds
Headlamp Delay Time	30	seconds
Daytime Running Lamps	Set	
Sliding Door Alert	Not Set	
Auto Unlock	Set	
Auto Wipers	Set	
Hands Free Sliding Door Enable	Set	
Headlamps on with Wipers	Set	
Accessory Delay Time	45	seconds
Sliding Door Chime Enable	Set	
Sound Horn on Lock	Set	
Auto Lock	Set	
Left Low Beam Voltage Regulation	13.6 Volts	
Left High Beam Voltage Regulation	13.6 Volts	
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Left Front Corner Voltage	13.2 Volts	
Left Rear Corner Voltage	14 Volts	
Auto Headlamp On Threshold	3.31409	Volt
Right High Beam Voltage Regulation	13.8 Volts	
Auto Headlamp Off Threshold	2.54930	Volt

Right Low Beam Voltage Regulation	14 Volts	
Right Rear Corner Voltage	14 Volts	
Right Front Corner Voltage	13.4 Volts	
IBS Activate MWU	Not Set	
IBS Minimal Charge Limit	10	AmpHrs
IBS Minimum Voltage Limit	5.0	Volts
Battery Types	SNA	
Battery Type II	22	
IBS Minimum Charge Limit	600	mA
IBS Quiescence Current Limit	-250	mA
Alert On System Fault	Set	
EVIC SWS Module Present	Set	
Compass Mounting Orientation	Rightside up	
CRVMM Present	Set	
Compass Mounting Angle	0	Degree
Humidity Sensor Present	Set	
Washer Fluid Level Voltage Threshold	4.46 volts	
VTA System Present	VTA	
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
Alert no Reply	Set	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
Panic Enable	Set	
Alert On Search Timeout	Set	
HFRM Present	Not Set	
Auto Relock Time	60	seconds
OHC Module Present	Set	
IBS Present	Set	
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
Fobik Safe Alerts Per Ignition Cycle	2	
ESL	Not Set	
AHLM	Not Set	
ACC	Set	
TCM	Not Set	
OCM	Set	
IPC	Set	
RFH	Set	
EPS	Set	
PCM	Set	
ABSO	Set	
ABS	Not Set	
ORC	Set	
PTS	Set	
ESM	Set	

SCCM	Set	
BCM (PT)	Set	
FFCM	Set	
HCP	Set	
DTV	Not Set	
DMRL	Set	
EOMR	Set	
EAM	Not Set	
PLGM	Set	
PDM	Set	
ANC	Not Set	
VRM	Not Set	
CVPM	Not Set	
HSM	Set	
PSDMR	Set	
BCM (Interior Bus)	Set	
ITM	Not Set	
FSM	Not Set	
MSMP	Not Set	
HVACR	Set	
DSM	Set	
DMRR	Set	
VTM	Not Set	
Radio	Set	
MSM	Set	
EDM	Not Set	
DDM	Set	
ICS	Set	
AMP	Not Set	
PSDML	Set	
HVAC	Set	
Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel resistors	
Connector D Pin 1: Left High Beam Feed	AUX High Beam	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Stop/Start Enable Switch Present	Not Set	
Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector F Pin 42: Right Rear Turn Signal	Right Rear Turn Signal	
Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	

Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	
Connector A Pin 2: Right High Beam Feed	AUX High Beam	
Connector E Pin 1: Backup-Reverse lamp Right	Set	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	
Connector F Pin 5: Left Rear Fog Lamp	Output Disable	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	
Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Connector F Pin 41: Backup-Reverse lamp Left	Not Set	
Ultrasonics	Not Set	
Siren	Not Set	
Tilt	Not Set	
ODS Present	False	
Passive Ped Pro Present	False	
Tow Hooks Present	False	
Curtain Airbags Present	True	
1st Row Seat Side Airbags Present	True	
Integrated EPP Present	False	
Passenger Kneebag Present	True	
Driver Kneebag Present	True	
BUX Market	False	
Rear View Camera Dynamic Grid Lines Enabled	Set	
Rear View Camera Static Grid Lines Enabled	Not Set	

RADIO CONFIGURATION

NAME	VALUE	UNITS
Suspend Month	39	
Suspend Year	38	
Suspend Day	43	
Satellite Subscription Status	46	
Reason Code	2D	
Aux Jack	Not Inserted	
SD Card Readers Detected	0	No Unit
Enumerated USB Devices	0	No Unit
USB Hubs Detected	3	No Unit
Stereo Blend	Off	
Automated Loudness	On	
Front Seat Video Playback	Enabled	
Cabin EQ Curve Number Currently Used by Radio	51	events
Distortion Limiting	On	
Anti-Theft Enable Status	On	
High Cut	Off	
Clock Defeat	On	
12/24 Time Selection	12 Hour Time	

