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VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1S73 [REDACTED]

Odometer 5738.2 miles
Publication Date 6/22/2021, 12:49:48 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	[REDACTED]	ORIGINAL	[REDACTED]	PART #
PCM	Powertrain Control Module	CAN-C	68499122AD	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68499122AD
PLGM	Power Liftgate	CAN-I	68466171AF	2C4RC1S	[REDACTED]	—	[REDACTED]	68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68493454AE
DDM	Driver Door Module	CAN-I	68496461AB	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68517013AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68434960AE
PTS	Parktronics	CAN-C	68485862AA	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68485862AA
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1S	[REDACTED]	2C4RC1S	[REDACTED]	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AA	2C4RC1S73	2C4RC1S73	68540436AA
RADIO	Radio	CAN-I	68465292AC	2C4RC1S73	2C4RC1S73	68465292AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1S73	2C4RC1S73	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1S73	2C4RC1S73	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S73	2C4RC1S73	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S73	2C4RC1S73	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1S73	2C4RC1S73	68493395AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1S73	2C4RC1S73	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE	2C4RC1S73	2C4RC1S73	05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AF	2C4RC1S73	2C4RC1S73	05185116AF
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1S73	2C4RC1S73	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1S73	2C4RC1S73	68321862AC
DSM	Display Screen Module	CAN-I	68437339AD	2C4RC1S73	2C4RC1S73	68437339AD
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1S73	2C4RC1S73	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1S73	2C4RC1S73	56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1S73	2C4RC1S73	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AF	2C4RC1S73	2C4RC1S73	05185117AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1S73	2C4RC1S73	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1S73	2C4RC1S73	68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		2C4RC1S73	68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1S73	2C4RC1S73	68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	75 00 01	4422	941DFC50
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	

HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	FE120BB2 29C5A4AB 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	
TBM2	USA	13 0E 02	14 2A 5C	4104	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HCP	P1625-00	Park Pawl System Failure-	Active
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Stored
HCP	P0A45-00	Drive Motor B Position Sensor 1 Circuit-	Stored
HCP	P0C1A-00	Drive Motor B Torque Delivered Performance-	Stored
HCP	P0CEA-00	Hybrid/EV Electronics Coolant Pump "A" Performance-	Active

HCP	U0287-00	Lost Communication With Transmission Fluid Pump Module 1-	Pending
HCP	U0623-00	Lost Communication with Coolant Pump "A"-	Pending

ENVIRONMENTAL DATA SUMMARY

HCP | P1625-00 | Active | Park Pawl System Failure-

NAME	VALUE	UNITS
DTC	16 25 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	
Occurrence flag	Occurrence	
Warning Indicator Requested	True	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	P	
Auto Correction Request	APCM Off	
Reverse Shift Lock Status	Unlocked	
Shift Lock Status	Locked	
PRND Blink	Initialization	
Park Pawl Motor Direction	Out of Park/Move Towards Disengage	
Park Pawl Motor Enable Feedback	Disabled	
Propulsion System Active	True	
Park Pawl Status Feedback	Segment Two Complete	
Failure Reasons for Level 2 eShift	Reserved	
Park Gated Switch	In Park	
Hybrid System State	Propulsion System Active	
CBC Wake-Up Input	Off	
HV Contactor Status	Closed	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HCP ePT Wake-Up Output	On	
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Original Odometer Value	5738.2	miles
Frequency Counter	1	
RAM stamps keyOn	180	sec
Most Recent Odometer Value	5738.2	miles

Accelerator Pedal Position	0	%
Engine Speed	1103	rpm
RAM Stamps	54896	Min
Real time clock	15254190	sec
Ignition Cycle Counter	0	
Engine Coolant Temperature	156	°F
HV Battery SOC	75	%
Park Pawl Motor Current	0.1	AMP
PP Actuator Position Sensor Voltage	3.90	Volts
Internal EPS Voltage Sense A	8.208	Volts
Battery Feed Voltage 3 Sense	14.544	Volts
Barometric Pressure	14	PSI
Park Pawl Motor Counts	389	Counts
Park Pawl Motor PWM1	0	%
Internal EPS Voltage Sense B	8.136	Volts
Battery Feed Voltage 2 Sense	14.544	Volts
Vehicle Speed	0.0000	MPH
Actual Torque - Motor B	-110.066	Ft-Lbs
Battery Feed Voltage 1 Sense	14.472	Volts
Available Motor Torque - Motor B	235.988	Ft-Lbs
Commanded Torque - Motor B	-36.965	Ft-Lbs
Actual Torque - Motor A	-23.138	Ft-Lbs
Commanded Torque - Motor A	-31.342	Ft-Lbs
Available Motor Torque - Motor A	85.730	Ft-Lbs
Motor B - Inverter Current - phase A	-36	AMP
Motor A - Inverter Current - phase C	112	AMP
Motor A - Inverter Current - phase B	-140	AMP
Motor B - Inverter Current - phase C	116	AMP
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Motor A - Inverter Current - phase A	20	AMP
Motor B Resolver Angle	30	Degree
Motor B - Inverter Current - phase B	-88	AMP
Available Regen Torque - Motor B	-235.988	Ft-Lbs
HV Battery Voltage from BPCM	375.00	Volts
Motor A Resolver Angle	48	Degree
Electric Motor B Speed	525.5	rpm
Inverter A IGBT Temperature for phase B	190	°F
Inverter A IGBT Temperature for phase A	181	°F
PIM DC Link Voltage - B	377	Volts
Inverter B IGBT Temperature for phase B	196	°F
Motor A Temp Sensor	108	°F
Inverter A IGBT Temperature for phase C	190	°F
Inverter B IGBT Temperature for phase A	169	°F
Motor B Temp Sensor	97	°F

Inverter B IGBT Temperature for phase C	194	°F
Distance Travelled with Light ON	0	miles
Motor A Torque	-23.138	Ft-Lbs
Electric Motor A Speed	4767.0	rpm
Motor B Torque	-110.066	Ft-Lbs
HV Battery Sleep Time	0	Days
GPS Date - Month	2	
GPS Date - Day	25	Days
PIM DC Link Voltage - A	373	Volts
UTC Time - Hours	5	Hours
ECU Time - Milliseconds	913	ms
Outside Air Temperature	73.4	°F
GPS Date - Year	2021	Year
UTC Time - Seconds	0	seconds
UTC Time - Minutes	41	

HCP | POA3F-00 | Stored | Drive Motor A Position Sensor 1 Circuit-

NAME	VALUE	UNITS
DTC	0A 3F 00	
Pending DTC	True	
Test Failed This Operation Cycle	True	
Test Failed	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	Occurrence	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
PRND Position Display	Blank	
Ignition State	Reserved	
Propulsion System Active	False	
Motor A Resolver Offset Learn Erase	not requested	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Motor B Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Hybrid System State	Reserved	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HV Contactor Status	Closed	
APM Status	Idle	

Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	5738.2	miles
Frequency Counter	1	
Most Recent Odometer Value	5738.2	miles
Ignition Cycle Counter	0	
Real time clock	15254190	sec
RAM stamps keyOn	180	sec
Accelerator Pedal Position	0	%
Engine Speed	1344	rpm
Vehicle Speed	0.0000	MPH
HV Battery SOC	75	%
RAM Stamps	54896	Min
Engine Coolant Temperature	156	°F
Barometric Pressure	14	PSI
Motor A Resolver Angle Offset	1.60	Degree
Motor B Temp Sensor	55	°F
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Angle Offset	4.40	Degree
Internal EPS Voltage Sense B	8.136	Volts
Actual Torque - Motor B	-18.437	Ft-Lbs
Internal EPS Voltage Sense A	8.208	Volts
Available Motor Torque - Motor A	0.000	Ft-Lbs
Battery Feed Voltage 2 Sense	13.896	Volts
Available Motor Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor A Speed	0.0	rpm
Motor A Temp Sensor	64	°F
Electric Motor B Speed	1344.5	rpm
Available Regen Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Battery Feed Voltage 1 Sense	13.824	Volts
Battery Feed Voltage 3 Sense	13.896	Volts
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase B	0	AMP

Motor B - Inverter Current - phase C	-4	AMP
HV Battery Voltage from BPCM	376.50	Volts
PIM DC Link Voltage - A	375	Volts
Inverter A IGBT Temperature for phase A	181	°F
PIM DC Link Voltage - B	378	Volts
Inverter A IGBT Temperature for phase C	192	°F
Inverter B IGBT Temperature for phase A	171	°F
Inverter A IGBT Temperature for phase B	190	°F
Inverter B IGBT Temperature for phase B	196	°F
Outside Air Temperature	73.4	°F
Inverter B IGBT Temperature for phase C	194	°F
Motor A Torque	0.000	Ft-Lbs
Distance Travelled with Light ON	0	miles
Motor B Torque	-18.437	Ft-Lbs
HV Battery Sleep Time	0	Days
GPS Date - Month	2	
UTC Time - Minutes	41	
GPS Date - Year	2021	Year
GPS Date - Day	25	Days
UTC Time - Seconds	0	seconds
UTC Time - Hours	5	Hours
ECU Time - Milliseconds	263	ms

HCP | P0A45-00 | Stored | Drive Motor B Position Sensor 1 Circuit-

NAME	VALUE	UNITS
Confirmed DTC	True	
DTC	0A 45 00	
Test Failed This Operation Cycle	True	
Test Failed	False	
Pending 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	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	Blank	
Propulsion System Active	False	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver to Digital Low Level Driver Faults	No fault	

Motor B Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
HCP System Shutdown Command	Default	
Impact Event	False	
APM Status	Idle	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	5738.2	miles
Ignition Cycle Counter	0	
Real time clock	15254216	sec
Most Recent Odometer Value	5738.2	miles
Frequency Counter	2	
RAM stamps keyOn	195	sec
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	75	%
RAM Stamps	54897	Min
Vehicle Speed	0.0000	MPH
Barometric Pressure	14	PSI
Motor B Resolver Angle Offset	4.40	Degree
Motor B Resolver Supply Voltage Value	15.75	Volts
Internal EPS Voltage Sense A	0.072	Volts
Motor A Resolver Angle Offset	1.60	Degree
Motor B Temp Sensor	-27	°F
Internal EPS Voltage Sense B	0.072	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	12.384	Volts
Engine Coolant Temperature	156	°F
Motor A Temp Sensor	46	°F
Available Motor Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Electric Motor A Speed	0.5	rpm
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor B Speed	0.0	rpm
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs

Battery Feed Voltage 3 Sense	12.384	Volts
Battery Feed Voltage 1 Sense	12.312	Volts
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
PIM DC Link Voltage - A	5	Volts
Inverter A IGBT Temperature for phase A	156	°F
PIM DC Link Voltage - B	6	Volts
Inverter B IGBT Temperature for phase B	171	°F
HV Battery Voltage from BPCM	180.00	Volts
Inverter B IGBT Temperature for phase A	165	°F
Inverter A IGBT Temperature for phase C	167	°F
Inverter B IGBT Temperature for phase C	156	°F
Outside Air Temperature	73.4	°F
Inverter A IGBT Temperature for phase B	171	°F
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
GPS Date - Year	2021	Year
Motor B Torque	0.000	Ft-Lbs
UTC Time - Minutes	41	
GPS Date - Month	2	
UTC Time - Hours	5	Hours
UTC Time - Seconds	0	seconds
GPS Date - Day	25	Days
ECU Time - Milliseconds	694	ms

HCP | P0C1A-00 | Stored | Drive Motor B Torque Delivered Performance-

NAME	VALUE	UNITS
DTC	0C 1A 00	
Pending DTC	True	
Test Failed	False	
Test Failed This Operation Cycle	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Occurrence flag	Occurrence	
PHEV Charging Status	No Charging	
Brake Switch Status	Not Applied	

Ignition State	Reserved	
PRND Position Display	Blank	
Propulsion System Active	False	
Commanded Inverter B State	Inverter Disabled	
Inverter B Status Feedback	Inverter Faulted	
Motor B Phase U Thermal Warning Fault - High-Side	False	
Motor B Phase U Short Fault - High-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase U Thermal Shutdown Fault - High-Side	False	
Motor B Phase U Hardware Error Fault - High-Side	False	
Motor B Phase U Short Fault - Low-Side	False	
Motor B Phase U Cross Conduction Fault - Low-Side	False	
Motor B Phase U Over Current Fault - Low-Side	False	
Motor B Phase U Thermal Warning Fault - Low-Side	False	
Motor B Phase U Cross Conduction Fault - High-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase U SPI Error Fault - High-Side	False	
Motor B Phase U SPI Error Fault - Low-Side	False	
Motor B Phase U Thermal Shutdown Fault - Low-Side	False	
Motor B Phase V Short Fault - High-Side	False	
Motor B Phase U Hardware Error Fault - Low-Side	False	
Motor B Phase V Over Current Fault - High-Side	False	
Motor B Phase V Cross Conduction Fault - High-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase V Thermal Warning Fault - High-Side	False	
Motor B Phase V Thermal Shutdown Fault - High-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase V Hardware Error Fault - High-Side	False	
Motor B Phase V SPI Error Fault - High-Side	False	
Motor B Phase V Short Fault - Low-Side	False	
Motor B Phase V Cross Conduction Fault - Low-Side	False	
Motor B Phase V Over Current Fault - Low-Side	False	
Motor B Phase V SPI Error Fault - Low-Side	False	
Motor B Phase V Hardware Error Fault - Low-Side	False	
Motor B Phase V Thermal Shutdown Fault - Low-Side	False	
Motor B Phase V Thermal Warning Fault - Low-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase W Cross Conduction Fault - High-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase W Short Fault - High-Side	False	
Motor B Phase W Over Current Fault - High-Side	False	
Motor B Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase W SPI Error Fault - High-Side	False	

Motor B Phase W Thermal Warning Fault - High-Side	False	
Motor B Phase W Short Fault - Low-Side	False	
Motor B Phase W Cross Conduction Fault - Low-Side	False	
Motor B Phase W Over Current Fault - Low-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase W Thermal Warning Fault - Low-Side	False	
Motor B Phase W Thermal Shutdown Fault - Low-Side	False	
Motor B Phase W Hardware Error Fault - High-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase W SPI Error Fault - Low-Side	False	
Motor B Phase W Hardware Error Fault - Low-Side	False	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HV Contactor Status	Open	
EPT LOC Diag Enable	Enable LOC Diagnostic	
APM Status	Idle	
HCP System Shutdown Command	Default	
Impact Event	False	
Motor B Phase U Over Voltage Fault VH - High-Side	False	
Motor B Phase U Over Current Fault - High-Side	False	
OBCM Operating Mode	UTC	
Motor B Phase U Under Voltage Fault VH - High-Side	False	
J1772 Prox Detected State	Prox Out	
Motor B Phase U Over Voltage Fault VDD - High-Side	False	
Motor B Phase U Under Voltage Fault VDD - High-Side	False	
Motor B Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase U Over Voltage Fault VL - High-Side	False	
Motor B Phase U Under Voltage Fault VH - Low-Side	False	
Motor B Phase U Under Voltage Fault VL - High-Side	False	
Motor B Phase U Over Voltage Fault VDD - Low-Side	False	
Motor B Phase U Over Voltage Fault VL - Low-Side	False	
Motor B Phase U Under Voltage Fault VL - Low-Side	False	
Motor B Phase U Over Voltage Fault VH - Low-Side	False	
Motor B Phase V Under Voltage Fault VL - High-Side	False	
Motor B Phase U Under Voltage Fault VDD - Low-Side	False	
Motor B Phase V Under Voltage Fault VH - High-Side	False	
Motor B Phase V Over Voltage Fault VH - High-Side	False	
Motor B Phase V Under Voltage Fault VDD - High-Side	False	
Motor B Phase V Over Voltage Fault VH - Low-Side	False	
Motor B Phase V Over Voltage Fault VL - High-Side	False	
Motor B Phase V Over Voltage Fault VDD - High-Side	False	
Motor B Phase V Under Voltage Fault VL - Low-Side	False	

Motor B Phase V Under Voltage Fault VH - Low-Side	False	
Motor B Phase V Over Voltage Fault VL - Low-Side	False	
Motor B Phase W Under Voltage Fault VH - High-Side	False	
Motor B Phase W Over Voltage Fault VL - High-Side	False	
Motor B Phase W Over Voltage Fault VH - High-Side	False	
Motor B Phase W Under Voltage Fault VL - High-Side	False	
Motor B Phase V Over Voltage Fault VDD - Low-Side	False	
Motor B Phase V Under Voltage Fault VDD - Low-Side	False	
Motor B Phase W Under Voltage Fault VH - Low-Side	False	
Motor B Phase W Thermal Shutdown Fault - High-Side	False	
Motor B Phase W Under Voltage Fault VDD - High-Side	False	
Motor B Phase W Over Voltage Fault VDD - High-Side	False	
Motor B Phase W Over Voltage Fault VL - Low-Side	False	
Motor B Phase W Over Voltage Fault VH - Low-Side	False	
Motor B Phase W Under Voltage Fault VL - Low-Side	False	
Motor B Phase W Over Voltage Fault VDD - Low-Side	False	
Motor B Phase W Under Voltage Fault VDD - Low-Side	False	
Original Odometer Value	5738.2	miles
Most Recent Odometer Value	5738.2	miles
Real time clock	15254216	sec
Engine Coolant Temperature	156	°F
Engine Speed	0	rpm
Accelerator Pedal Position	0	%
RAM Stamps	54897	Min
Barometric Pressure	14	PSI
Actual Torque - Motor B	0.000	Ft-Lbs
Ignition Cycle Counter	0	
Frequency Counter	1	
HV Battery SOC	75	%
Vehicle Speed	0.0000	MPH
RAM stamps keyOn	195	sec
Electric Motor B Speed	-1.0	rpm
Motor B - Inverter Current - phase B	0	AMP
Inverter B Input DC Current	0.0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Supply Voltage Value	15.75	Volts
Available Motor Torque - Motor B	0.000	Ft-Lbs
Battery Feed Voltage 2 Sense	12.384	Volts
Internal EPS Voltage Sense B	0.072	Volts
Motor B - Inverter Current - phase A	0	AMP
Internal EPS Voltage Sense A	0.072	Volts
Battery Feed Voltage 1 Sense	12.312	Volts
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs

Battery Feed Voltage 3 Sense	12.384	Volts
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase A	0	AMP
Motor A Temp Sensor	77	°F
Actual Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Electric Motor A Speed	0.0	rpm
Motor A Resolver Angle	306	Degree
Inverter A IGBT Temperature for phase A	156	°F
Inverter B IGBT Temperature for phase A	165	°F
Motor A - Inverter Current - phase C	0	AMP
Outside Air Temperature	73.4	°F
Inverter B IGBT Temperature for phase B	171	°F
Inverter A IGBT Temperature for phase B	171	°F
HV Battery Voltage from BPCM	180.00	Volts
Inverter A IGBT Temperature for phase C	167	°F
Inverter B IGBT Temperature for phase C	156	°F
PIM DC Link Voltage - B	6	Volts
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
PIM DC Link Voltage - A	5	Volts
HV Battery Sleep Time	0	Days
Motor B Torque	0.000	Ft-Lbs
GPS Date - Day	25	Days
GPS Date - Year	2021	Year
GPS Date - Month	2	
ECU Time - Milliseconds	325	ms
UTC Time - Hours	5	Hours
UTC Time - Seconds	0	seconds
UTC Time - Minutes	41	

HCP | POCEA-00 | Active | Hybrid/EV Electronics Coolant Pump "A" Performance-

NAME	VALUE	UNITS
DTC	0C EA 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Test Failed Since Last Clear	True	
Pending DTC	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag		
Warning Indicator Requested	False	
Confirmed DTC	False	

Brake Switch Status		
PHEV Charging Status		
Test Not Completed Since Last Clear	False	
Ignition State		
PRND Position Display		
Propulsion System Active		
Low Temp Passive Pump - RPM Monitoring		
Low Temp Passive Pump - Dry Run		
Low Temp Passive Pump - Limp Home		
Low Temp Passive Pump - Post Running Mode Status		
Low Temp Passive Pump - Voltage Error		
Low Temp Passive Pump - Over Temperature		
Low Temp Passive Pump - Over Current		
Response Error		
Low Temp Passive Pump - Deblocking		
Low Temp Passive Pump - Fail Safe		
Hybrid System State		
CBC Wake-Up Input		
EPT LOC Diag Enable		
HCP ePT Wake-Up Output		
HV Contactor Status		
APM Status		
Impact Event		
HCP System Shutdown Command		
J1772 Prox Detected State		
OBCM Operating Mode		
Frequency Counter		
RAM Stamps		Min
RAM stamps keyOn		sec
Original Odometer Value		miles
Engine Speed		rpm
Most Recent Odometer Value		miles
Real time clock		sec
Engine Coolant Temperature		°F
Vehicle Speed		MPH
Ignition Cycle Counter		
Low Temp Passive Pump - Temperature		°F
Low Temp Passive Pump - Voltage		Volts
Low Temp Passive Pump - Actual Speed		rpm
Low Temp Passive Pump - Current		AMP
Accelerator Pedal Position		%
HV Battery SOC		%
Barometric Pressure		PSI
Low Temp Passive Pump - Target Speed		rpm

Passive Pump Coolant Temp In Sensor		°F
Internal EPS Voltage Sense A		Volts
Battery Feed Voltage 2 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Actual Torque - Motor A		Ft-Lbs
Internal EPS Voltage Sense B		Volts
PIM DC Link Voltage - B		Volts
PIM DC Link Voltage - A		Volts
Electric Motor A Speed		rpm
Actual Torque - Motor B		Ft-Lbs
Electric Motor B Speed		rpm
Commanded Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Motor A - Inverter Current - phase B		AMP
Battery Feed Voltage 1 Sense		Volts
Commanded Torque - Motor B		Ft-Lbs
Motor A Resolver Angle		Degree
Motor A - Inverter Current - phase A		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 B Temp Sensor		°F
Motor B Resolver Angle		Degree
Outside Air Temperature		°F
Inverter B IGBT Temperature for phase B		°F
Inverter A IGBT Temperature for phase A		°F
Inverter A IGBT Temperature for phase B		°F
HV Battery Voltage from BPCM		Volts
Inverter B IGBT Temperature for phase C		°F
Motor A Temp Sensor		°F
Inverter B IGBT Temperature for phase A		°F
UTC Time - Hours		Hours
Distance Travelled with Light ON		miles
Motor B Torque		Ft-Lbs
Motor A Torque		Ft-Lbs
HV Battery Sleep Time		Days
GPS Date - Year		Year
Inverter A IGBT Temperature for phase C		°F
GPS Date - Month		
GPS Date - Day		Days

ECU Time - Milliseconds		ms
UTC Time - Minutes		
UTC Time - Seconds		seconds

HCP | U0287-00 | Pending | Lost Communication With Transmission Fluid Pump Module 1-

NAME	VALUE	UNITS
DTC	C2 87 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	False	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag		
Brake Switch Status		
Ignition State		
PHEV Charging Status		
PRND Position Display		
Propulsion System Active		
Thermal System Enable State		
High Temperature Shut-Off Valve Status		
Front Refrigerant Shut-Off Valve Status		
Chiller Shut-Off Valve Status		
Hybrid System State		
EPT LOC Diag Enable		
CBC Wake-Up Input		
HV Contactor Status		
APM Status		
Impact Event		
HCP System Shutdown Command		
OBCM Operating Mode		
J1772 Prox Detected State		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Real time clock		sec
Ignition Cycle Counter		
Frequency Counter		
Engine Speed		rpm
RAM Stamps		Min
Accelerator Pedal Position		%
RAM stamps keyOn		sec
HV Battery SOC		%

Vehicle Speed		MPH
Heater Core Coolant Temp Sensor		°F
Engine Coolant Temperature		°F
A/C Refrigerant Pressure		PSI
Passive Pump Coolant Temp In Sensor		°F
Electric Coolant Heater Temp Sensor		°F
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Outside Air Temperature		°F
Barometric Pressure		PSI
High Temp Cabin Valve Feedback		degrees
Radiator Fan Duty Cycle		%
HV Coolant Heater - Measured Coolant Outlet Temp		°F
HV Coolant Heater - Measured Coolant Inlet Temp		°F
EAC Compressor Speed		rpm
Low Temp Passive Pump - Temperature		°F
Battery Feed Voltage 2 Sense		Volts
Low Temp Active Pump - Temperature		°F
Internal EPS Voltage Sense B		Volts
Battery Feed Voltage 3 Sense		Volts
Internal EPS Voltage Sense A		Volts
Battery Feed Voltage 1 Sense		Volts
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Motor A - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase C		AMP
Motor B Resolver Angle		Degree
Motor B - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Electric Motor A Speed		rpm
Motor A Resolver Angle		Degree
Inverter A IGBT Temperature for phase A		°F
Electric Motor B Speed		rpm
HV Battery Voltage from BPCM		Volts
PIM DC Link Voltage - A		Volts
PIM DC Link Voltage - B		Volts
Inverter B IGBT Temperature for phase B		°F

Inverter B IGBT Temperature for phase C		°F
Inverter A IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase A		°F
Inverter A IGBT Temperature for phase C		°F
Motor A Torque		Ft-Lbs
Distance Travelled with Light ON		miles
Motor B Torque		Ft-Lbs
GPS Date - Year		Year
GPS Date - Month		
HV Battery Sleep Time		Days
GPS Date - Day		Days
UTC Time - Minutes		
UTC Time - Seconds		seconds
ECU Time - Milliseconds		ms
UTC Time - Hours		Hours

HCP | U0623-00 | Pending | Lost Communication with Coolant Pump "A"-

NAME	VALUE	UNITS
DTC	C6 23 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Confirmed DTC	False	
Pending 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		
Brake Switch Status		
PHEV Charging Status		
Ignition State		
Propulsion System Active		
PRND Position Display		
Thermal System Enable State		
High Temperature Shut-Off Valve Status		
Front Refrigerant Shut-Off Valve Status		
Chiller Shut-Off Valve Status		
Hybrid System State		
CBC Wake-Up Input		
EPT LOC Diag Enable		
HV Contactor Status		
APM Status		
Impact Event		
HCP System Shutdown Command		

OBCM Operating Mode

J1772 Prox Detected State		
Original Odometer Value		miles
Frequency Counter		
Most Recent Odometer Value		miles
Ignition Cycle Counter		
Real time clock		sec
RAM stamps keyOn		sec
Accelerator Pedal Position		%
A/C Refrigerant Pressure		PSI
Vehicle Speed		MPH
RAM Stamps		Min
Barometric Pressure		PSI
Engine Speed		rpm
Passive Pump Coolant Temp In Sensor		°F
Engine Coolant Temperature		°F
HV Battery SOC		%
Electric Coolant Heater Temp Sensor		°F
Heater Core Coolant Temp Sensor		°F
Motor A Temp Sensor		°F
EAC Compressor Speed		rpm
High Temp Cabin Valve Feedback		degrees
Radiator Fan Duty Cycle		%
Motor B Temp Sensor		°F
Outside Air Temperature		°F
HV Coolant Heater - Measured Coolant Outlet Temp		°F
Low Temp Passive Pump - Temperature		°F
HV Coolant Heater - Measured Coolant Inlet Temp		°F
Internal EPS Voltage Sense A		Volts
Battery Feed Voltage 2 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Internal EPS Voltage Sense B		Volts
Low Temp Active Pump - Temperature		°F
Available Motor Torque - Motor B		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Battery Feed Voltage 1 Sense		Volts
Commanded Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Motor A - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase A		AMP

Motor B - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase B		AMP
Motor A Resolver Angle		Degree
Motor A - Inverter Current - phase C		AMP
Electric Motor B Speed		rpm
Motor B Resolver Angle		Degree
Electric Motor A Speed		rpm
Inverter A IGBT Temperature for phase A		°F
HV Battery Voltage from BPCM		Volts
PIM DC Link Voltage - B		Volts
PIM DC Link Voltage - A		Volts
Inverter A IGBT Temperature for phase B		°F
Inverter A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase C		°F
Motor A Torque		Ft-Lbs
Distance Travelled with Light ON		miles
Motor B Torque		Ft-Lbs
HV Battery Sleep Time		Days
UTC Time - Hours		Hours
GPS Date - Day		Days
GPS Date - Month		
UTC Time - Seconds		seconds
UTC Time - Minutes		
GPS Date - Year		Year
ECU Time - Milliseconds		ms

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P1625-00

No Snapshot Data available for P0A3F-00

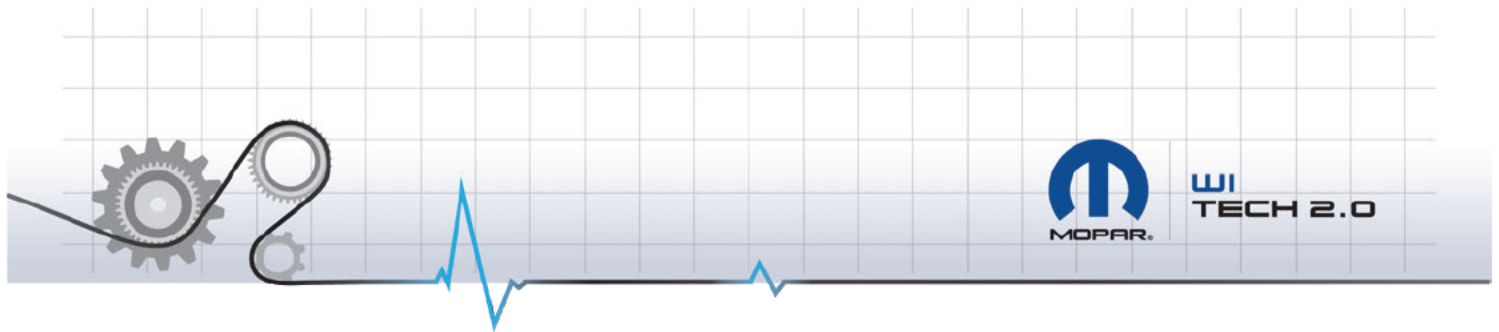
No Snapshot Data available for P0A45-00

No Snapshot Data available for P0C1A-00

No Snapshot Data available for P0CEA-00

No Snapshot Data available for U0287-00

No Snapshot Data available for U0623-00



VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1S73 [REDACTED]

Odometer 5738.2 miles
Publication Date 6/23/2021, 4:06:22 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT		ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68499122AD	2C4RC1S7		2C4RC1S7	68499122AD
PLGM	Power Liftgate	CAN-I	68466171AF	2C4RC1S7		—	68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1S7		2C4RC1S7	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1S7		2C4RC1S7	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1S7		2C4RC1S7	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1S7		2C4RC1S7	68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1S7		2C4RC1S7	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1S7		2C4RC1S7	68493454AE
DDM	Driver Door Module	CAN-I	68496461AB	2C4RC1S7		2C4RC1S7	68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB	2C4RC1S7		2C4RC1S7	68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1S7		2C4RC1S7	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1S7		2C4RC1S7	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1S7		2C4RC1S7	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1S7		2C4RC1S7	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1S7		2C4RC1S7	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB	2C4RC1S7		2C4RC1S7	68517013AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1S7		2C4RC1S7	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1S7		2C4RC1S7	68434960AE
PTS	Parktronics	CAN-C	68485862AA	2C4RC1S7		2C4RC1S7	68485862AA
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1S7		2C4RC1S7	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1S7		2C4RC1S7	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AA	2C4RC1S73	2C4RC1S73	68540436AA
RADIO	Radio	CAN-I	68465292AC	2C4RC1S73	2C4RC1S73	68465292AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1S73	2C4RC1S73	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1S73	2C4RC1S73	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S73	2C4RC1S73	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S73	2C4RC1S73	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1S73	2C4RC1S73	68493395AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1S73	2C4RC1S73	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE	2C4RC1S73	2C4RC1S73	05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AF	2C4RC1S73	2C4RC1S73	05185116AF
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1S73	2C4RC1S73	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1S73	2C4RC1S73	68321862AC
DSM	Display Screen Module	CAN-I	68437339AD	2C4RC1S73	2C4RC1S73	68437339AD
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1S73	2C4RC1S73	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1S73	2C4RC1S73	56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1S73	2C4RC1S73	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AF	2C4RC1S73	2C4RC1S73	05185117AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1S73	2C4RC1S73	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1S73	2C4RC1S73	68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		2C4RC1S73	68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1S73	2C4RC1S73	68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	75 00 01	4422	941DFC50
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	

HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	FE120BB2 29C5A4AB 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	
TBM2	USA	13 0E 02	14 2A 5C	4104	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HCP	P0CEA-00	Hybrid/EV Electronics Coolant Pump "A" Performance-	Pending
HCP	U0623-00	Lost Communication with Coolant Pump "A"-	Pending
HCP	U1123-00	Lost Communication With LIN ECU 3-	Pending
HCP	U1124-00	Lost Communication With LIN ECU 4-	Pending

ENVIRONMENTAL DATA SUMMARY

HCP | POCEA-00 | Pending | Hybrid/EV Electronics Coolant Pump "A" Performance-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	True	
Test Failed	False	
DTC	0C EA 00	
Confirmed DTC	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag		
Pending DTC	True	
Brake Switch Status		
PHEV Charging Status		
PRND Position Display		
Ignition State		
Propulsion System Active		
Low Temp Passive Pump - Limp Home		
Low Temp Passive Pump - Over Temperature		
Low Temp Passive Pump - Over Current		
Low Temp Passive Pump - Dry Run		
Low Temp Passive Pump - Voltage Error		
Low Temp Passive Pump - Deblocking		
Low Temp Passive Pump - Fail Safe		
Low Temp Passive Pump - RPM Monitoring		
Low Temp Passive Pump - Post Running Mode Status		
Response Error		
Hybrid System State		
CBC Wake-Up Input		
EPT LOC Diag Enable		
HV Contactor Status		
HCP ePT Wake-Up Output		
Impact Event		
APM Status		
HCP System Shutdown Command		
OBCM Operating Mode		
J1772 Prox Detected State		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Real time clock		sec
Engine Speed		rpm
RAM Stamps		Min
Accelerator Pedal Position		%

HV Battery SOC		%
Vehicle Speed		MPH
Frequency Counter		
Barometric Pressure		PSI
Ignition Cycle Counter		
Engine Coolant Temperature		°F
Low Temp Passive Pump - Temperature		°F
Passive Pump Coolant Temp In Sensor		°F
RAM stamps keyOn		sec
Low Temp Passive Pump - Current		AMP
Low Temp Passive Pump - Voltage		Volts
Battery Feed Voltage 2 Sense		Volts
Low Temp Passive Pump - Actual Speed		rpm
Internal EPS Voltage Sense A		Volts
Actual Torque - Motor A		Ft-Lbs
Electric Motor A Speed		rpm
Internal EPS Voltage Sense B		Volts
Battery Feed Voltage 3 Sense		Volts
Low Temp Passive Pump - Target Speed		rpm
PIM DC Link Voltage - B		Volts
Actual Torque - Motor B		Ft-Lbs
PIM DC Link Voltage - A		Volts
Electric Motor B Speed		rpm
Available Motor Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Battery Feed Voltage 1 Sense		Volts
Motor A - Inverter Current - phase B		AMP
Commanded Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Motor B - Inverter Current - phase A		AMP
Commanded Torque - Motor A		Ft-Lbs
Motor B - Inverter Current - phase B		AMP
Motor A Resolver Angle		Degree
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase C		AMP
Available Regen Torque - Motor B		Ft-Lbs
Motor A Temp Sensor		°F
Motor B Resolver Angle		Degree
Motor B - Inverter Current - phase C		AMP
Outside Air Temperature		°F
Motor B Temp Sensor		°F
Inverter A IGBT Temperature for phase A		°F
HV Battery Voltage from BPCM		Volts
Inverter B IGBT Temperature for phase B		°F

GPS Date - Year		Year
Distance Travelled with Light ON		miles
Inverter A IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase C		°F
Motor A Torque		Ft-Lbs
Inverter A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase A		°F
UTC Time - Minutes		
Motor B Torque		Ft-Lbs
HV Battery Sleep Time		Days
GPS Date - Month		
UTC Time - Hours		Hours
UTC Time - Seconds		seconds
GPS Date - Day		Days
ECU Time - Milliseconds		ms