Splash Screen	Automatic

HVACR CONFIGURATION

NAME	VALUE	UNITS
MTC wo EBL (3Knob)	False	
Single Zone MTC Control (BB)	False	
MTC w EBL (3Knob)	False	
Dual Zone MTC Control (BB)	False	
DualZone ATC Control (Factory) (BB)	False	
DualZone ATC Control (BB)	False	
MTC heater only (3Knob)	False	

LBSS CONFIGURATION

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

RBSS CONFIGURATION

NAME	VALUE	UNITS
Teen Key (RU variant only)	No	
Steering Variant (LHD/RHD)	Left Hand Drive/ LHD	

FFCM CONFIGURATION

NAME	VALUE	UNITS
XCP Enabled	False	
Traceability info	22220910033602	
Traceability info	02220917750406	
HIL mode Enabled	False	

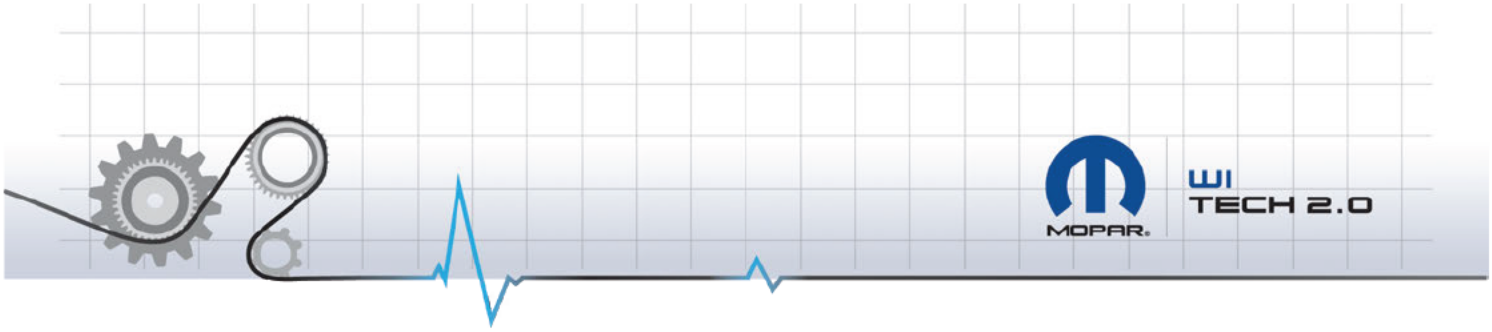
RCCC CONFIGURATION

NAME	VALUE	UNITS
MTC with EBL	False	
DualZone ATC Control	True	
MTC Heater Only	False	
Single Zone MTC Control	False	
Dual Zone MTC Control	False	
DualZone ATC Control	False	
MTC without EBL	False	

ABSO CONFIGURATION

NAME	VALUE	UNITS
Engine Displacement	3.6	No Unit

ESC BLA Enabled	False	
PN ESC Byte2	0	
PN ESC Byte1	0	
Drive Configuration	2WD Front	
Dynamic Tire Circumference	89	inch
VC Chassis Type	Type 8	
Axle Ratio	3.251	No Unit
Hardwired VSO	True	
ACC	True	
Multiple Pressure Sensors	True	
Rear Directional Sensors	True	
Feature PIN	False	
Front Directional Sensors	False	
EPB	True	