HCP | U0623-00 | Pending | Lost Communication with Coolant Pump "A"-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	True	
Pending DTC	True	
DTC	C6 23 00	
Test Failed	False	
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	
Occurrence flag		
Brake Switch Status		
PHEV Charging Status		
Ignition State		
Propulsion System Active		
PRND Position Display		
Thermal System Enable State		
High Temperature Shut-Off Valve Status		
Front Refrigerant Shut-Off Valve Status		
Chiller Shut-Off Valve Status		
Hybrid System State		
CBC Wake-Up Input		
HV Contactor Status		
EPT LOC Diag Enable		
APM Status		
HCP System Shutdown Command		
Impact Event		

J1772 Prox Detected State

OBCM Operating Mode

Original Odometer Value

miles

Frequency Counter

Real time clock

sec

Ignition Cycle Counter

RAM stamps keyOn

sec

RAM Stamps

Min

Most Recent Odometer Value

miles

HV Battery SOC

%

Accelerator Pedal Position

%

Vehicle Speed

MPH

Engine Speed

rpm

Barometric Pressure

PSI

Passive Pump Coolant Temp In Sensor

°F

A/C Refrigerant Pressure

PSI

Engine Coolant Temperature

°F

Heater Core Coolant Temp Sensor

°F

Motor A Temp Sensor

°F

Electric Coolant Heater Temp Sensor

°F

Motor B Temp Sensor

°F

EAC Compressor Speed

rpm

Outside Air Temperature

°F

HV Coolant Heater - Measured Coolant Inlet Temp

°F

High Temp Cabin Valve Feedback

degrees

Radiator Fan Duty Cycle

%

HV Coolant Heater - Measured Coolant Outlet Temp

°F

Low Temp Passive Pump - Temperature

°F

Low Temp Active Pump - Temperature

°F

Battery Feed Voltage 3 Sense

Volts

Battery Feed Voltage 2 Sense

Volts

Internal EPS Voltage Sense A

Volts

Internal EPS Voltage Sense B

Volts

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

Commanded Torque - Motor A

Ft-Lbs

Available Regen Torque - Motor B

Ft-Lbs

Battery Feed Voltage 1 Sense

Volts

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 A Resolver Angle		Degree
Motor B - Inverter Current - phase C		AMP
Motor B Resolver Angle		Degree
Motor B - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase B		AMP
Electric Motor A Speed		rpm
HV Battery Voltage from BPCM		Volts
PIM DC Link Voltage - A		Volts
Electric Motor B Speed		rpm
PIM DC Link Voltage - B		Volts
Inverter A IGBT Temperature for phase A		°F
Inverter A IGBT Temperature for phase C		°F
Inverter A IGBT Temperature for phase B		°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
Motor B Torque		Ft-Lbs
Motor A Torque		Ft-Lbs
Distance Travelled with Light ON		miles
GPS Date - Year		Year
GPS Date - Day		Days
UTC Time - Hours		Hours
GPS Date - Month		
HV Battery Sleep Time		Days
UTC Time - Minutes		
UTC Time - Seconds		seconds
ECU Time - Milliseconds		ms

HCP | U1123-00 | Pending | Lost Communication With LIN ECU 3-

NAME	VALUE	UNITS
Test Failed	False	
DTC	D1 23 00	
Confirmed DTC	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag		
Warning Indicator Requested	False	
Brake Switch Status		
PHEV Charging Status		
Ignition State		
PRND Position Display		

Propulsion System Active		
Thermal System Enable State		
High Temperature Shut-Off Valve Status		
Chiller Shut-Off Valve Status		
Front Refrigerant Shut-Off Valve Status		
Hybrid System State		
CBC Wake-Up Input		
HV Contactor Status		
EPT LOC Diag Enable		
APM Status		
Impact Event		
HCP System Shutdown Command		
OBCM Operating Mode		
J1772 Prox Detected State		
Original Odometer Value		miles
Ignition Cycle Counter		
Real time clock		sec
Most Recent Odometer Value		miles
Frequency Counter		
RAM stamps keyOn		sec
RAM Stamps		Min
Accelerator Pedal Position		%
Engine Speed		rpm
HV Battery SOC		%
Engine Coolant Temperature		°F
Barometric Pressure		PSI
Vehicle Speed		MPH
Passive Pump Coolant Temp In Sensor		°F
A/C Refrigerant Pressure		PSI
Motor A Temp Sensor		°F
Electric Coolant Heater Temp Sensor		°F
Heater Core Coolant Temp Sensor		°F
Outside Air Temperature		°F
Motor B Temp Sensor		°F
EAC Compressor Speed		rpm
Radiator Fan Duty Cycle		%
High Temp Cabin Valve Feedback		degrees
Low Temp Active Pump - Temperature		°F
HV Coolant Heater - Measured Coolant Outlet Temp		°F
HV Coolant Heater - Measured Coolant Inlet Temp		°F
Battery Feed Voltage 2 Sense		Volts
Low Temp Passive Pump - Temperature		°F
Battery Feed Voltage 3 Sense		Volts
Internal EPS Voltage Sense A		Volts

Internal EPS Voltage Sense B		Volts
Actual Torque - Motor B		Ft-Lbs
Battery Feed Voltage 1 Sense		Volts
Available Motor Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Motor A - Inverter Current - phase A		AMP
Commanded Torque - Motor B		Ft-Lbs
Motor B - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase C		AMP
Motor A Resolver Angle		Degree
Motor B Resolver Angle		Degree
HV Battery Voltage from BPCM		Volts
Electric Motor B Speed		rpm
Electric Motor A Speed		rpm
PIM DC Link Voltage - B		Volts
Inverter A IGBT Temperature for phase A		°F
PIM DC Link Voltage - A		Volts
Inverter A IGBT Temperature for phase B		°F
Inverter A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase B		°F
Distance Travelled with Light ON		miles
Inverter B IGBT Temperature for phase A		°F
Motor A Torque		Ft-Lbs
Motor B Torque		Ft-Lbs
HV Battery Sleep Time		Days
GPS Date - Month		
GPS Date - Day		Days
GPS Date - Year		Year
UTC Time - Minutes		
ECU Time - Milliseconds		ms
UTC Time - Hours		Hours
UTC Time - Seconds		seconds

HCP | U1124-00 | Pending | Lost Communication With LIN ECU 4-

NAME	VALUE	UNITS
Pending DTC	True	
DTC	D1 24 00	

Test Failed	False	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	True	
Confirmed DTC	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag		
Warning Indicator Requested	False	
PHEV Charging Status		
Brake Switch Status		
Ignition State		
PRND Position Display		
Propulsion System Active		
Thermal System Enable State		
High Temperature Shut-Off Valve Status		
Front Refrigerant Shut-Off Valve Status		
Chiller Shut-Off Valve Status		
Hybrid System State		
EPT LOC Diag Enable		
CBC Wake-Up Input		
HV Contactor Status		
APM Status		
Impact Event		
HCP System Shutdown Command		
J1772 Prox Detected State		
OBCM Operating Mode		
Original Odometer Value		miles
Real time clock		sec
Most Recent Odometer Value		miles
RAM stamps keyOn		sec
Ignition Cycle Counter		
Frequency Counter		
Accelerator Pedal Position		%
Engine Speed		rpm
RAM Stamps		Min
HV Battery SOC		%
Vehicle Speed		MPH
Engine Coolant Temperature		°F
Barometric Pressure		PSI
Passive Pump Coolant Temp In Sensor		°F
A/C Refrigerant Pressure		PSI
Motor A Temp Sensor		°F
Electric Coolant Heater Temp Sensor		°F
Heater Core Coolant Temp Sensor		°F

Motor B Temp Sensor	°F
Outside Air Temperature	°F
EAC Compressor Speed	rpm
High Temp Cabin Valve Feedback	degrees
Radiator Fan Duty Cycle	%
HV Coolant Heater - Measured Coolant Inlet Temp	°F
Low Temp Passive Pump - Temperature	°F
HV Coolant Heater - Measured Coolant Outlet Temp	°F
Low Temp Active Pump - Temperature	°F
Internal EPS Voltage Sense A	Volts
Battery Feed Voltage 2 Sense	Volts
Battery Feed Voltage 3 Sense	Volts
Internal EPS Voltage Sense B	Volts
Battery Feed Voltage 1 Sense	Volts
Available Motor Torque - Motor A	Ft-Lbs
Actual Torque - Motor B	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
Motor A - Inverter Current - phase A	AMP
Commanded Torque - Motor B	Ft-Lbs
Motor A - Inverter Current - phase C	AMP
Motor B - Inverter Current - phase A	AMP
Motor A - Inverter Current - phase B	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
HV Battery Voltage from BPCM	Volts
Electric Motor B Speed	rpm
Electric Motor A Speed	rpm
PIM DC Link Voltage - B	Volts
PIM DC Link Voltage - A	Volts
Inverter A IGBT Temperature for phase B	°F
Inverter A IGBT Temperature for phase A	°F
Inverter A IGBT Temperature for phase C	°F
Inverter B IGBT Temperature for phase B	°F
Inverter B IGBT Temperature for phase A	°F
Inverter B IGBT Temperature for phase C	°F
Motor A Torque	Ft-Lbs
Distance Travelled with Light ON	miles
HV Battery Sleep Time	Days
GPS Date - Day	Days

Motor B Torque		Ft-Lbs
GPS Date - Month		
GPS Date - Year		Year
UTC Time - Hours		Hours
UTC Time - Seconds		seconds
UTC Time - Minutes		
ECU Time - Milliseconds		ms

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0CEA-00

No Snapshot Data available for U0623-00

No Snapshot Data available for U1123-00

No Snapshot Data available for U1124-00



VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1S73 [REDACTED]

Odometer 4615.4 miles
Publication Date Apr 21, 2021, 4:50:42 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT V	ORIGINAL V	PART #
PCM	Powertrain Control Module	CAN-C	68499122AD	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68499122AD
PLGM	Power Liftgate	CAN-I	68466171AF	2C4RC1S73 [REDACTED]	—	68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68493454AE
DDM	Driver Door Module	CAN-I	68496461AB	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68517013AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68434960AE
PTS	Parktronics	CAN-C	68485862AA	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68485862AA
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1S73 [REDACTED]	2C4RC1S73 [REDACTED]	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AA	2C4RC1S7		2C4RC1S73	68540436AA
RADIO	Radio	CAN-I	68465292AC	2C4RC1S7		2C4RC1S73	68465292AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1S7		2C4RC1S73	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1S7		2C4RC1S73	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S7		2C4RC1S73	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S7		2C4RC1S73	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1S7		2C4RC1S73	68493395AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1S7		2C4RC1S73	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE	2C4RC1S7		2C4RC1S73	05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AF	2C4RC1S7		2C4RC1S73	05185116AF
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1S7		2C4RC1S73	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1S7		2C4RC1S73	68321862AC
DSM	Display Screen Module	CAN-I	68437339AD	2C4RC1S7		2C4RC1S73	68437339AD
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1S7		2C4RC1S73	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1S7		2C4RC1S73	56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1S7		2C4RC1S73	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AF	2C4RC1S7		2C4RC1S73	05185117AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1S7		2C4RC1S73	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1S7		2C4RC1S73	68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB			2C4RC1S73	68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1S7		2C4RC1S73	68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	75 00 01	4422	941DFC50
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	

HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	FE120BB2 29C5A4AB 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	
TBM2	USA	13 0E 02	14 2A 5C	4104	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PLGM	B1975-00	Power Liftgate Latch Cinch - Ratchet Secondary Switch Performance-	Stored
BCM	U151A-87	Hybrid Control Processor Secret Code-Missing Message	Stored
HCP	P0513-00	Invalid SKIM Key-	Stored
HCP	P0A3C-00	Drive Motor A Inverter Over Temperature-	Stored
HCP	P0A3D-00	Drive Motor B Inverter Over Temperature-	Stored

HCP	P0CEA-00	Hybrid/EV Electronics Coolant Pump "A" Performance-	Stored
HCP	U0623-00	Lost Communication with Coolant Pump "A"-	Stored

ENVIRONMENTAL DATA SUMMARY

PLGM | B1975-00 | Stored | Power Liftgate Latch Cinch - Ratchet Secondary Switch Performance-

NAME	VALUE	UNITS
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BCM | U151A-87 | Stored | Hybrid Control Processor Secret Code-Missing Message

NAME	VALUE	UNITS
Pending DTC	False	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Ignition Cycle Counter	44	
Occurrence flag	Error	
Most Recent Odometer Value	4315	miles
Frequency Counter	1	
Original Odometer Value	4315	miles

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

NAME	VALUE	UNITS
Test Failed	False	
Pending DTC	False	
Confirmed DTC	True	
DTC	05 13 00	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Ignition State	Ignition Off/ACC	
Brake Switch Status	Applied	
PRND Position Display	P	
Propulsion System Active	False	
SW Build Release Version	PIM_21B_2007B0_RU_HCP__	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	

HV Contactor Status	Closed	
HCP SW Version	21B	
EPT LOC Diag Enable	Disable LOC Daignostic	
Impact Event	False	
HCP System Shutdown Command	Default	
J1772 Prox Detected State	Prox Out	
APM Status	Buck CV	
OBCM Operating Mode	UTC	
Hybrid System State	High Voltage Enabled	
PHEV Charging Status	No Charging	
Original Odometer Value	4318.5	miles
RAM Stamps	42059	Min
Most Recent Odometer Value	4318.5	miles
Frequency Counter	1	
Accelerator Pedal Position	0	%
RAM stamps keyOn	0	sec
Vehicle Speed	0.0000	MPH
Engine Speed	0	rpm
Ignition Cycle Counter	17	
Motor A Temp Sensor	91	°F
Real time clock	10137540	sec
Engine Coolant Temperature	82	°F
HV Battery SOC	76	%
Internal EPS Voltage Sense B	8.136	Volts
Barometric Pressure	14	PSI
Motor B Temp Sensor	88	°F
Internal EPS Voltage Sense A	8.208	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Available Motor Torque - Motor B	116.150	Ft-Lbs
Available Motor Torque - Motor A	43.603	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Actual Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Available Regen Torque - Motor B	-116.150	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Available Regen Torque - Motor A	-43.603	Ft-Lbs
Motor A Resolver Angle	282	Degree
Motor B - Inverter Current - phase B	0	AMP
Commanded Torque - Motor A	0.000	Ft-Lbs
PIM DC Link Voltage - A	384	Volts

Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	14	Degree
Electric Motor B Speed	0.5	rpm
Outside Air Temperature	68.0	°F
HV Battery Sleep Time	0	Days
HV Battery Voltage from BPCM	386.10	Volts
Electric Motor A Speed	0.0	rpm
PIM DC Link Voltage - B	388	Volts
Inverter B IGBT Temperature for phase A	100	°F
Battery Feed Voltage 2 Sense	12.960	Volts
Battery Feed Voltage 3 Sense	12.888	Volts
Battery Feed Voltage 1 Sense	12.888	Volts
Inverter A IGBT Temperature for phase C	99	°F
Inverter A IGBT Temperature for phase A	99	°F
GPS Date - Year	2021	Year
Inverter A IGBT Temperature for phase B	99	°F
GPS Date - Month	4	
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase C	100	°F
Inverter B IGBT Temperature for phase B	100	°F
UTC Time - Seconds	0	seconds
GPS Date - Day	15	Days
UTC Time - Minutes	31	
ECU Time - Milliseconds	238	ms
UTC Time - Hours	11	Hours

HCP | P0A3C-00 | Stored | Drive Motor A Inverter Over Temperature-

NAME	VALUE	UNITS
DTC	0A 3C 00	
Pending DTC	False	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Test Failed	False	
Test Failed This Operation Cycle	False	
Occurrence flag	Occurrence	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PHEV Charging Status	No Charging	
PRND Position Display	D	
Propulsion System Active	True	
Motor A Phase U Cross Conduction Fault - High-Side	False	

Motor A Phase U Short 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 Thermal Warning Fault - High-Side	False	
Motor A Phase U Thermal Shutdown Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-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 Hardware Error Fault - High-Side	False	
Motor A Phase U Short Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - Low-Side	False	
Motor A Phase U Thermal Shutdown 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 U Hardware Error Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - Low-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 Cross Conduction Fault - Low-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 Hardware Error Fault - Low-Side	False	
Motor A Phase V Thermal Shutdown 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 W Over Current Fault - High-Side	False	
Motor A Phase V SPI Error Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase W Short Fault - High-Side	False	
Motor A Phase W Thermal Warning Fault - High-Side	False	
Motor A Phase W Cross Conduction Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown 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 SPI Error 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 Over Current Fault - Low-Side	False	

Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Hardware Error Fault - Low-Side	False	
Hybrid System State	Propulsion System Active	
HV Contactor Status	Closed	
Inverter B Status Feedback	Normal On	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
CBC Wake-Up Input	Off	
APM Status	Buck CV	
HCP System Shutdown Command	Default	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Motor A Phase U Under Voltage Fault VH - High-Side	False	
Commanded Inverter A State	Torque Control	
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 Under Voltage Fault VH - Low-Side	False	
Motor A Phase U Over Voltage Fault VH - Low-Side	False	
Motor A Phase U Under Voltage Fault VDD - 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	
Inverter Status Feedback	Normal On	
Motor A Phase U Over Voltage Fault VDD - Low-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - High-Side	False	
Motor A Phase V Over Voltage Fault VH - 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 VH - Low-Side	False	
Motor A Phase V Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Under Voltage Fault VDD - High-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase U Under Voltage Fault VL - High-Side	False	
Motor A Phase V Over Voltage Fault VL - 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 V Under Voltage Fault VH - High-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 W Over Voltage Fault VDD - High-Side	False	
Motor A Phase W Under Voltage Fault VDD - High-Side	False	
Motor A Phase W Under Voltage Fault VH - High-Side	False	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - 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 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 VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Inverter A Status Feedback	Normal On	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Original Odometer Value	4346.6	miles
Real time clock	10502544	sec
Frequency Counter	3	
Ignition Cycle Counter	17	
Engine Coolant Temperature	183	°F
Accelerator Pedal Position	0	%
Engine Speed	1401	rpm
RAM Stamps	45006	Min
Most Recent Odometer Value	4603.6	miles
Barometric Pressure	14	PSI
Vehicle Speed	16.2430	MPH
HV Battery SOC	24	%
Electric Motor A Speed	3611.0	rpm
Inverter A Input DC Current	-13.4	AMP
Motor A - Inverter Current - phase B	-72	AMP
Motor A - Inverter Current - phase A	56	AMP
Actual Torque - Motor A	-15.395	Ft-Lbs
Available Motor Torque - Motor A	85.730	Ft-Lbs
Internal EPS Voltage Sense B	8.136	Volts
RAM stamps keyOn	15	sec
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor A - Inverter Current - phase C	8	AMP
Battery Feed Voltage 2 Sense	14.760	Volts
PIM DC Link Voltage - A	330	Volts
Internal EPS Voltage Sense A	8.208	Volts
Low Temp Active Pump Speed	0	rpm
PIM DC Link Voltage - B	333	Volts
High Temp Aux Pump - Actual Speed	0	rpm
Battery Feed Voltage 3 Sense	14.760	Volts