VEHICLE SCAN REPORT

Vehicle 2022 CHRYSLER PACIFICA/VOYAGER 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 138.1 miles
Publication Date Jul 7, 2022, 10:51:12 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68526772AD	[redacted]		68526772AD
PLGM	Power Liftgate	CAN-I	68466171AI			68466171AI
ICS	Integrated Center Stack	CAN-I	6XY201X8AA			6XY201X8AA
RFH	Radio Frequency Hub	CAN-C	68592117AA			68592117AA
ESM	Electronic Shifter	CAN-C	68240089AN			68240089AN
ORC	Occupant Restraint	CAN-C	68526665AB			68526665AB
EPS	Electric Power Steering	CAN-C	68525339AA			68525339AA
HVAC	Heat, Ventilation and A/C	CAN-I	52080480AB			52080480AB
DDM	Driver Door Module	CAN-I	68569329AA			68569329AA
PDM	Passenger Door Module	CAN-I	68569328AA			68569328AA
DMRL	Door Module Rear Left	CAN-I	68508894AB			68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB			68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AE			68369596AE
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AE			68369596AE
MSM	Memory Seat Module	CAN-I	68321862AD			68321862AD
CSWM	Comfort Seat Wheel Module	CAN-I	68530190AB			68530190AB
IPC	Instrument Panel Cluster	CAN-C	68529064AB			68529064AB
PTS	Parktronics	CAN-C	68485851AA			68485851AA
SCCM	Steering Column Control Module	CAN-C	68531525AA			68531525AA
BCM	Body Controller	CAN-C	68529663AD			68529663AD

ACC	Adaptive Cruise Control	CAN-C	68540436AC	[redacted]	68540436AC
RADIO	Radio	CAN-I	68581510AC		68581510AC
OCM	Occupant Classification	CAN-C	68403127AA		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AC		04672786AC
RBSS	Right Blind Spot Sensor	CAN-I	04672786AC		04672786AC
FFCM	Forward Facing Camera Module	CAN-C	68551091AA		68551091AA
BPCM	Battery Pack Control Module	CAN-C	05193186AB		05193186AB
HCP	Hybrid Control Processor	CAN-C	68540977AH		68540977AH
DSM	Display Screen Module	CAN-I	68438382AG		68438382AG
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA		6WL30PD2AA
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	68540978AH		68540978AH
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68525871AB		68525871AB
IDCM	Integrated Dual Charge Module	CAN-C	05185094AF		05185094AF

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	78 02 00	[redacted]	
PLGM	USA	0	5084		
ICS	USA	0F 0C 00	13 31 01		
RFH	USA / USA	10 17 00	15 22 00		
ESM	USA / USA	13 02 00	14 23 FF		
ORC	USA / USA	14 06 00	14 12 00		
EPS	USA / USA	14 10 00	12 1E 01		
HVAC	USA	0E 09 00	15 08 01		
DDM	USA	11 07 00	14 2A 00		
PDM	USA	11 07 00	14 2A 00		
DMRL	USA / USA	10 0B 00	14 08 00		
DMRR	USA / USA	10 0B 00	14 08 00		
PSDML	USA / USA	10 17 00	14 32 13		
PSDMR	USA / USA	10 17 00	14 32 13		

MSM	USA	0F 2B 00	15 21 00
CSWM	USA	11 2A 00	14 27 00
IPC	USA / USA	12 06 00	15 01 00
PTS	USA	0E 32 00	14 07 00
SCCM	USA	13 28 00	13 29 00
BCM	USA	0D 11 00	15 20 90
ACC	USA / USA	15 21 01	15 23 02
RADIO		65	8661
OCM	USA / USA	11 1F 01	0E 2F 02
HVACR	USA	0E 09 00	10 03 02
LBSS	USA / USA	11 30 02	15 08 00
RBSS	USA / USA	11 30 02	15 08 00
FFCM	USA / USA	11 06 00	15 0C 00
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	15 19 00
HCP	USA	11 1F 04	0F 2D 00
DSM	USA / USA	14 0C 00	15 2D 00
RCCC	USA	0F 1D 00	13 04 00
EAC	USA	0E 34 00	12 0F 00
AHCP	USA	11 1F 04	0F 2D 00
EBBM	USA	0E 19 02	14 0D 18
ABSO	USA	0E 15 02	14 1B 26
SGW		5	1137
IDCM	USA	14 2C 00	15 31 00

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Stored
HCP	P0C19-00	Drive Motor A Torque Delivered Performance-	Stored
HCP	P1B03-00	Resolver Signal / MCPA Rationality-	Stored

ENVIRONMENTAL DATA SUMMARY

HCP | P0A3F-00 | Stored | Drive Motor A Position Sensor 1 Circuit-

NAME	VALUE	UNITS
DTC	0A 3F 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	

Occurrence flag	Occurrence	
Original Odometer Value	138.1	miles
Most Recent Odometer Value	138.1	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	6545717	sec
RAM stamps keyOn	90	sec
RAM Stamps	558	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	1064	rpm
HV Battery SOC	91	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	126	°F
Motor B Temp Sensor	106	°F
Barometric Pressure	13	PSI
Engine Coolant Temperature	216	°F
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Angle Offset	0.80	Degree
Motor B Resolver Angle Offset	2.40	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Track	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Battery Feed Voltage 2 Sense	14.544	Volts
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	7.992	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	25.535	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.393	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.393	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	26.917	Ft-Lbs
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	1.5	rpm
Battery Feed Voltage 1 Sense	14.616	Volts