Passive Pump Coolant Temp In Sensor	75	°F
Outside Air Temperature	66.2	°F
Available Motor Torque - Motor B	235.988	Ft-Lbs
Battery Feed Voltage 1 Sense	14.616	Volts
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Commanded Torque - Motor A	-15.210	Ft-Lbs
Motor B - Inverter Current - phase A	-36	AMP
Motor B - Inverter Current - phase C	172	AMP
Available Regen Torque - Motor B	-235.988	Ft-Lbs
Commanded Torque - Motor B	107.946	Ft-Lbs
Inverter A IGBT Temperature for phase C	228	°F
Actual Torque - Motor B	107.024	Ft-Lbs
Motor B Temp Sensor	127	°F
HV Battery Voltage from BPCM	331.10	Volts
Inverter A IGBT Temperature for phase A	241	°F
Motor B Resolver Angle	132	Degree
Motor B - Inverter Current - phase B	-144	AMP
Electric Motor B Speed	1803.5	rpm
Inverter B IGBT Temperature for phase B	237	°F
Inverter B IGBT Temperature for phase C	223	°F
Distance Travelled with Light ON	3	miles
Motor A Torque	-15.395	Ft-Lbs
Inverter A IGBT Temperature for phase B	239	°F
Inverter B IGBT Temperature for phase A	250	°F
GPS Date - Month	4	
GPS Date - Year	2021	Year
UTC Time - Minutes	54	
Motor B Torque	107.024	Ft-Lbs
HV Battery Sleep Time	0	Days
UTC Time - Hours	16	Hours
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	6	ms
GPS Date - Day	19	Days

HCP | P0A3D-00 | Stored | Drive Motor B Inverter Over Temperature-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
DTC	0A 3D 00	
Confirmed DTC	True	
Pending DTC	False	
Occurrence flag	Occurrence	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	

Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Propulsion System Active	True	
Ignition State	Reserved	
PRND Position Display	D	
Commanded Inverter B State	Torque Control	
Inverter B Status Feedback	Normal On	
Motor B Phase U Thermal Warning Fault - High-Side	False	
Motor B Phase U Thermal Shutdown Fault - High-Side	False	
Motor B Phase U Hardware Error Fault - High-Side	False	
Motor B Phase U Short Fault - Low-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase U Cross Conduction Fault - High-Side	False	
Motor B Phase U Short Fault - High-Side	False	
Motor B Phase U Over Current Fault - Low-Side	False	
Motor B Phase U Thermal Warning Fault - Low-Side	False	
Motor B Phase U SPI Error Fault - High-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase U Cross Conduction Fault - Low-Side	False	
Motor B Phase V Cross Conduction Fault - High-Side	False	
Motor B Phase V Over Current Fault - High-Side	False	
Motor B Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase U SPI Error Fault - Low-Side	False	
Motor B Phase V Short Fault - High-Side	False	
Motor B Phase U Thermal Shutdown Fault - Low-Side	False	
Motor B Phase V Thermal Shutdown Fault - High-Side	False	
Motor B Phase V Thermal Warning Fault - High-Side	False	
Motor B Phase U Hardware Error Fault - Low-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase V SPI Error Fault - High-Side	False	
Motor B Phase V Hardware Error Fault - High-Side	False	
Motor B Phase V Thermal Warning Fault - Low-Side	False	
Motor B Phase V Short Fault - Low-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase V Thermal Shutdown Fault - Low-Side	False	
Motor B Phase V Over Current Fault - Low-Side	False	
Motor B Phase V Cross Conduction Fault - Low-Side	False	
Motor B Phase W Short Fault - High-Side	False	
Motor B Phase V Hardware Error Fault - Low-Side	False	
Motor B Phase V SPI Error Fault - Low-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	

Motor B Phase W Thermal Warning Fault - High-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase W Cross Conduction Fault - High-Side	False	
Motor B Phase W Over Current Fault - High-Side	False	
Motor B Phase W Hardware Error Fault - High-Side	False	
Motor B Phase W Short Fault - Low-Side	False	
Motor B Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase W SPI Error Fault - High-Side	False	
Motor B Phase W Thermal Shutdown Fault - Low-Side	False	
Motor B Phase W Cross Conduction Fault - Low-Side	False	
Motor B Phase W Thermal Warning Fault - Low-Side	False	
Motor B Phase W Over Current Fault - Low-Side	False	
Motor B Phase W SPI Error Fault - Low-Side	False	
Motor B Phase W Hardware Error Fault - Low-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Hybrid System State	Propulsion System Active	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
HCP System Shutdown Command	Default	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Phase U Over Current Fault - High-Side	False	
Motor B Phase U Over Voltage Fault VL - High-Side	False	
Motor B Phase U Under Voltage Fault VL - High-Side	False	
Motor B Phase U Under Voltage Fault VH - High-Side	False	
Motor B Phase U Under Voltage Fault VDD - High-Side	False	
Motor B Phase U Over Voltage Fault VDD - High-Side	False	
Motor B Phase U Over Voltage Fault VH - High-Side	False	
Motor B Phase U Over Voltage Fault VDD - Low-Side	False	
Motor B Phase U Over Voltage Fault VL - Low-Side	False	
Motor B Phase U Over Voltage Fault VH - Low-Side	False	
Motor B Phase U Under Voltage Fault VH - Low-Side	False	
Motor B Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase V Over Voltage Fault VH - High-Side	False	
Motor B Phase V Under Voltage Fault VH - High-Side	False	
Motor B Phase U Under Voltage Fault VL - Low-Side	False	
Motor B Phase V Under Voltage Fault VL - High-Side	False	
Motor B Phase V Over Voltage Fault VDD - High-Side	False	
Motor B Phase U Under Voltage Fault VDD - Low-Side	False	

Motor B Phase V Over Voltage Fault VL - High-Side	False	
Motor B Phase V Under Voltage Fault VDD - High-Side	False	
Motor B Phase V Under Voltage Fault VDD - Low-Side	False	
Motor B Phase V Over Voltage Fault VL - Low-Side	False	
Motor B Phase V Under Voltage Fault VL - Low-Side	False	
Motor B Phase V Over Voltage Fault VH - Low-Side	False	
Motor B Phase V Under Voltage Fault VH - Low-Side	False	
Motor B Phase W Over Voltage Fault VH - High-Side	False	
Motor B Phase V Over Voltage Fault VDD - Low-Side	False	
Motor B Phase W Over Voltage Fault VDD - High-Side	False	
Motor B Phase W Under Voltage Fault VDD - High-Side	False	
Motor B Phase W Under Voltage Fault VH - High-Side	False	
Motor B Phase W Thermal Shutdown Fault - High-Side	False	
Motor B Phase W Over Voltage Fault VL - High-Side	False	
Motor B Phase W Under Voltage Fault VL - High-Side	False	
Motor B Phase W Over Voltage Fault VDD - Low-Side	False	
Motor B Phase W Over Voltage Fault VL - Low-Side	False	
Motor B Phase W Over Voltage Fault VH - Low-Side	False	
Motor B Phase W Under Voltage Fault VH - Low-Side	False	
Motor B Phase W Under Voltage Fault VDD - Low-Side	False	
Motor B Phase W Under Voltage Fault VL - Low-Side	False	
Most Recent Odometer Value	4603.6	miles
Original Odometer Value	4346.6	miles
Frequency Counter	3	
RAM stamps keyOn	15	sec
Ignition Cycle Counter	17	
Real time clock	10502538	sec
HV Battery SOC	24	%
Engine Speed	1391	rpm
RAM Stamps	45006	Min
Barometric Pressure	14	PSI
Accelerator Pedal Position	0	%
Engine Coolant Temperature	183	°F
Vehicle Speed	9.7866	MPH
Electric Motor B Speed	1088.5	rpm
Inverter B Input DC Current	-4.6	AMP
Available Motor Torque - Motor B	235.988	Ft-Lbs
Actual Torque - Motor B	-23.414	Ft-Lbs
Motor B - Inverter Current - phase C	24	AMP
Internal EPS Voltage Sense B	8.136	Volts
Motor B - Inverter Current - phase A	-52	AMP
Motor B - Inverter Current - phase B	20	AMP
Internal EPS Voltage Sense A	8.208	Volts
Battery Feed Voltage 2 Sense	14.688	Volts

Motor B Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 1 Sense	14.616	Volts
Battery Feed Voltage 3 Sense	14.688	Volts
Motor A - Inverter Current - phase B	-56	AMP
Available Regen Torque - Motor B	-235.988	Ft-Lbs
Available Motor Torque - Motor A	85.730	Ft-Lbs
Commanded Torque - Motor A	-13.551	Ft-Lbs
Commanded Torque - Motor B	-22.400	Ft-Lbs
Motor A Temp Sensor	122	°F
Motor A - Inverter Current - phase C	-16	AMP
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Motor A - Inverter Current - phase A	64	AMP
Actual Torque - Motor A	-13.274	Ft-Lbs
Inverter A IGBT Temperature for phase B	234	°F
Motor A Resolver Angle	100	Degree
HV Battery Voltage from BPCM	340.00	Volts
Outside Air Temperature	66.2	°F
Inverter A IGBT Temperature for phase C	221	°F
Inverter B IGBT Temperature for phase A	241	°F
Electric Motor A Speed	4439.0	rpm
Inverter B IGBT Temperature for phase B	230	°F
Motor A Torque	-13.274	Ft-Lbs
HV Battery Sleep Time	0	Days
PIM DC Link Voltage - A	339	Volts
Inverter A IGBT Temperature for phase A	232	°F
Distance Travelled with Light ON	3	miles
Inverter B IGBT Temperature for phase C	216	°F
Motor B Torque	-23.414	Ft-Lbs
PIM DC Link Voltage - B	342	Volts
GPS Date - Day	19	Days
GPS Date - Month	4	
ECU Time - Milliseconds	38	ms
GPS Date - Year	2021	Year
UTC Time - Seconds	0	seconds
UTC Time - Minutes	54	
UTC Time - Hours	16	Hours

HCP | POCEA-00 | Stored | Hybrid/EV Electronics Coolant Pump "A" Performance-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
DTC	0C EA 00	
Test Failed	False	
Test Failed Since Last Clear	True	
Pending DTC	False	

Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Test Not Completed Since Last Clear	False	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PHEV Charging Status	No Charging	
Propulsion System Active	True	
PRND Position Display	P	
Low Temp Passive Pump - RPM Monitoring	Rotation Monitoring Active	
Low Temp Passive Pump - Limp Home	False	
Low Temp Passive Pump - Dry Run	No Dry Run Detected	
Low Temp Passive Pump - Over Temperature	No Over temperature	
Low Temp Passive Pump - Over Current	No Over Current	
Low Temp Passive Pump - Post Running Mode Status	No Post Running	
Low Temp Passive Pump - Voltage Error	Supply Voltage in Specified Range (Vbatt less than 20V)	
Response Error	No Error	
Low Temp Passive Pump - Deblocking	Deblocking not Active	
Low Temp Passive Pump - Fail Safe	Fail Safe Activated	
Hybrid System State	Propulsion System Active	
CBC Wake-Up Input	Off	
HV Contactor Status	Closed	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
APM Status	Buck CV	
Impact Event	False	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
HCP System Shutdown Command	Default	
Most Recent Odometer Value	4601.7	miles
Real time clock	10501940	sec
Original Odometer Value	4601.7	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Accelerator Pedal Position	0	%
HV Battery SOC	24	%
Engine Speed	0	rpm
RAM stamps keyOn	0	sec
RAM Stamps	44998	Min
Engine Coolant Temperature	153	°F
Passive Pump Coolant Temp In Sensor	84	°F
Vehicle Speed	0.0000	MPH
Low Temp Passive Pump - Voltage	12.0	Volts

Low Temp Passive Pump - Temperature	77	°F
Low Temp Passive Pump - Target Speed	504	rpm
Low Temp Passive Pump - Actual Speed	192	rpm
Internal EPS Voltage Sense A	8.208	Volts
Battery Feed Voltage 2 Sense	14.760	Volts
Low Temp Passive Pump - Current	2.0	AMP
Barometric Pressure	14	PSI
Electric Motor B Speed	1.0	rpm
Actual Torque - Motor B	-23.046	Ft-Lbs
Internal EPS Voltage Sense B	8.136	Volts
Battery Feed Voltage 3 Sense	14.688	Volts
PIM DC Link Voltage - B	339	Volts
PIM DC Link Voltage - A	336	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Electric Motor A Speed	3.0	rpm
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.393	Ft-Lbs
Battery Feed Voltage 1 Sense	14.688	Volts
Commanded Torque - Motor B	-23.046	Ft-Lbs
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-52	AMP
Available Regen Torque - Motor B	-232.393	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor B Resolver Angle	284	Degree
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Motor B Temp Sensor	117	°F
Motor A - Inverter Current - phase A	0	AMP
Motor A Resolver Angle	194	Degree
Outside Air Temperature	68.0	°F
Motor A - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	20	AMP
Inverter B IGBT Temperature for phase B	109	°F
Inverter B IGBT Temperature for phase A	111	°F
Inverter B IGBT Temperature for phase C	109	°F
Motor A Temp Sensor	109	°F
Motor B - Inverter Current - phase B	28	AMP
Inverter A IGBT Temperature for phase B	104	°F
Distance Travelled with Light ON	0	miles
Inverter A IGBT Temperature for phase C	102	°F
HV Battery Voltage from BPCM	337.60	Volts
GPS Date - Month	4	
GPS Date - Year	2021	Year
Inverter A IGBT Temperature for phase A	104	°F
Motor B Torque	-23.046	Ft-Lbs

UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	169	ms
Motor A Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
GPS Date - Day	19	Days
UTC Time - Minutes	44	
UTC Time - Hours	16	Hours

HCP | U0623-00 | Stored | Lost Communication with Coolant Pump "A"-

NAME	VALUE	UNITS
DTC	C6 23 00	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Test Failed	False	
Test Failed This Operation Cycle	False	
Warning Indicator Requested	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
PHEV Charging Status	No Charging	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
Propulsion System Active	True	
PRND Position Display	P	
Thermal System Enable State	On	
High Temperature Shut-Off Valve Status	On	
Chiller Shut-Off Valve Status	On	
Front Refrigerant Shut-Off Valve Status	Off	
Hybrid System State	Propulsion System Active	
CBC Wake-Up Input	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Frequency Counter	1	
Ignition Cycle Counter	0	
Most Recent Odometer Value	4601.7	miles
RAM stamps keyOn	0	sec
RAM Stamps	44998	Min
Accelerator Pedal Position	0	%

Original Odometer Value	4601.7	miles
Real time clock	10501940	sec
Barometric Pressure	14	PSI
Engine Coolant Temperature	153	°F
HV Battery SOC	24	%
Engine Speed	0	rpm
A/C Refrigerant Pressure	101.5	PSI
Passive Pump Coolant Temp In Sensor	84	°F
Heater Core Coolant Temp Sensor	122	°F
Vehicle Speed	0.0000	MPH
EAC Compressor Speed	2085	rpm
Outside Air Temperature	68.0	°F
Motor B Temp Sensor	117	°F
Motor A Temp Sensor	109	°F
Radiator Fan Duty Cycle	50	%
HV Coolant Heater - Measured Coolant Inlet Temp	133	°F
Electric Coolant Heater Temp Sensor	120	°F
High Temp Cabin Valve Feedback	100.00	degrees
Low Temp Passive Pump - Temperature	77	°F
Battery Feed Voltage 2 Sense	14.760	Volts
HV Coolant Heater - Measured Coolant Outlet Temp	131	°F
Low Temp Active Pump - Temperature	81	°F
Internal EPS Voltage Sense A	8.208	Volts
Battery Feed Voltage 3 Sense	14.688	Volts
Internal EPS Voltage Sense B	8.136	Volts
Battery Feed Voltage 1 Sense	14.688	Volts
Available Motor Torque - Motor B	232.393	Ft-Lbs
Actual Torque - Motor B	-23.138	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.393	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor A - Inverter Current - phase A	0	AMP
Motor A Resolver Angle	194	Degree
Motor B - Inverter Current - phase A	-56	AMP
Electric Motor A Speed	2.5	rpm
Motor B - Inverter Current - phase B	28	AMP
Motor B - Inverter Current - phase C	20	AMP
PIM DC Link Voltage - A	336	Volts
HV Battery Voltage from BPCM	337.60	Volts
PIM DC Link Voltage - B	339	Volts
Commanded Torque - Motor B	-23.046	Ft-Lbs

Electric Motor B Speed	1.5	rpm
Inverter A IGBT Temperature for phase B	104	°F
Inverter A IGBT Temperature for phase A	104	°F
Motor B Resolver Angle	284	Degree
Inverter B IGBT Temperature for phase A	111	°F
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase B	109	°F
Inverter B IGBT Temperature for phase C	109	°F
Inverter A IGBT Temperature for phase C	102	°F
GPS Date - Month	4	
UTC Time - Seconds	0	seconds
GPS Date - Year	2021	Year
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	-23.138	Ft-Lbs
UTC Time - Hours	16	Hours
UTC Time - Minutes	44	
GPS Date - Day	19	Days
HV Battery Sleep Time	0	Days
ECU Time - Milliseconds	56	ms

SNAPSHOT DATA SUMMARY

No Snapshot Data available for B1975-00

No Snapshot Data available for U151A-87

No Snapshot Data available for P0513-00

No Snapshot Data available for P0A3C-00

No Snapshot Data available for P0A3D-00

No Snapshot Data available for P0CEA-00

No Snapshot Data available for U0623-00



CONFIGURATION REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1S7 [REDACTED]

Odometer 5737.9 miles
Publication Date Jun 7, 2021, 11:12:01 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68499122AD	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68499122AD
PLGM	Power Liftgate	CAN-I	68466171AF	2C4RC1S7 [REDACTED]	—	68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68493454AE
DDM	Driver Door Module	CAN-I	68496461AB	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68517013AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68434960AE
PTS	Parktronics	CAN-C	68485862AA	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68485862AA
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1S7 [REDACTED]	2C4RC1S7 [REDACTED]	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AA	2C4RC1S73	2C4RC1S73	68540436AA
RADIO	Radio	CAN-I	68465292AC	2C4RC1S73	2C4RC1S73	68465292AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1S73	2C4RC1S73	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1S73	2C4RC1S73	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S73	2C4RC1S73	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S73	2C4RC1S73	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1S73	2C4RC1S73	68493395AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1S73	2C4RC1S73	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE	2C4RC1S73	2C4RC1S73	05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AF	2C4RC1S73	2C4RC1S73	05185116AF
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1S73	2C4RC1S73	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1S73	2C4RC1S73	68321862AC
DSM	Display Screen Module	CAN-I	68437339AD	2C4RC1S73	2C4RC1S73	68437339AD
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1S73	2C4RC1S73	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1S73	2C4RC1S73	56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1S73	2C4RC1S73	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AF	2C4RC1S73	2C4RC1S73	05185117AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1S73	2C4RC1S73	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1S73	2C4RC1S73	68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		2C4RC1S73	68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1S73	2C4RC1S73	68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	75 00 01	4422	941DFC50
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	

HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	FE120BB2 29C5A4AB 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	
TBM2	USA	13 0E 02	14 2A 5C	4104	

CONFIGURATION

PCM CONFIGURATION

NAME	VALUE	UNITS
Secondary Mass Airflow Sensor Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Active Exhaust Valve(s) Equipped	False	
Electronic Parking Brake Equipped	True	

Heater Temp Control Valve Equipped	False	
Wastegate HBridge Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Mechanical Coolant Pump Equipped	False	
High Side Port Tumble Valve Equipped	False	
Direct Injection Equipped	False	
Brake Pedal Sensor Equipped	False	
Active Engine Mount Equipped	False	
SRV Equipped	False	
Clutch Interlock Switch Equipped	False	
Mechanical Coolant Pump Heater Equipped	False	
2.0 Liter W14 engine	False	
Transmission Software Included	False	
Sensorless FFV Enabled	False	
TIP Equipped	False	
5.7 Liter V8 Engine	False	
62TE	False	
Adaptive Cruise Control Hardware Equipped	False	
MDS Equipped	False	
Electric Thermostat Heater Equipped	False	
Rear Heater Equipped	False	
Unleaded Gasoline Fuel	True	
Knock Sensor 2 Equipped	True	
ETC Cruise equipped	False	
3.8 Liter V6 Engine	False	
ZF 9-Speed Transmission Equipped	False	
AC Equipped Over Bus	False	
VLP Is Learnable Indicator	False	
Power Steering Switch Equipped	False	
Primary Lin Alternator Equipped	False	
Tumble Generator Valve Equipped	False	
Fiat 940 Compact Equipped	False	
CUSW PROXI Write Programming Support Enabled	False	
Engine Software In Package	True	
Dual Fuel Pressure Sensor Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	False	
66RFE / 68RFE	False	
A/C Equipped	True	
4 Speed Automatic Transmission Equipped	False	
Electronic Throttle Control Equipped	True	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
Secondary Air Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
Shift Indicator Lamp Equipped	False	

3.3 Liter V6 Engine	False	
4.0 Liter I6 Engine	False	
Turbocharger Equipped	False	
45RFE / 545RFE / 65RFE	False	
3 Speed Fan Mechanical Relay System Equipped	False	
GPEC3 Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
Constant Heater Temperature Control Valve Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Secondary Fuel Pump Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
Fixed displacement AC Equipped	True	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
PTO System Equipped	False	
VMM Equipped	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
Viscosity Sensor Equipped	False	
Transmission Oil Heater Equipped	False	
Electronic Vacuum Pump Equipped	False	
MultiAir Equipped	False	
6.2 Liter V8 Engine	False	
Auxiliary Coolant Pump Equipped	False	
Police Package Equipped	False	
Linear Purge Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
2.7 Liter V6 Engine	False	
Oil Pressure Sensor Enabled	True	
Exhaust Cam 1 Equipped	True	
MTV Solenoid Equipped	False	
GPEC4 Equipped	False	
Active Exhaust Valve Equipped	False	
WI4 Variable Valve Timing Equipped	True	
Exhaust Cam 2 Equipped	True	
Supercharger Equipped	False	
Adaptive Cruise Control Equipped	True	
Continuous Variable Transmission Equipped	False	
Powernet Equipped	True	
Low Temperature Radiator Coolant Pump Equipped	False	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
3.7 Liter V6 Engine	False	
Port Flap Valve Equipped	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
WI4 Intake Flow Control Valve Equipped	False	
GPEC2A Equipped	True	

Trans Skip Shift Equipped	False	
42RLE	False	
4 Button Integrated Cruise Control	False	
Yaw Rate Sensor ESC Equipped	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
GPEC2 Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
Engine Idle Shutoff Equipped	False	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
3.0 Liter V6 Engine	False	
Operator Idle Speed Request Equipped	False	
Auxiliary Heater Electric Water Pump Equipped	False	
3.2 Liter V6 Engine	False	
Electronic Coolant Pump Equipped	False	
HPT 6-Speed Transmission Equipped	False	
Dual Fuel Tank Equipped	False	
Wide Range O2 Sensor 2/1 Equipped	False	
Engine Oil Heater Cooler Equipped	True	
Active Grille Shutter Equipped	True	
Coolant On-Off Valve Equipped	False	
Cummins Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
Fan Wake Up Relay System Equipped	False	
Linear EGR Equipped	False	
Barometric Sensor Equipped	False	
40TE / 41TE / 41TEA	False	
CMCV H-Bridge Equipped	Undefined	
Intake Cam 2 Equipped	True	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
AC Equipped	False	
1 Speed Fan Mechanical Relay System Equipped	False	
Battery Temp Sensor Equipped	False	
Dual Stage Oil Pump Equipped	True	
Dual Speed Fuel Pump Equipped	False	
Next Gen Bus Equipped	False	
EMAT (Getrag DCT transmission) Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Throttle Inlet Temp Sensor Equipped	False	
Starter Relay 2 Equipped	False	
Electric Coolant Valve Equipped	False	
Cooled EGR Equipped	False	
Duty Cycle Purge Valve Equipped	True	

Turbine Volute Valve Actuator Equipped	Undefined	
Vehicle Speed Sensor #1 Calculated from CAN	False	
Linear PWM Fan Relay System Equipped	False	
Knock Sensor 1 Equipped	True	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
VLP Equipped Indicator	False	
VFS Actuators Available Indicator	False	
Engine Stop Start Equipped	False	
1.0 Liter I3 Engine	False	
Variable Speed Fuel Pump Equipped	True	
Compressed Natural Gas Equipped	False	
ICC Cruise Equipped	False	
Coolant On-Off Pump Equipped	False	
3.6 Liter V6 Engine	True	
Unleaded diesel fuel	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
ESIM Equipped	False	
Variable Displacement AC Equipped	False	
4.7 Liter V8 Engine	False	
PWM Fan Motor System Equipped	True	
ERS Equipped Indicator	False	
Fiat VIN Learning Strategy Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Intake Cam 1 Equipped	True	
2 Speed Fan Mechanical Relay System Equipped	False	
6.4 Liter V8 Engine	False	
6.1 Liter V8 Engine	False	
2.4 Liter W14 engine	False	
Trans Reverse Lockout Equipped	False	
CUSW (11-Bit) Equipped	False	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Electric Water Pump Equipped	False	
3.5 Liter V6 Engine	False	
Hybrid Electric Vehicle Equipped	True	
2 Speed Fan PWM Relay System Equipped	False	
Wastegate H-Bridge Equipped	Undefined	
1.8 Liter W14 engine	False	
Operator Idle Speed Request Equipped	False	
Cylinder Pressure Sensor Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
Mass Airflow System Equipped	False	
Clutch Sensor Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Make Up Air Sensor Equipped	False	

Bi-Directional Crank Sensor Equipped	True	
CUSW 4-Button Cruise Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
5 Button Cruise (LIN) Equipped	True	
Power Steering Angle Sensor Mandatory	False	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
INTAKE O2 SENSOR EQUIPPED	False	
Brake Pedal Sensor Equipped	False	
Coolant On-Off Pump Equipped	Not Equipped	
Primary Lin Alternator Equipped	Not Equipped	
Variable Valve Lift Equipped	Not Equipped	
2.0 Liter I4 Direct Injection Engine	False	
1.0 Liter I3 Engine	False	
Remote Start Present	Present	
Low Temp Radiator Coolant Pump Equipped	False	
Engine Idle Shutoff Equipped	False	
ZF 9-Speed Trans Equipped	False	
A/C Relay Powered from Engine Switched Battery	False	
PTO System Equipped	False	
HPT 6-Speed Trans Equipped	False	
Hybrid MEC Shifter Equipped	False	
CNG Large Gas Tank Equipped	False	
Dual Alternator Gen1 Capable	False	
Dual Fuel Tank Equipped	False	
Cooled EGR Equipped	False	
Auxillary Coolant Pump Equipped	False	
Supercharger Equipped	False	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

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

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	True	
Dynamic Steering Torque Feature Active	True	
Lane Feedback Feature Active	True	

HVAC CONFIGURATION

NAME	VALUE	UNITS
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	

HVAC Configuration

Dual Zone ATC + Rear

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

AMP CONFIGURATION

NAME	VALUE	UNITS
Current ANC Calibration ID - Service	RU PHEV 3.6L: Tripane Sunroof & Harman AMP	
Premium - 3	True	
Premuim - 1 (8 channel)	False	
Premuim - 2 (12 Channel)	False	
Non -ANC	False	
Current EQ Checksum	F2 05 09 57	
ANC Status	Off - Door Mute	
Left/Right Hand Drive	Left Hand Drive	

Teen Key Present	False	
Sub-EQ Set Selected	Cabin EQ Selected	
Cabin Equalization Curve Number	53	
Surround Sound Activated	Not Set	
Door Module - Right Rear	Present	
Door Module - Left Front	Present	
Door Module - Left Rear	Present	
Door Module - Right Front	Present	
ANC Calibration Date - Year	18	
ANC Calibration Date - Week	45	
ANC Calibration Date - Patch Level	2	

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	True	
Rear System with 6 Front Sensors	True	

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	Manufacturing	
Vehicle Configuration Programmed Status	True	
ECU Configuration 6 (Brake)	4	
ECU Configuration 4	4	
Programmed ECUs: P/T Chassis Network	4	
ECU Configuration 2 (CBC Features)	4	
ECU Configuration 15 (Suspension)	4	
ECU Configuration 9 (ITM)	4	
ECU Configuration 5 (Doors)	4	
ECU Configuration 6 (Safety)	4	
Vehicle Configuration 2 - Write Counter	4	

Vehicle Configuration Auto Write Counter	1	
Vehicle Configuration 5 - Write Counter	4	
Vehicle Configuration 4 - Write Counter	4	
ECU Configuration 13	4	
Vehicle Configuration 7 - Write Counter	4	
ECU Configuration 10	4	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	4	
ECU Configuration 11	4	
ECU Configuration 5 (Memory)	4	
Programmed Network Configuration - Audio / Telematics Network	0	
ECU Configuration 8 (LIN and Miscellaneous)	4	
ECU Configuration 12	4	
Last Configuration Odometer	0	miles
Programmed ECUs: Hybrid LAN Network	0	
Vehicle Config CSM1	4	
Vehicle Configuration 6 - Write Counter	4	
ECU Configuration 3	4	
Vehicle Configuration 1 - Write Counter	4	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	4	
Programmed ECUs: Cabin Network	4	
ECU Configuration 6 (Suspension)	4	
ECU Configuration 6 (Powertrain)	4	
ECU Configuration 15 (CBC Features)	4	
Vehicle Configuration 3 - Write Counter	4	
Vehicle Config CSM2	4	
ECU Configuration 5 (Wireless)	4	
ECU Configuration 9A	4	
ECU Configuration 14	4	
Drive Configuration	2WD Front	
Special Packages	74	
Body Style	Station Wagon	
Vehicle Line	RU	
PTS Configuration	Semi Automatic / Semi Automatic	
Country Code	USA	
Model Year	2021	
Maximum Vehicle Speed	0	MPH
Left/Right Hand Drive	Left Hand Drive	
Select Speed Control Feature Present	Not Set	
Remote Start Present	Set	
Hill Descent Feature Present	Not Set	
Auto Highbeam	Set	
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Emode Present	Not Set	
Performance Pages Present	Not Present	

Off Road Capable	Not Set	
Cruise Feature is Present	Not Set	
Thatcham Present	Not Set	
Air Conditioning Present	Not Set	
Full Size Spare	Not Set	
Special Packages IC	Pacifica	
Max Load Inflation Pressure Rear Tire	36.0	PSI
Power Inverter Type	No Power Inverter	
Rain Sensor Present	Set	
SKIM System Present	Not Set	
Flipper Glass Present	Not Set	
Max Load Inflation Pressure Front Tire	36.0	PSI
Vehicle is an SRT	Not Set	
Sport Mode Present	Not Set	
HVAC Configuration	Dual Zone ATC + Rear	
RKE System Present	Set	
Auto Headlamp Feature Present	Set	
Forward Collision Warning present	Set	
Chassis Type	Type 8	
Auto Park Present	Set	
Secondary Lock Present	Not Set	
Door Alert Feature Present	Not Set	
Disable Display of Radio Clock	Not Set	
Display Compass Heading Present	Set	
High Intensity Discharge Head Lamps	Set	
Paddle Shift Feature Present	Not Set	
T-Case Type	Not Present / Not Present	
Fuel Capacity	17	gallons
Wheel Base	Wheel base not programmed / WB_NP	
ELV Present	Not Set	
Keyless Go Present	Set	
Liftgate/Trunk Type	Power Liftgate	
ESCL system present	Not Set	
Collision Mitigation System present	Set	
FOBIK Safe Enable	Set	
Base TPM system present	Not Set	
Police Lighting Feature	Not Set	
Passive Entry Present	Set	
Window Express Feature Configuration	All windows express feature	
Power Left Sliding Door Present	Set	
Display Outside Temperature Present	Set	
Power Right Sliding Door Present	Set	
Two Fuel Sending Units Present	Not Set	
Adjustable Pedal Feature Present (non-Memory)	Not Set	

Vehicle Brand	Chrysler	
Premium TPM system present	Set	
Transfer Case Low Range Reduction Ratio	0.000	
Axle Ratio	3.251	
Transfer Case High Ratio	1.000	No Unit
Dynamic Tire Circumference (All or Rear)	89	inch
Steering Ratio at Negative Angle 1	0.0	No Unit
Analog Door Sensor Configuration	Driver Door Only Analog Sensor	
Air Quality System Present	Not Set	
Connector E Pin 8: PHEV HCP Hardwire Wakeup	Set	
Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output	Set	
Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present	Set	
Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	
Connector F Pin 29: Horn Switch Present	Set	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Not Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Set	
Connector D Pin 9: Trailer Tow Backup Output Present	Not Set	
Connector G Pin 15: UGDO Feed Output Present	Set	
Connector A Pin 3/Connector D Pin 2: Low Beam Output Present	Set	
Connector E Pin 5: PHEV Fuel Door Switch Input	Set	
Connector F Pin 4: Liftgate Release Present	Not Set	
Connector E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector G Pin 22: VTA Warning LED Output Present	Set	
Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector E Pin 11: Vacuum Switch Input	Not Set	
Connector F Pin 8 : Liftgate Release Outside Handle Switch Present	Not Set	
Connector F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connectro E Pin 37: Right HID Control Output Present	Not Set	
Connector E Pin 34: Vacuum Cleaner Relay Output Present	Not Set	
Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	
Connector A Pin 11: Hood Ajar Switch Input Present	Set	
Connector D Pin 12: PHEV ECM Hardwire Wake Up Output Present	Set	
Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output Present	Set	
Connector E Pin 3/Connector F Pin 42: Rear Turn Lamps Output Present	Not Set	
Connector D Pin 10: Trailer Tow Tail Lamp Output Present	Not Set	
Connector E Pin 7: Left HID Relay Control Output Present	Not Set	
Connector F Pin 35: Inverter Enable Relay Output Present	Not Set	

Connector A Pin 10/Connector D Pin 5: Side Markers Output Present	Set	
Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present	Not Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Side Repeaters Enable	Not Set	
Front Wiper Park Enable	Set	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
Illuminated approach Enabled	Not Set	
Reversible Washer Pump Enable	Set	
Exterior Light Loadshed Enable	Set	
LED Front Park/Marker Lamps Present	Set	
LED Front Turn Lamps Present	Not Set	
Front Fog Lamp Dropout Enable	Set	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	
DRL Configuration	No DRL	
Trailer Tow Present	Not Set	
LED High Beam Lamps Present	Set	
Horn Chirp Allowed	Set	
Headlamp Wash Interval	wash cycle#11	
LED License Lamps Present	Set	
Wiper Service Position Enabled	Not Set	
Hazard Lamp Configuration	Latching Switch	
LED CHMSL Lamp Present	Set	
Fuel Door Release Enabled	Not Present	
LED Tail Lamps Present	Set	
Bi Xenon Headlamps Enable	Not Set	
Combined Rear Lighting Enable	Set	
LED Low Beam Lamps Present	Set	
DRL Dropout Enable	Not Set	
Headlamp Wash Shot	double	
One Touch Lane Change	Set	
Rear Wiper Park Enable	Set	
Combined Front Park/Turn Feature Enable	Not Set	
LED Dedicated DRL Present	Not Set	
Front Wiper Wipes After Wash	2 Wipes	
LED Stop Lamps Present	Not Set	
LED Rear Fog Lamps Present	Not Set	
Fuel Door Present	Not Set	
LED Front Fog Lamps Present	Set	
Tip Start Enabled	Set	
LED Rear Turn Lamps Present	Not Set	
Tunnel Detection	Not Set	
Dual Start Relay System Present	Not Set	
Park Lamp Loadshed Enable	Set	
Quad Headlamps Enable	Set	