Battery Feed Voltage 3 Sense	14.472	Volts
Hybrid System State	Determine Hybrid System State	
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-60	AMP
Motor B - Inverter Current - phase B	16	AMP
Motor B - Inverter Current - phase C	40	AMP
Outside Air Temperature	68.0	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	391.80	Volts
PIM DC Link Voltage - A	394	Volts
PIM DC Link Voltage - B	389	Volts
Inverter A IGBT Temperature for phase A	115	°F
Inverter A IGBT Temperature for phase B	115	°F
Inverter A IGBT Temperature for phase C	115	°F
Inverter B IGBT Temperature for phase A	115	°F
Inverter B IGBT Temperature for phase B	115	°F
Inverter B IGBT Temperature for phase C	120	°F
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	25.535	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
GPS Date - Year	2022	Year
GPS Date - Month	7	
GPS Date - Day	7	Days
UTC Time - Hours	16	Hours
UTC Time - Minutes	50	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	287	ms

HCP | P0C19-00 | Stored | Drive Motor A Torque Delivered Performance-

NAME	VALUE	UNITS
DTC	0C 19 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	
Occurrence flag	Occurrence	
Original Odometer Value	138.1	miles
Most Recent Odometer Value	138.1	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	6545717	sec
RAM stamps keyOn	90	sec
RAM Stamps	558	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	1064	rpm
HV Battery SOC	91	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Barometric Pressure	13	PSI
Engine Coolant Temperature	216	°F
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Inverter A Input DC Current	0.0	AMP
Electric Motor A Speed	0.0	rpm
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 A Phase U Short Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - High-Side	False	
Motor A Phase U Thermal Shutdown Fault - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase U SPI Error Fault - High-Side	False	
Motor A Phase U Hardware Error Fault - High-Side	False	
Motor A Phase U Short Fault - Low-Side	False	
Motor A Phase U Cross Conduction Fault - Low-Side	False	

Motor A Phase U Over Current Fault - Low-Side	False	
Motor A Phase U Thermal Warning Fault - Low-Side	False	
Motor A Phase U Thermal Shutdown Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - Low-Side	False	
Motor A Phase U Hardware Error Fault - Low-Side	False	
Motor A Phase V Short Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - High-Side	False	
Motor A Phase V Over Current Fault - High-Side	False	
Motor A Phase V Thermal Warning Fault - High-Side	False	
Motor A Phase V Thermal Shutdown Fault - High-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase V SPI Error Fault - High-Side	False	
Motor A Phase V Hardware Error Fault - High-Side	False	
Motor A Phase V Short Fault - Low-Side	False	
Motor A Phase V Cross Conduction Fault - Low-Side	False	
Motor A Phase V Over Current Fault - Low-Side	False	
Motor A Phase V Thermal Warning Fault - Low-Side	False	
Motor A Phase V Thermal Shutdown Fault - Low-Side	False	
Motor A Phase V SPI Error Fault - Low-Side	False	
Motor A Phase V Hardware Error Fault - Low-Side	False	
Motor A Phase W Short Fault - High-Side	False	
Motor A Phase W Over Current Fault - High-Side	False	
Motor A Phase W Thermal Warning Fault - High-Side	False	
Motor A Phase W Thermal Shutdown Fault - High-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase W SPI Error Fault - High-Side	False	
Motor A Phase W Hardware Error Fault - High-Side	False	
Motor A Phase W Short Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - Low-Side	False	
Motor A Phase W Over Current Fault - Low-Side	False	
Motor A Phase W Thermal Warning Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W SPI Error Fault - Low-Side	False	
Motor A Phase W Hardware Error Fault - Low-Side	False	
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	14.616	Volts
Battery Feed Voltage 3 Sense	14.472	Volts
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	7.992	Volts
Hybrid System State	Determine Hybrid System State	
PIM DC Link Voltage - A	394	Volts
PIM DC Link Voltage - B	389	Volts