LED Reverse Lamps Present	Not Set	
DRL Lamp Location	Low Beam DRL	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
External Port Type	AUX + USB + extra USB	
Splashscreen Type	Vehicle Brand	
Rear Camera Present	Not Set	
Front Park Assist Present	Set	
Surround Sound Feature Present	Set	
Power Inverter Present	Not Set	
Microphone Type	Peiker 300 mv	
Antenna Type	Active Primary and no secondary antenna	
Front Heated Seats Present	Set	
Cabin Equilization Curve Number	RU Premium System - Harman 12ch	
Microphone Tuning Parameter	Absent [Not Used]	
Heated Steering Wheel Present	Set	
Destination	United States of America	
Microphone Configuration	2 Microphones	
Power Door Locks Present	Set	
Disable CD Eject	Not Set	
Fleet Vehicle Content	Not Set	
AP4 Right Rear	CAN	
Tip Start Present	Set	
Airport Scenario Trunk	Not Set	
AP2 Right Front	Smart Switch	
AP5 Trunk Lock	Simple Switch	
AP3 Left Rear	CAN	
Vehicle Variant	Undefined	
AP1 Left Front	Smart Switch	
AP5 Trunk Unlock	CAN	
Passenger Window Lockout	Not Set	
Blindspot Mirror Present	Set	
Heated Mirrors Present	Set	
Window Hall Sensors Present	Not Set	
Passenger Memory Mirror Present	Set	
Puddle Lamp Present	Not Set	
Electro-chromatic driver mirror present	Set	
Sun Shade	Not Set	
Mirror turn signals present	Set	
Electro-chromatic passenger mirror present	Not Set	
Tow Mirror Present	Not Set	
Folding mirrors present	Set	
Global Down	Not Set	
Frameless Window Present	Not Set	
Window Motor Type	Not Set	

Driver Memory Mirrors Present	Set	
Global Up	Not Set	
Rear Door Pre Short Drop	Not Set	
Stow 'n Assist Present - Passenger	Set	
Memory Adjustable Pedals Present	Not Set	
Heated Steering Wheel Present	Present	
Heated Wheel Material Type	Full Leather	
Heated Seat Material Type	Base Leather	
Front Vented Seats Present	Present	
Rear Heated Seats Present	Not Present	
Stow 'n Assist Present - Driver	Set	
Tilt/Telescope Steering Present	Not Set	
Driver Memory Seat Present	Set	
Brake System ECU Configuration A	value 0	
Dual Alternator Present	Not Set	
ECO Mode Configuration	Remember Previous State with Ignition Key Cycle	
Max Engine Off Time	220	Time
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 29: Horn Switch Present	Horn Switch Input	
Humidy Sensor Long Present	Set	
Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)	Left B-Pillar sliding Door Switch	
Heatsoak Speed	15	Counter
License Plate Lamp Disable	Not Set	
Engine Off Clear Time	180	Time
CHMSL Lamp Output Disable	Not Set	
Ambient Stable Counter Limit	40	Counter
Connctor F Pin 33: Fuel Door Unlock (BUX)	Not Present	
Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)	Right B-Pillar Sliding Door Switch	
Connector F Pin 37: Vacuum Cleaner Power Saver Indicator	Not Present	
Connector F Pin 34: Spare HSD	Not Present	
Connector F Pin 30: Fuel Door Lock (BUX)	Not Present	
Connector G Pin11/Connector G Pin 12: Not Used	ERS	
Heatsoak Flush Time	105	Time
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Rear Wiper (0)	
Auto High Beam Module Location	HaLF	
Connector E Pin 39: Right Rear Turn Signal	Right Rear Turn Signal	
Manual Door Locks Present	Not Set	
Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28	Set	
Heatsoak Set Time	15	Time
Rain Sensor Module #2 Present	Set	
Connector F Pin 15: Driver Door Lock Switch Input	Not Present	
Average Last Longitudinal Acceleration Values	No Averaging	
Nose Dive Threshold	Filter Off	

Acceleration Threshold	Filter Off	
Excess Lateral Acceleration Factor	Filter Off	
Average Last Lateral Acceleration Values	No Averaging	
Maximum Longitudinal Change	Filter Off	
Excess Longitudinal Acceleration Factor	Filter Off	
Brake Smoothing Duration	Filter Off	
Steering Smoothing Duration	Filter Off	
Nose Dive Factor	Filter Off	
Brake Smoothing Factor	Filter Off	
Brake Smoothing Threshold	Filter Off	
Maximum Lateral Change	Filter Off	
Acceleration Factor	Filter Off	
Steering Smoothing Threshold	Filter Off	
Steering Smoothing Factor	Filter Off	
Parking Light Enable	Not Set	
Auto High Beam OFF Threshold	20 km/hr	
Interior Lighting Day Threshold	4.27498	Volt
RKE Auto-Relock Feature Enable	Not Set	
Horn Chirp Duration	Short	
VTA Hood Ajar Monitoring	Not Set	
PE Auto-Relock Feature Enable	Set	
Interior Lighting Night Threshold	4.45147	Volt
Auto High Beam ON Threshold	25 km/hr	
Headlamp Soak Delay	1.0 sec	
Sunroof Present	Set	
Temperature Display Resolution	HaLF	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Smart Alternator Present	Not Set	
Automatic Crash Notification Feature Present	Undefined	
Drive Mode Version	Version 1	
Surround View Camera On/Off Softkey Present	Set	
Radio Speaker Open Circuit Disable (RF)	Not Set	
ANC Calibration Parameter Data Set	RU_PHEV_3.6L_tripane_SunRoof_Harman_AMP	
Radio Speaker Open Circuit Disable (LF)	Not Set	
Radio Speaker Open Circuit Disable (RR)	Not Set	
Auto Dimming Mirror Hard Button Present	Set	
Show Phone Information in Cluster	01	
Radio Speaker Open Circuit Disable (LR)	Not Set	
Park Assist Tuning Set	BUX Front and Rear Only	
ACC	Set	
IPC	Set	
BCM (PT)	Set	
OCM	Set	
HCP	Set	

EPS	Set	
AHLM	Not Set	
ABS	Not Set	
RFH	Set	
ORC	Set	
SCCM	Set	
TCM	Not Set	
PTS	Set	
ESL	Not Set	
ESM	Set	
ABSO	Set	
PCM	Set	
FFCM	Set	
Rear View Camera Dynamic Grid Lines Enabled	Not Set	
Rear View Camera Static Grid Lines Enabled	Not Set	
Ultrasonics	Not Set	
Siren	Not Set	
Tilt	Not Set	
HCP	Set	
OBCM	Set	
APM	Set	
ESM	Set	
AHCP	Set	
EAC	Set	
ECM	Set	
BPCM	Set	
ORC	Set	
EBCM	Set	
ESC	Set	
1st Row Seat Side Airbags Present	True	
Integrated EPP Present	False	
Passive Ped Pro Present	False	
Driver Kneebag Present	True	
Passenger Kneebag Present	True	
Tow Hooks Present	False	
BUX Market	False	
ODS Present	False	
Curtain Airbags Present	True	
IBS Minimal Charge Limit	10	AmpHrs
Battery Type II	22	
Battery Types	SNA	
IBS Minimum Charge Limit	600	mA
IBS Activate MWU	Not Set	
IBS Minimum Voltage Limit	5.0	Volts

IBS Quiescence Current Limit	-250	mA
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
Alert On System Fault	Set	
Panic Enable	Set	
CRVMM Present	Set	
Auto Relock Time	60	seconds
HFRM Present	Set	
IBS Present	Set	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Washer Fluid Level Voltage Threshold	4.46 volts	
Humidity Sensor Present	Set	
Fobik Safe Alerts Per Ignition Cycle	2	
Compass Mounting Orientation	Rightside up	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
Compass Mounting Angle	0	Degree
Alert On Search Timeout	Set	
EVIC SWS Module Present	Set	
Alert no Reply	Set	
VTA System Present	VTA	
OHC Module Present	Set	
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
Sound Horn on Lock	Set	
Headlamps on with Wipers	Set	
Auto Unlock	Set	
Auto Highbeam	Set	
Sound Horn On Lock Status	Chirp on 1st press/FIRST	
Headlamp Delay Time	30	seconds
Unlock all doors on 1st press	Set	
Sound Horn on Remote Start	Set	
Daytime Running Lamps	Set	
Sliding Door Alert	Not Set	
Sliding Door Chime Enable	Set	
Accessory Delay Time	45	seconds
Hands Free Sliding Door Enable	Set	
Illuminated Approach Time	30	seconds
Flash Lamps on Lock	Set	
Auto Wipers	Set	
Auto Lock	Set	
Right Front Corner Voltage	13.4 Volts	
Left Rear Corner Voltage	14 Volts	
Right High Beam Voltage Regulation	13.8 Volts	
Auto Headlamp Off Threshold	2.54930	Volt
Left High Beam Voltage Regulation	13.6 Volts	
Right Low Beam Voltage Regulation	14 Volts	

Left Front Corner Voltage	13.2 Volts	
Right Rear Corner Voltage	14 Volts	
Auto Headlamp On Threshold	3.31409	Volt
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Left Low Beam Voltage Regulation	13.6 Volts	
MSM	Set	
PSDML	Set	
DTV	Not Set	
AMP	Set	
MSMP	Set	
PDM	Set	
BCM (Interior Bus)	Set	
ITM	Not Set	
HVACR	Set	
HSM	Set	
DMRR	Set	
ICS	Set	
DSM	Set	
DDM	Set	
PLGM	Set	
ANC	Not Set	
PSDMR	Set	
HVAC	Set	
CVPM	Set	
FSM	Not Set	
EAM	Set	
Radio	Set	
EOMR	Set	
EDM	Not Set	
DMRL	Set	
VTM	Not Set	
VRM	Not Set	
Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	
Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	
Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel resistors	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	
Connector F Pin 42: Right Rear Turn Signal	Right Rear Turn Signal	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Stop/Start Enable Switch Present	Not Set	
Connector D Pin 1: Left High Beam Feed	AUX High Beam	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	
Connector F Pin 41: Backup-Reverse lamp Left	Not Set	

Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	
Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	
Connector F Pin 5: Left Rear Fog Lamp	Output Disable	
Connector A Pin 2: Right High Beam Feed	AUX High Beam	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Connector E Pin 1: Backup-Reverse lamp Right	Set	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	

RADIO CONFIGURATION

NAME	VALUE	UNITS
GPS on the Bus messaging Authorization	—	
Compass on the bus messaging Authorization	—	
Suspend Month	00	
Satellite Subscription ID	YQ7EMDH2	
Satellite Subscription Status	Subscribed	
Reason Code	00	
Suspend Year	00	
Suspend Day	00	
Enumerated USB Devices	0	No Unit
SD Card Readers Detected	0	No Unit
Aux Jack	Not Inserted	
USB Hubs Detected	3	No Unit
Stereo Blend	Off	
Cabin EQ Curve Number Currently Used by Radio	223	events
High Cut	Off	
Anti-Theft Enable Status	On	
Front Seat Video Playback	Enabled	
Automated Loudness	Off	
Clock Defeat	On	
Distortion Limiting	Off	
12/24 Time Selection	12 Hour Time	
Splash Screen	Automatic	

HVACR CONFIGURATION

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

DualZone ATC Control (Factory) (BB)

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
Traceability info	1120341 [REDACTED]	
Traceability info	0220340 [REDACTED]	
XCP Enabled	False	
HIL mode Enabled	False	

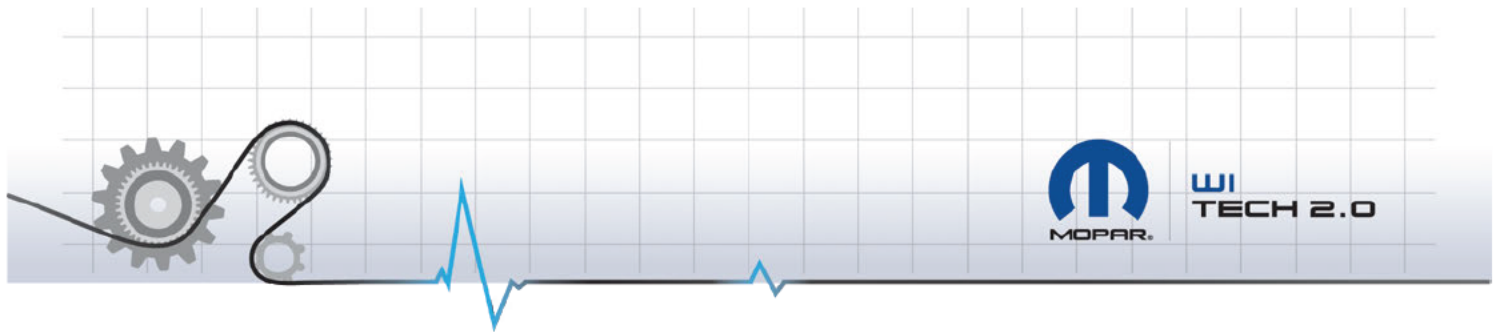
RCCC CONFIGURATION

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 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1S7 [REDACTED]

Odometer 5734.4 miles
Publication Date Jun 7, 2021, 8:37:00 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT V	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68499122AD	2C4RC1S73	2C4RC1S7	68499122AD
PLGM	Power Liftgate	CAN-I	68466171AF	2C4RC1S73	—	68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1S73	2C4RC1S7	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1S73	2C4RC1S7	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1S73	2C4RC1S7	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1S73	2C4RC1S7	68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1S73	2C4RC1S7	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1S73	2C4RC1S7	68493454AE
DDM	Driver Door Module	CAN-I	68496461AB	2C4RC1S73	2C4RC1S7	68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB	2C4RC1S73	2C4RC1S7	68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1S73	2C4RC1S7	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1S73	2C4RC1S7	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1S73	2C4RC1S7	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1S73	2C4RC1S7	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1S73	2C4RC1S7	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB	2C4RC1S73	2C4RC1S7	68517013AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1S73	2C4RC1S7	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1S73	2C4RC1S7	68434960AE
PTS	Parktronics	CAN-C	68485862AA	2C4RC1S73	2C4RC1S7	68485862AA
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1S73	2C4RC1S7	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1S73	2C4RC1S7	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AA	2C4RC1S73	2C4RC1S73	68540436AA
RADIO	Radio	CAN-I	68465292AC	2C4RC1S73	2C4RC1S73	68465292AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1S73	2C4RC1S73	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1S73	2C4RC1S73	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S73	2C4RC1S73	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S73	2C4RC1S73	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1S73	2C4RC1S73	68493395AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1S73	2C4RC1S73	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE	2C4RC1S73	2C4RC1S73	05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AF	2C4RC1S73	2C4RC1S73	05185116AF
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1S73	2C4RC1S73	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1S73	2C4RC1S73	68321862AC
DSM	Display Screen Module	CAN-I	68437339AD	2C4RC1S73	2C4RC1S73	68437339AD
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1S73	2C4RC1S73	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1S73	2C4RC1S73	56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1S73	2C4RC1S73	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AF	2C4RC1S73	2C4RC1S73	05185117AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1S73	2C4RC1S73	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1S73	2C4RC1S73	68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		2C4RC1S73	68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1S73	2C4RC1S73	68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	75 00 01	4422	941DFC50
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	

HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	FE120BB2 29C5A4AB 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	
TBM2	USA	13 0E 02	14 2A 5C	4104	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
RFH	C0077-00	Low Tire Pressure-	Stored
DMRL	U1143-00	Lost Communication With Power Sliding Door Module - Left-	Stored
MSM	U1143-00	Lost Communication With Power Sliding Door Module - Left-	Stored
BCM	U1143-00	Lost Communication With Power Sliding Door Module - Left-	Stored
HCP	P0CEA-00	Hybrid/EV Electronics Coolant Pump "A" Performance-	Active

HCP	U0623-00	Lost Communication with Coolant Pump "A"-	Active
MSMP	U1143-00	Lost Communication With Power Sliding Door Module - Left-	Stored

ENVIRONMENTAL DATA SUMMARY

RFH | C0077-00 | Stored | Low Tire Pressure-

NAME	VALUE	UNITS
Test Failed	False	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Error	
Original Odometer Value	5508	miles
Frequency Counter	4	
Most Recent Odometer Value	5657	miles
Ignition Cycle Counter	20	

DMRL | U1143-00 | Stored | Lost Communication With Power Sliding Door Module - Left-

NAME	VALUE	UNITS
Test Failed	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Warning Indicator Requested	False	
Original Odometer Value	5408	miles
Most Recent Odometer Value	5408	miles
Frequency Counter	1	
Ignition Cycle Counter	37	

MSM | U1143-00 | Stored | Lost Communication With Power Sliding Door Module - Left-

NAME	VALUE	UNITS
DTC	D1 43 00	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	

Test Failed	False	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
DTC Extended Data Record Number	19	
DTC Extended Data Record Number - All	01	
Calibration Version	03 09 00 01	
Destandardization Reason	Diagnostics	
Vertical Front motor sensor - Short to ground	False	
Vertical Rear motor sensor - Short to ground	False	
Vertical Front motor sensor - Short to battery or open	False	
Vertical Rear motor sensor - Short to battery or open	False	
Horizontal motor sensor - Short to ground	False	
Horizontal motor sensor - Short to battery or open	False	
Recliner motor sensor - Short to ground	False	
Recliner motor sensor - Short to battery or open	False	
Movement Direction - Horizontal Motor	Motor not moving	
Movement Direction - Recliner Motor	Motor not moving	
Movement Direction - Vertical Front Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	
ECU configuration - Adjustable Pedals	False	
ECU configuration - Telescope/Tilt	False	
ECU configuration - Memory Seat	True	
ECU configuration - Stow n Assist	True	
ECU configuration - Vehicle Line	RU	
Original Odometer Value	5408	miles
Most Recent Odometer Value	5408	miles
Front Hard Stop - Current	33009	Counts
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Rear Hard Stop - Current	32231	Counts
Learned Seat Travel - Current	778	Counts
Ignition Cycle Counter	37	
Frequency Counter	1	
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
Default Seat travel length	780	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
ECU Voltage	2.620	Volts
Number of ECU hard resets since latest calibration	10	Counts
Front Hard Stop - Post-destandardization	33009	Counts
Rear Hard Stop - Post-destandardization	32231	Counts
Learned Seat Travel - Post-destandardization	778	Counts

Position Recliner	32119	Counts
Position Vertical Front	33262	Counts
Position Horizontal Adjustment	32785	Counts
Position Vertical Rear	32848	Counts

BCM | U1143-00 | Stored | Lost Communication With Power Sliding Door Module - Left-

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	
Occurrence flag	Error	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Original Odometer Value	5408	miles
Ignition Cycle Counter	37	
Most Recent Odometer Value	5408	miles
Frequency Counter	1	

HCP | POCEA-00 | Active | Hybrid/EV Electronics Coolant Pump "A" Performance-

NAME	VALUE	UNITS
DTC	0C EA 00	
Test Failed	True	
Confirmed DTC	True	
Pending DTC	True	
Test Failed This Operation Cycle	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
Propulsion System Active	True	
PRND Position Display	P	
Low Temp Passive Pump - Limp Home	False	
Low Temp Passive Pump - Over Temperature	No Over temperature	
Low Temp Passive Pump - Over Current	No Over Current	
Low Temp Passive Pump - RPM Monitoring	Rotation Monitoring Active	
Low Temp Passive Pump - Dry Run	No Dry Run Detected	

Low Temp Passive Pump - Voltage Error	Supply Voltage in Specified Range (Vbatt less than 20V)	
Low Temp Passive Pump - Deblocking	Deblocking not Active	
Low Temp Passive Pump - Fail Safe	Fail Safe Activated	
Low Temp Passive Pump - Post Running Mode Status	No Post Running	
Response Error	No Error	
Hybrid System State	Propulsion System Active	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HV Contactor Status	Closed	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
Impact Event	False	
APM Status	Buck CV	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Most Recent Odometer Value	5734.2	miles
Original Odometer Value	5734.2	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	14272524	sec
RAM Stamps	54707	Min
Accelerator Pedal Position	0	%
Vehicle Speed	0.0000	MPH
RAM stamps keyOn	0	sec
Engine Speed	0	rpm
HV Battery SOC	85	%
Passive Pump Coolant Temp In Sensor	68	°F
Low Temp Passive Pump - Target Speed	504	rpm
Barometric Pressure	14	PSI
Engine Coolant Temperature	68	°F
Low Temp Passive Pump - Temperature	77	°F
Low Temp Passive Pump - Actual Speed	192	rpm
Low Temp Passive Pump - Current	2.0	AMP
Battery Feed Voltage 2 Sense	14.760	Volts
Low Temp Passive Pump - Voltage	12.0	Volts
Actual Torque - Motor B	-15.763	Ft-Lbs
Battery Feed Voltage 3 Sense	14.616	Volts
Internal EPS Voltage Sense B	8.136	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Electric Motor A Speed	4.0	rpm
PIM DC Link Voltage - B	384	Volts
Internal EPS Voltage Sense A	8.208	Volts
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	379	Volts

Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Battery Feed Voltage 1 Sense	14.688	Volts
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	-15.855	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	36	AMP
Motor A Resolver Angle	210	Degree
Motor B - Inverter Current - phase B	-12	AMP
Motor A - Inverter Current - phase C	-4	AMP
Outside Air Temperature	68.0	°F
Motor B Resolver Angle	120	Degree
Motor B - Inverter Current - phase C	-32	AMP
Motor B Temp Sensor	72	°F
Motor A Temp Sensor	73	°F
HV Battery Voltage from BPCM	381.20	Volts
Inverter B IGBT Temperature for phase A	70	°F
Inverter A IGBT Temperature for phase B	70	°F
Inverter A IGBT Temperature for phase A	70	°F
Inverter A IGBT Temperature for phase C	70	°F
Inverter B IGBT Temperature for phase C	70	°F
Inverter B IGBT Temperature for phase B	68	°F
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
HV Battery Sleep Time	1	Days
Motor B Torque	-15.763	Ft-Lbs
GPS Date - Year	2021	Year
GPS Date - Month	3	
UTC Time - Hours	19	Hours
UTC Time - Minutes	45	
GPS Date - Day	8	Days
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	963	ms

HCP | U0623-00 | Active | Lost Communication with Coolant Pump "A"-

NAME	VALUE	UNITS
DTC	C6 23 00	
Test Failed	True	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Pending DTC	True	

Test Not Completed This Operation Cycle	False	
Test Failed This Operation Cycle	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Ignition Lock	
Propulsion System Active	False	
PRND Position Display	P	
Thermal System Enable State	On	
High Temperature Shut-Off Valve Status	On	
Front Refrigerant Shut-Off Valve Status	Off	
Chiller Shut-Off Valve Status	On	
Hybrid System State	High Voltage Enabled	
HV Contactor Status	Closed	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HCP System Shutdown Command	Default	
APM Status	Buck CV	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Original Odometer Value	5734.2	miles
RAM stamps keyOn	15	sec
Real time clock	14272710	sec
Most Recent Odometer Value	5734.3	miles
Frequency Counter	2	
Accelerator Pedal Position	0	%
Ignition Cycle Counter	0	
RAM Stamps	54709	Min
Engine Coolant Temperature	176	°F
Vehicle Speed	0.0000	MPH
A/C Refrigerant Pressure	87.0	PSI
Passive Pump Coolant Temp In Sensor	70	°F
Engine Speed	0	rpm
HV Battery SOC	84	%
Motor B Temp Sensor	75	°F
Barometric Pressure	15	PSI
Electric Coolant Heater Temp Sensor	82	°F
Heater Core Coolant Temp Sensor	97	°F
High Temp Cabin Valve Feedback	99.61	degrees
EAC Compressor Speed	0	rpm
Outside Air Temperature	70.7	°F

Motor A Temp Sensor	73	°F
HV Coolant Heater - Measured Coolant Inlet Temp	93	°F
Radiator Fan Duty Cycle	49	%
HV Coolant Heater - Measured Coolant Outlet Temp	95	°F
Low Temp Passive Pump - Temperature	77	°F
Battery Feed Voltage 3 Sense	14.400	Volts
Battery Feed Voltage 2 Sense	14.544	Volts
Internal EPS Voltage Sense A	8.208	Volts
Low Temp Active Pump - Temperature	66	°F
Internal EPS Voltage Sense B	8.136	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Battery Feed Voltage 1 Sense	14.400	Volts
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Available Motor Torque - Motor A	87.205	Ft-Lbs
HV Battery Voltage from BPCM	379.90	Volts
Electric Motor A Speed	0.0	rpm
Motor B Resolver Angle	224	Degree
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor A Resolver Angle	316	Degree
Motor B - Inverter Current - phase A	-4	AMP
Commanded Torque - Motor A	0.000	Ft-Lbs
PIM DC Link Voltage - B	382	Volts
Inverter A IGBT Temperature for phase A	93	°F
Electric Motor B Speed	0.5	rpm
PIM DC Link Voltage - A	378	Volts
Inverter A IGBT Temperature for phase B	95	°F
Inverter B IGBT Temperature for phase A	95	°F
Inverter B IGBT Temperature for phase B	95	°F
HV Battery Sleep Time	0	Days
GPS Date - Year	2021	Year
Motor B Torque	0.000	Ft-Lbs
Inverter A IGBT Temperature for phase C	93	°F
Inverter B IGBT Temperature for phase C	91	°F
Motor A Torque	0.000	Ft-Lbs
Distance Travelled with Light ON	0	miles
GPS Date - Month	3	
UTC Time - Seconds	0	seconds

GPS Date - Day	8	Days
UTC Time - Minutes	48	
ECU Time - Milliseconds	531	ms
UTC Time - Hours	19	Hours

MSMP | U1143-00 | Stored | Lost Communication With Power Sliding Door Module - Left-

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	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Original Odometer Value	5408	miles
Frequency Counter	1	
Ignition Cycle Counter	37	
Most Recent Odometer Value	5408	miles

SNAPSHOT DATA SUMMARY

No Snapshot Data available for C0077-00

No Snapshot Data available for U1143-00

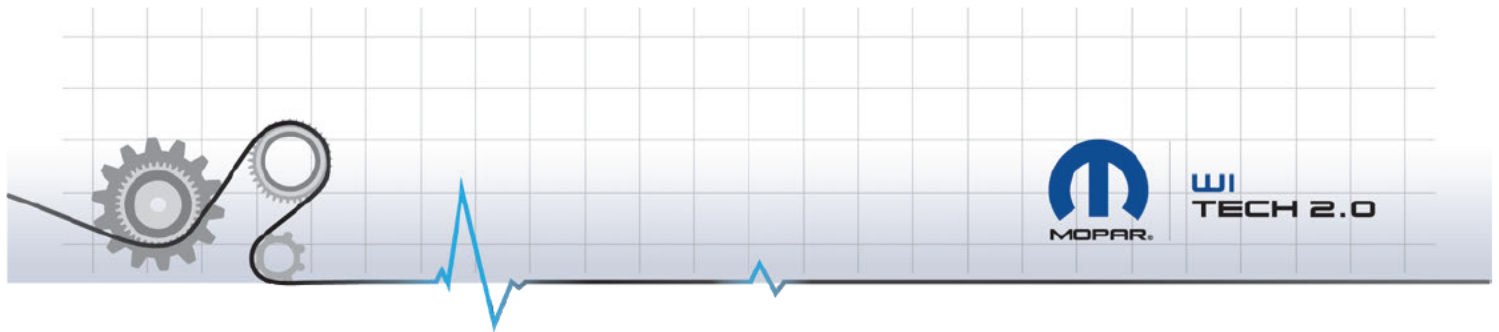
No Snapshot Data available for U1143-00

No Snapshot Data available for U1143-00

No Snapshot Data available for P0CEA-00

No Snapshot Data available for U0623-00

No Snapshot Data available for U1143-00



VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1S73 [REDACTED]

Odometer 9234.7 km
Publication Date Jun 14, 2021, 3:25:24 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT V	ORIGINAL V	PART #
PCM	Powertrain Control Module	CAN-C	68499122AD	2C4RC1S73	2C4RC1S73	68499122AD
PLGM	Power Liftgate	CAN-I	68466171AF	2C4RC1S73	—	68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1S73	2C4RC1S73	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1S73	2C4RC1S73	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1S73	2C4RC1S73	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1S73	2C4RC1S73	68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1S73	2C4RC1S73	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1S73	2C4RC1S73	68493454AE
DDM	Driver Door Module	CAN-I	68496461AB	2C4RC1S73	2C4RC1S73	68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB	2C4RC1S73	2C4RC1S73	68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1S73	2C4RC1S73	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1S73	2C4RC1S73	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1S73	2C4RC1S73	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1S73	2C4RC1S73	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1S73	2C4RC1S73	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB	2C4RC1S73	2C4RC1S73	68517013AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1S73	2C4RC1S73	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1S73	2C4RC1S73	68434960AE
PTS	Parktronics	CAN-C	68485862AA	2C4RC1S73	2C4RC1S73	68485862AA
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1S73	2C4RC1S73	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1S73	2C4RC1S73	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AA	2C4RC1S7	2C4RC1S7	68540436AA
RADIO	Radio	CAN-I	68465292AC	2C4RC1S7	2C4RC1S7	68465292AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1S7	2C4RC1S7	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1S7	2C4RC1S7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S7	2C4RC1S7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S7	2C4RC1S7	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1S7	2C4RC1S7	68493395AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1S7	2C4RC1S7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE	2C4RC1S7	2C4RC1S7	05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AF	2C4RC1S7	2C4RC1S7	05185116AF
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1S7	2C4RC1S7	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1S7	2C4RC1S7	68321862AC
DSM	Display Screen Module	CAN-I	68437339AD	2C4RC1S7	2C4RC1S7	68437339AD
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1S7	2C4RC1S7	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1S7	2C4RC1S7	56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1S7	2C4RC1S7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AF	2C4RC1S7	2C4RC1S7	05185117AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1S7	2C4RC1S7	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1S7	2C4RC1S7	68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB	2C4RC1S7	2C4RC1S7	68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1S7	2C4RC1S7	68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	75 00 01	4422	941DFC50
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	

HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	FE120BB2 29C5A4AB 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	
TBM2	USA	13 0E 02	14 2A 5C	4104	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	P0113	Intake Air Temperature Sensor 1 Circuit High	Active
PCM	P0198	Engine Oil Temperature Sensor Circuit High	Stored
PCM	P0020	Bank 2 Camshaft 1 Position Actuator Circuit Open	Stored
PCM	P0010	Bank 1 Camshaft 1 Position Actuator Circuit Open	Stored
PCM	P0023	Bank 2 Camshaft 2 Position Actuator Circuit Open	Stored

PCM	P0013	Bank 1 Camshaft 2 Position Actuator Circuit Open	Stored
PCM	P0118	Engine Coolant Temperature Sensor Circuit High	Stored
RFH	C0077-00	Low Tire Pressure-	Stored
HVAC	U0422-00	Implausible Data Received From Body Control Module-	Stored
DMRL	U1143-00	Lost Communication With Power Sliding Door Module - Left-	Stored
MSM	B222D-00	ECU Unable To Configure/Configuration Not Learned-	Stored
MSM	U1143-00	Lost Communication With Power Sliding Door Module - Left-	Stored
IPC	U0401-00	Implausible Data Received From ECM/PCM "A"-	Stored
PTS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
BCM	U1143-00	Lost Communication With Power Sliding Door Module - Left-	Stored
ACC	C2227-00	ABS Disabled ECU-	Stored
ACC	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
RADIO	B15A1-00	Media Port 1 Connection-	Stored
HCP	P084F-00	Park/Neutral Switch Output-	Stored
HCP	P1C68-00	Hybrid Perf - Engine Speed Above Target Idle Speed During Autostop-	Active
HCP	U1850-00	Implausible Data Received from PCM on D-PT-	Stored
MSMP	B222D-00	ECU Unable To Configure/Configuration Not Learned-	Stored
MSMP	U1143-00	Lost Communication With Power Sliding Door Module - Left-	Stored
ABSO	C2222-00	Improper Powerdown-	Active

ENVIRONMENTAL DATA SUMMARY

PCM | P0113 | Active | Intake Air Temperature Sensor 1 Circuit High

NAME	VALUE	UNITS
DTC	01 13	
DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	On	
Number of DTC	1	
Odometer	9196.8	km
Accumulation Timer	15	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 | P0198 | Stored | Engine Oil Temperature Sensor Circuit High

NAME	VALUE	UNITS
DTC	01 98	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Number of DTC	1	

Odometer	9196.8	km
Accumulation Timer	13	minutes
Ignition Key Cycles	2	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	3	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | P0020 | Stored | Bank 2 Camshaft 1 Position Actuator Circuit Open

NAME	VALUE	UNITS
DTC	00 20	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Number of DTC	1	
Odometer	9196.8	km
Ignition Key Cycles	2	
Accumulation Timer	13	minutes
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	3	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | P0010 | Stored | Bank 1 Camshaft 1 Position Actuator Circuit Open

NAME	VALUE	UNITS
DTC Readiness Flag	Not Complete	
DTC	00 10	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Number of DTC	1	
Odometer	9196.8	km
Accumulation Timer	13	minutes
Ignition Key Cycles	2	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	3	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | P0023 | Stored | Bank 2 Camshaft 2 Position Actuator Circuit Open

NAME	VALUE	UNITS
DTC	00 23	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	

Number of DTC	1	
Odometer	9196.8	km
Accumulation Timer	13	minutes
Ignition Key Cycles	2	
Key Cycles Since DTC Last Set Counter	3	
Starts Since Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | P0013 | Stored | Bank 1 Camshaft 2 Position Actuator Circuit Open

NAME	VALUE	UNITS
DTC	00 13	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Number of DTC	1	
Odometer	9196.8	km
Accumulation Timer	13	minutes
Ignition Key Cycles	2	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	3	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | P0118 | Stored | Engine Coolant Temperature Sensor Circuit High

NAME	VALUE	UNITS
DTC	01 18	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Number of DTC	1	
Odometer	9196.8	km
Accumulation Timer	13	minutes
Ignition Key Cycles	2	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	3	
Warm Up Cycles	0	
Good Trip Counter	0	

RFH | C0077-00 | Stored | Low Tire Pressure-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	False	
Warning Indicator Requested	False	

Test Not Completed Since Last Clear	False	
Pending DTC	False	
Confirmed DTC	True	
Occurrence flag	Error	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Frequency Counter	4	
Ignition Cycle Counter	34	
Most Recent Odometer Value	9104	km
Original Odometer Value	8864	km

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

NAME	VALUE	UNITS
Pending DTC	False	
Test Failed	False	
Test Failed This Operation Cycle	True	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Occurrence flag	Error	
Warning Indicator Requested	False	
Original Odometer Value	9232	km
Ignition Cycle Counter	3	
Frequency Counter	1	
Most Recent Odometer Value	9232	km

DMRL | U1143-00 | Stored | Lost Communication With Power Sliding Door Module - Left-

NAME	VALUE	UNITS
Test Failed	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Failed This Operation Cycle	False	
Occurrence flag	Error	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	True	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Most Recent Odometer Value	8704	km
Original Odometer Value	8704	km
Ignition Cycle Counter	51	
Frequency Counter	1	

MSM | B222D-00 | Stored | ECU Unable To Configure/Configuration Not Learned-

NAME	VALUE	UNITS
DTC	A2 2D 00	
Test Failed This Operation Cycle	False	
Test Failed	False	
Pending DTC	False	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
DTC Extended Data Record Number	14	
Calibration Version	03 09 00 01	
Destandardization Reason	Diagnostics	
Vertical Rear motor sensor - Short to ground	False	
Vertical Front motor sensor - Short to ground	False	
Vertical Rear motor sensor - Short to battery or open	False	
Vertical Front motor sensor - Short to battery or open	False	
Horizontal motor sensor - Short to battery or open	False	
Horizontal motor sensor - Short to ground	False	
Recliner motor sensor - Short to battery or open	False	
Recliner motor sensor - Short to ground	False	
Movement Direction - Vertical Front Motor	Motor not moving	
Movement Direction - Horizontal Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	
Movement Direction - Recliner Motor	Motor not moving	
ECU configuration - Adjustable Pedals	False	
ECU configuration - Memory Seat	True	
ECU configuration - Vehicle Line	RU	
ECU configuration - Stow n Assist	True	
ECU configuration - Telescope/Tilt	False	
Original Odometer Value	9216	km
Frequency Counter	2	
Ignition Cycle Counter	5	
Most Recent Odometer Value	9216	km
Learned Seat Travel - Current	778	Counts
Front Hard Stop - Current	33009	Counts
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Rear Hard Stop - Current	32231	Counts
Default Seat travel length	780	Counts
Rear Hard Stop - Post-destandardization	32231	Counts
ECU Voltage	2.186	Volts