Passive Pump Coolant Temp In Sensor	111	°F
Low Temp Active Pump Speed	3120	rpm
High Temp Aux Pump - Actual Speed	0	rpm
Outside Air Temperature	68.0	°F
HV Contactor Status	Closed	
Inverter B Status Feedback	Normal On	
Battery Feed Voltage 1 Sense	14.616	Volts
Actual Torque - Motor B	23.507	Ft-Lbs
Available Motor Torque - Motor B	232.485	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.485	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	26.917	Ft-Lbs
Motor B - Inverter Current - phase A	-60	AMP
Motor B - Inverter Current - phase B	16	AMP
Motor B - Inverter Current - phase C	40	AMP
Motor B Resolver Angle	76	Degree
Motor B Temp Sensor	106	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Battery Voltage from BPCM	391.70	Volts
Electric Motor B Speed	1.5	rpm
Inverter A IGBT Temperature for phase A	115	°F
Inverter A IGBT Temperature for phase B	115	°F
Inverter A IGBT Temperature for phase C	115	°F
Inverter B IGBT Temperature for phase A	115	°F
Inverter B IGBT Temperature for phase B	115	°F
Inverter B IGBT Temperature for phase C	120	°F
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	23.507	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Commanded Inverter A State	Torque Control	
Inverter Status Feedback	Inverter Faulted	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Motor A Phase U Under Voltage Fault VH - High-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
Motor A Phase U Under Voltage Fault VL - High-Side	False	

Motor A Phase U Over Voltage Fault VDD - High-Side	False	
Motor A Phase U Under Voltage Fault VDD - High-Side	False	
Motor A Phase U Over Voltage Fault VH - Low-Side	False	
Motor A Phase U Under Voltage Fault VH - Low-Side	False	
Motor A Phase U Over Voltage Fault VL - Low-Side	False	
Motor A Phase U Under Voltage Fault VL - Low-Side	False	
Motor A Phase U Over Voltage Fault VDD - Low-Side	False	
Motor A Phase U Under Voltage Fault VDD - Low-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Over Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VH - High-Side	False	
Motor A Phase V Over Voltage Fault VL - High-Side	False	
Motor A Phase V Under Voltage Fault VL - High-Side	False	
Motor A Phase V Over Voltage Fault VDD - High-SideSide	False	
Motor A Phase V Under Voltage Fault VDD - High-Side	False	
Motor A Phase V Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Under Voltage Fault VH - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - Low-Side	False	
Motor A Phase V Under Voltage Fault VDD - Low-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase W Under Voltage Fault VH - High-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase W Under Voltage Fault VL - High-Side	False	
Motor A Phase W Over Voltage Fault VDD - High-Side	False	
Motor A Phase W Under Voltage Fault VDD - High-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Inverter A Status Feedback	Inverter Faulted	
GPS Date - Year	2022	Year
GPS Date - Month	7	
GPS Date - Day	7	Days
UTC Time - Hours	16	Hours

UTC Time - Minutes	50	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	281	ms

HCP | P1B03-00 | Stored | Resolver Signal / MCPA Rationality-

NAME	VALUE	UNITS
DTC	1B 03 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	
Occurrence flag	Occurrence	
Original Odometer Value	138.1	miles
Most Recent Odometer Value	138.1	miles
Frequency Counter	2	
Ignition Cycle Counter	0	
Real time clock	6545717	sec
RAM stamps keyOn	90	sec
RAM Stamps	558	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	992	rpm
HV Battery SOC	91	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	126	°F
Motor B Temp Sensor	106	°F
Barometric Pressure	13	PSI
Engine Coolant Temperature	216	°F
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Angle Offset	0.80	Degree
Motor B Resolver Angle Offset	2.40	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Track	

Motor B Resolver to Digital Low Level Driver Faults	No fault	
Battery Feed Voltage 2 Sense	14.472	Volts
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	7.992	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	26.733	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	26.733	Ft-Lbs
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	1.0	rpm
Battery Feed Voltage 1 Sense	14.472	Volts
Battery Feed Voltage 3 Sense	14.328	Volts
Hybrid System State	Determine Hybrid System State	
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-60	AMP
Motor B - Inverter Current - phase B	16	AMP
Motor B - Inverter Current - phase C	40	AMP
Outside Air Temperature	68.0	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	391.80	Volts
PIM DC Link Voltage - A	394	Volts
PIM DC Link Voltage - B	389	Volts
Inverter A IGBT Temperature for phase A	115	°F
Inverter A IGBT Temperature for phase B	115	°F
Inverter A IGBT Temperature for phase C	115	°F
Inverter B IGBT Temperature for phase A	115	°F
Inverter B IGBT Temperature for phase B	115	°F
Inverter B IGBT Temperature for phase C	120	°F
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	26.733	Ft-Lbs
OBCM Operating Mode	UTC	