Front Hard Stop - Post-destandardization	33009	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
Learned Seat Travel - Post-destandardization	778	Counts
Number of ECU hard resets since latest calibration	16	Counts
Position Horizontal Adjustment	32311	Counts
Position Recliner	32150	Counts
Position Vertical Front	33262	Counts
Position Vertical Rear	33384	Counts

MSM | U1143-00 | Stored | Lost Communication With Power Sliding Door Module - Left-

NAME	VALUE	UNITS
DTC	D1 43 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
DTC Extended Data Record Number	19	
Calibration Version	03 09 00 01	
Destandardization Reason	Diagnostics	
Vertical Front motor sensor - Short to ground	False	
Vertical Rear motor sensor - Short to ground	False	
Vertical Front motor sensor - Short to battery or open	False	
Horizontal motor sensor - Short to battery or open	False	
Vertical Rear motor sensor - Short to battery or open	False	
Recliner motor sensor - Short to battery or open	False	
Recliner motor sensor - Short to ground	False	
Horizontal motor sensor - Short to ground	False	
Movement Direction - Recliner Motor	Motor not moving	
Movement Direction - Horizontal Motor	Motor not moving	
Movement Direction - Vertical Front Motor	Motor not moving	
ECU configuration - Vehicle Line	RU	
ECU configuration - Adjustable Pedals	False	
Movement Direction - Vertical Rear Motor	Motor not moving	
ECU configuration - Telescope/Tilt	False	
ECU configuration - Stow n Assist	True	
ECU configuration - Memory Seat	True	
Most Recent Odometer Value	8704	km

Frequency Counter	1	
Front Hard Stop - Current	33009	Counts
Ignition Cycle Counter	51	
Rear Hard Stop - Current	32231	Counts
Original Odometer Value	8704	km
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Learned Seat Travel - Current	778	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
Front Hard Stop - Post-destandardization	33009	Counts
Default Seat travel length	780	Counts
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
ECU Voltage	2.620	Volts
Rear Hard Stop - Post-destandardization	32231	Counts
Learned Seat Travel - Post-destandardization	778	Counts
Position Horizontal Adjustment	32785	Counts
Number of ECU hard resets since latest calibration	10	Counts
Position Vertical Rear	32848	Counts
Position Vertical Front	33262	Counts
Position Recliner	32119	Counts

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

NAME	VALUE	UNITS
Test Failed	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Test Failed Since Last Clear	True	
Occurrence flag	Occurrence	
Original Odometer Value	9232	km
Most Recent Odometer Value	9232	km
Frequency Counter	4	
Ignition Cycle Counter	1	

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 Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	

Test Failed Since Last Clear	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Occurrence flag	Occurrence	
Frequency Counter	3	
DC/DC Converter Voltage	83	Volt
Original Odometer Value	0	km
Most Recent Odometer Value	9232	km

BCM | U1143-00 | Stored | Lost Communication With Power Sliding Door Module - Left-

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	Error	
Most Recent Odometer Value	8704	km
Original Odometer Value	8704	km
Frequency Counter	1	
Ignition Cycle Counter	51	

ACC | C2227-00 | Stored | ABS Disabled ECU-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	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	
Occurrence flag	Error	
Warning Indicator Requested	False	
PRNDL Status	D range	
Original Odometer Value	9232	km
Most Recent Odometer Value	9232	km
Frequency Counter	3	
Engine RPM	1824	rpm

Vehicle Speed	3	km/hr
ACC Set Speed	0	km/hr
Object of Interest Distance	253	Meters
Operation Cycle Counter	5	
Engine Torque Request	SNA	N*m
Ignition Voltage	14.0	
System Voltage	14.1	Volts

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Occurrence flag	Error	
Warning Indicator Requested	True	
PRNDL Status	D range	
Original Odometer Value	9232	km
Most Recent Odometer Value	9232	km
Frequency Counter	3	
Operation Cycle Counter	5	
Vehicle Speed	3	km/hr
Engine RPM	1824	rpm
Object of Interest Distance	253	Meters
ACC Set Speed	0	km/hr
Engine Torque Request	SNA	N*m
Ignition Voltage	14.0	
System Voltage	14.1	Volts

RADIO | B15A1-00 | Stored | Media Port 1 Connection-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
DTC	95 A1 00	
Pending DTC	False	
Confirmed DTC	True	

HCP | P084F-00 | Stored | Park/Neutral Switch Output-

NAME	VALUE	UNITS
DTC	08 4F 00	
Test Failed	False	

Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
PHEV Charging Status	No Charging	
Brake Switch Status	Not Applied	
Ignition State	Ignition Lock	
Propulsion System Active	False	
PRND Position Display	P	
Park Pawl Motor Direction	Out of Park/Move Towards Disengage	
Auto Correction Request	APCM Off	
Reverse Shift Lock Status	Unlocked	
PRND Blink	Initialization	
Shift Lock Status	Locked	
Park Gated Switch	In Park	
Failure Reasons for Level 2 eShift	Reserved	
Park Pawl Motor Enable Feedback	Disabled	
Park Pawl Status Feedback	Segment Two Complete	
Hybrid System State	Power Up	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HV Contactor Status	Open	
EPT LOC Diag Enable	Disable LOC Daignostic	
HCP System Shutdown Command	Default	
APM Status	Idle	
Impact Event	False	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Original Odometer Value	9234.5	km
Ignition Cycle Counter	0	
Most Recent Odometer Value	9234.7	km
RAM stamps keyOn	0	sec
RAM Stamps	54839	Min
Frequency Counter	2	
Real time clock	14571278	sec
PP Actuator Position Sensor Voltage	3.90	Volts
Vehicle Speed	0.0000	km/h
Barometric Pressure	100	kPa
HV Battery SOC	70	%
Engine Speed	0	rpm

Accelerator Pedal Position	0	%
Engine Coolant Temperature	80	DegC
Park Pawl Motor PWM1	0	%
Park Pawl Motor Current	0.1	AMP
Park Pawl Motor Counts	389	Counts
Battery Feed Voltage 3 Sense	12.384	Volts
Battery Feed Voltage 2 Sense	12.384	Volts
Internal EPS Voltage Sense A	0.000	Volts
Internal EPS Voltage Sense B	0.000	Volts
Actual Torque - Motor A	0.000	NM
Available Motor Torque - Motor B	157.500	NM
Battery Feed Voltage 1 Sense	12.312	Volts
Available Motor Torque - Motor A	59.125	NM
Available Regen Torque - Motor A	-59.125	NM
Actual Torque - Motor B	0.125	NM
Available Regen Torque - Motor B	-157.500	NM
Commanded Torque - Motor B	0.000	NM
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase A	-4	AMP
Motor A Temp Sensor	26	DegC
Motor B - Inverter Current - phase B	-4	AMP
Commanded Torque - Motor A	0.000	NM
Motor B Temp Sensor	25	DegC
Motor B - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase B	0	AMP
HV Battery Voltage from BPCM	180.00	Volts
Electric Motor B Speed	0.0	rpm
Electric Motor A Speed	0.0	rpm
Motor A Resolver Angle	104	Degree
Motor B Resolver Angle	104	Degree
Outside Air Temperature	26.0	DegC
Inverter B IGBT Temperature for phase A	24	DegC
Inverter B IGBT Temperature for phase B	23	DegC
Inverter A IGBT Temperature for phase B	24	DegC
Inverter A IGBT Temperature for phase A	24	DegC
Inverter A IGBT Temperature for phase C	24	DegC
PIM DC Link Voltage - B	2	Volts
PIM DC Link Voltage - A	2	Volts
Distance Travelled with Light ON	0	km
Inverter B IGBT Temperature for phase C	24	DegC
GPS Date - Month	1	
Motor B Torque	0.125	NM
GPS Date - Year	0	Year

Motor A Torque	0.000	NM
GPS Date - Day	1	Days
UTC Time - Seconds	2	seconds
HV Battery Sleep Time	0	Days
UTC Time - Hours	0	Hours
ECU Time - Milliseconds	619	ms
UTC Time - Minutes	0	

HCP | P1C68-00 | Active | Hybrid Perf - Engine Speed Above Target Idle Speed During Autostop-

NAME	VALUE	UNITS
DTC	1C 68 00	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Test Failed	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	
Brake Switch Status	Applied	
PRND Position Display	P	
Ignition State	Reserved	
Propulsion System Active	True	
CBC Wake-Up Input	Off	
SW Build Release Version	PIM_21B_2007B0_RU_HCP__	
HCP System Shutdown Command	Default	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
HCP SW Version	21B	
APM Status	Buck CV	
OBCM Operating Mode	UTC	
Impact Event	False	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Propulsion System Active	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	9234.7	km
Original Odometer Value	9234.5	km
Frequency Counter	3	
Real time clock	14566512	sec
Ignition Cycle Counter	0	
RAM stamps keyOn	15	sec
HV Battery SOC	70	%

Engine Speed	188	rpm
RAM Stamps	54833	Min
Accelerator Pedal Position	0	%
Vehicle Speed	0.0000	km/h
Motor A Temp Sensor	29	DegC
Motor B Temp Sensor	29	DegC
Barometric Pressure	97	kPa
Engine Coolant Temperature	80	DegC
Internal EPS Voltage Sense B	8.136	Volts
Motor B Torque	7.750	NM
Internal EPS Voltage Sense A	8.208	Volts
Motor A Torque	6.375	NM
Actual Torque - Motor A	6.375	NM
Actual Torque - Motor B	7.750	NM
Available Motor Torque - Motor A	118.250	NM
Available Motor Torque - Motor B	316.250	NM
Available Regen Torque - Motor A	-118.250	NM
Commanded Torque - Motor A	5.375	NM
Available Regen Torque - Motor B	-316.250	NM
Motor A - Inverter Current - phase A	-4	AMP
Commanded Torque - Motor B	6.625	NM
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B Resolver Angle	116	Degree
Motor A Resolver Angle	48	Degree
Motor B - Inverter Current - phase A	0	AMP
Electric Motor A Speed	887.0	rpm
Electric Motor B Speed	5.5	rpm
Motor B - Inverter Current - phase C	0	AMP
PIM DC Link Voltage - A	365	Volts
PIM DC Link Voltage - B	369	Volts
HV Battery Voltage from BPCM	366.80	Volts
HV Battery Sleep Time	1	Days
Outside Air Temperature	26.0	DegC
Battery Feed Voltage 1 Sense	14.328	Volts
Battery Feed Voltage 3 Sense	14.328	Volts
Inverter A IGBT Temperature for phase A	29	DegC
Inverter A IGBT Temperature for phase B	28	DegC
Battery Feed Voltage 2 Sense	14.472	Volts
Inverter A IGBT Temperature for phase C	28	DegC
Distance Travelled with Light ON	0	km
Inverter B IGBT Temperature for phase B	27	DegC
GPS Date - Year	2021	Year

Inverter B IGBT Temperature for phase C	29	DegC
Inverter B IGBT Temperature for phase A	28	DegC
GPS Date - Month	2	
UTC Time - Seconds	0	seconds
UTC Time - Minutes	26	
GPS Date - Day	18	Days
ECU Time - Milliseconds	669	ms
UTC Time - Hours	9	Hours

HCP | U1850-00 | Stored | Implausible Data Received from PCM on D-PT-

NAME	VALUE	UNITS
DTC	D8 50 00	
Test Failed	False	
Pending DTC	True	
Test Failed This Operation Cycle	True	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
Propulsion System Active	False	
PRND Position Display	P	
HCP ePT Wake-Up Output	On	
HCP System Shutdown Command	Default	
HCP SW Version	21B	
SW Build Release Version	PIM_21B_2007B0_RU_HCP___	
EPT LOC Diag Enable	Enable LOC Diagnostic	
CBC Wake-Up Input	Off	
HV Contactor Status	Closed	
APM Status	Idle	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Impact Event	False	
Hybrid System State	Inverters Enabled	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	9234.7	km
Original Odometer Value	9234.5	km
Ignition Cycle Counter	0	
Real time clock	14572088	sec
RAM stamps keyOn	765	sec
Engine Speed	0	rpm

Accelerator Pedal Position	0	%
Frequency Counter	7	
HV Battery SOC	70	%
RAM Stamps	54851	Min
Vehicle Speed	0.0000	km/h
Barometric Pressure	97	kPa
Motor B Temp Sensor	25	DegC
Internal EPS Voltage Sense A	8.208	Volts
Motor A Temp Sensor	26	DegC
Motor A Torque	0.000	NM
Internal EPS Voltage Sense B	8.136	Volts
Motor B Torque	0.000	NM
Actual Torque - Motor A	0.000	NM
Engine Coolant Temperature	24	DegC
Actual Torque - Motor B	0.000	NM
Available Motor Torque - Motor A	118.250	NM
Available Motor Torque - Motor B	315.125	NM
Available Regen Torque - Motor A	-118.250	NM
Available Regen Torque - Motor B	-315.125	NM
Commanded Torque - Motor A	0.000	NM
Motor A - Inverter Current - phase A	0	AMP
Commanded Torque - Motor B	0.000	NM
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Electric Motor B Speed	1.0	rpm
Electric Motor A Speed	0.5	rpm
Motor B - Inverter Current - phase C	-4	AMP
Motor A Resolver Angle	102	Degree
PIM DC Link Voltage - A	365	Volts
Motor B Resolver Angle	104	Degree
PIM DC Link Voltage - B	369	Volts
HV Battery Voltage from BPCM	367.20	Volts
Outside Air Temperature	26.0	DegC
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	11.952	Volts
Inverter A IGBT Temperature for phase A	40	DegC
Battery Feed Voltage 3 Sense	12.024	Volts
Battery Feed Voltage 2 Sense	12.024	Volts
Inverter A IGBT Temperature for phase B	42	DegC
Inverter A IGBT Temperature for phase C	41	DegC
Inverter B IGBT Temperature for phase A	41	DegC
Inverter B IGBT Temperature for phase B	41	DegC

Distance Travelled with Light ON	0	km
GPS Date - Year	2021	Year
UTC Time - Hours	8	Hours
GPS Date - Month	2	
Inverter B IGBT Temperature for phase C	39	DegC
GPS Date - Day	17	Days
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	530	ms
UTC Time - Minutes	13	

MSMP | B222D-00 | Stored | ECU Unable To Configure/Configuration Not Learned-

NAME	VALUE	UNITS
Pending DTC	False	
Test Failed	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
DTC Extended Data Record Number - All	01	
Original Odometer Value	9216	km
Frequency Counter	2	
Ignition Cycle Counter	5	
Most Recent Odometer Value	9216	km

MSMP | U1143-00 | Stored | Lost Communication With Power Sliding Door Module - Left-

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	
Pending DTC	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Test Not Completed This Operation Cycle	False	
Original Odometer Value	8704	km
Most Recent Odometer Value	8704	km
Ignition Cycle Counter	51	
Frequency Counter	1	

ABSO | C2222-00 | Active | Improper Powerdown-

NAME	VALUE	UNITS
DTC	62 22 00	
Pending DTC	True	
Confirmed DTC	True	
Test Failed	True	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	True	
Test Not Completed Since Last Clear	False	
Mirror Memory	No	
Undervoltage Suspected	No	
Occurrence flag	Error	
Controller Event	No	
Current System Mode	CAN active	
System Condition	OK	
Previous System Mode	CAN active	
Brake Pedal Status	Released	
Test Failed This Operation Cycle	False	
Rotation Direction Right Front	Forward	
Rotation Direction Left Front	Forward	
Rotation Direction Right Rear	Forward	
Rotation Direction Left Rear	Forward	
ASR control	Not Active	
ABS control	Not Active	
EBV control	Not Active	
MSR control	Not Active	
HBA control	Not Active	
Hold	No	
Braking assistance system	No assistance system is braking	
HSA control	Not Active	
ESP Control	Not Active	
EPB Mode Status	Limp Home	
Plant Mode	No	
Park Brake	Not Activated	
ESP-OFF mode	No	
Stop Coordinator Active	No	
Actual Gear	N	
Transmission selector lever setting	P	
BLS Low	Yes	
Status Parking Brake Left	Brake is in an Unknown State	
Status Parking Brake Right	Brake is in an Unknown State	
BLS High	No	
EPB Switch Status	Idle	

Clutch	Not Activated	
Original Odometer Value	0	km
Frequency Counter	1	
Ignition Cycle Counter	0	
Most Recent Odometer Value	9232	km
Fault Time	0.00	S
Ignition Unfiltered	0.0	V
Brake Pedal Travel Sensor Position	0	%
Wheel Speed Right Front	0.000	km/h
Supply Voltage Valves	12.2	V
Wheel Speed Left Rear	0.000	km/h
Steering Wheel Angle	0.00	°
Wheel Speed Left Front	0.000	km/h
Supply voltage Pump	10.0	V
Lateral Acceleration	0.00	m/s ²
Yaw Rate	0.000	°/s
Wheel Speed Right Rear	0.000	km/h
Primary Circuit Pressure	0.00	bar
Accelerator Pedal Position	0.0	%
Engine Speed	0.0	rpm
Longitudinal Acceleration	0.00	m/s ²
Supplier Internal Code	140	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0113

No Snapshot Data available for P0198

No Snapshot Data available for P0020

No Snapshot Data available for P0010

No Snapshot Data available for P0023

No Snapshot Data available for P0013

No Snapshot Data available for P0118

No Snapshot Data available for C0077-00

No Snapshot Data available for U0422-00

No Snapshot Data available for U1143-00

No Snapshot Data available for B222D-00

No Snapshot Data available for U1143-00

No Snapshot Data available for U0401-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U1143-00

No Snapshot Data available for C2227-00

No Snapshot Data available for U0415-00

RADIO | B15A1-00 | Stored | Media Port 1 Connection-
Record 0

NAME	VALUE	UNITS
DTC	95 A1 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

Record 1

NAME	VALUE	UNITS
DTC	95 A1 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

No Snapshot Data available for P084F-00

No Snapshot Data available for P1C68-00

No Snapshot Data available for U1850-00

No Snapshot Data available for B222D-00

No Snapshot Data available for U1143-00

No Snapshot Data available for C2222-00

File Edit Views Measurements Tools Automotive Help

5 ms/div 1 MS 32 of 32 x5

±20 V DC B Off DC

1	2	Δ	- X
2.888 V	-1.938 V	4.826 V	



Stopped Trigger None Measurements Rulers Notes