J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
GPS Date - Year	2022	Year
GPS Date - Month	7	
GPS Date - Day	7	Days
UTC Time - Hours	16	Hours
UTC Time - Minutes	50	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	350	ms

SNAPSHOT DATA SUMMARY

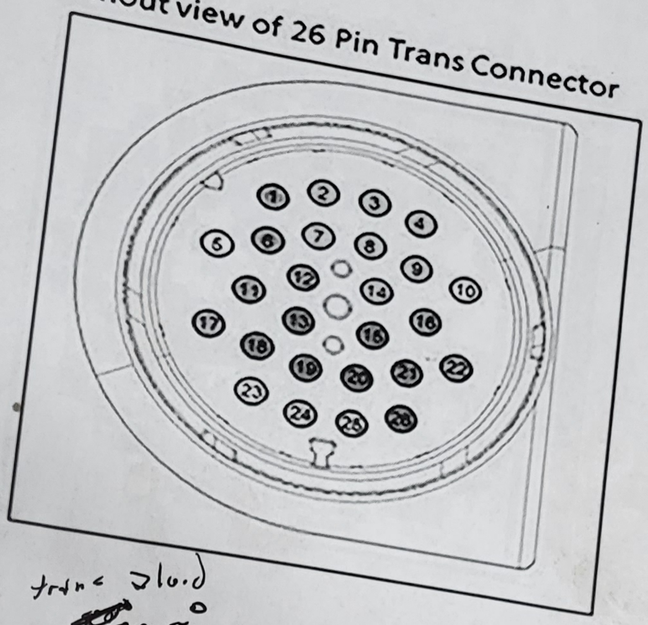
No Snapshot Data available for P0A3F-00

No Snapshot Data available for P0C19-00

No Snapshot Data available for P1B03-00

...the Wiring Information).

Pinout view of 26 Pin Trans Connector



80° In shop
Bucket of trans fluid
80.5°

2817115534

Transmission 26 Way Connector Resistance Measurements				
Circuit 3 Motor A Thermistor	See chart below for resistance values 46.9	T366	MOTOR A TEMPERATURE SENSOR SIGNAL	T1
		T359	MOTOR A TEMPERATURE SENSOR GROUND	T6
Circuit 1 Motor A Resolver	14.0-21.0 Ohms 17.7	T372	RESOLVER A SINE HI	T2
		T374	RESOLVER A SINE LO	T7
	16.0–24.0 Ohms 20.3	T371	RESOLVER A COS HI	T3
		T373	RESOLVER A COS LO	T8
	6.8–10.2 Ohms 8.2	T370	RESOLVER A EXCITOR HI	T4
		T375	RESOLVER A EXCITOR LO	T9
Z701A			SHIELD CABLE	T14
Circuit 2 Motor B Resolver	14.0-21.0 Ohms 17.9	T362	RESOLVER B SIN HI	T19
		T364	RESOLVER B SIN LO	T20
	16.0–24.0 Ohms 20.3	T361	RESOLVER B COS HI	T15
		T363	RESOLVER B COS LO	T21
	6.8–10.2 Ohms 8.9	T369	RESOLVER B EXCITATION HI	T13
		T368	RESOLVER B EXCITATION LO	T18
Z701B			SHIELD CABLE	T26
Circuit 4 Motor B Thermistor	See chart below for resistance values 46.7	T367	MOTOR B TEMPERATURE SENSOR SIGNAL	T24
		T360	MOTOR B TEMPERATURE SENSOR GROUND	T25
Circuit 6 Trans Aux Pump		Z904A/Z904B	PUMP GROUND	T16/T22
		F748A/F748B	TRANSMISSION OIL PUMP RELAY OUTPUT	T11/T17
		D422	PIM LIN BUS 1(B)	T12

Trans Temp [°F]	Trans Temp [°C]	Rmin. [kΩ]	Rnom. [kΩ]	Rmax. [kΩ]	Minus Tolerance(°C)	Plus Tolerance(°C)
-40	-40	1400	1625	1885	-2.52	2.18
-38.2	-39	1313	1522	1763	-2.48	2.15
-36.4	-38	1231	1425	1649		