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VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1L7XMR [REDACTED]

Odometer 37379.4 km
Publication Date Aug 26, 2022, 10:19:01 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AE	2C4RC1L7XMR	2C4RC1L7XMR	68499122AE
PLGM	Power Liftgate	CAN-I	68466171AI	2C4RC1L7XMR	—	68466171AI
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1L7XMR	2C4RC1L7XMR	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1L7XMR	2C4RC1L7XMR	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1L7XMR	2C4RC1L7XMR	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1L7XMR	2C4RC1L7XMR	68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1L7XMR	2C4RC1L7XMR	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1L7XMR	2C4RC1L7XMR	68493454AE
DDM	Driver Door Module	CAN-I	68496463AB	2C4RC1L7XMR	2C4RC1L7XMR	68496463AB
PDM	Passenger Door Module	CAN-I	68496462AB	2C4RC1L7XMR	2C4RC1L7XMR	68496462AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1L7XMR	2C4RC1L7XMR	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1L7XMR	2C4RC1L7XMR	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1L7XMR	2C4RC1L7XMR	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1L7XMR	2C4RC1L7XMR	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1L7XMR	2C4RC1L7XMR	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517011AB	2C4RC1L7XMR	2C4RC1L7XMR	68517011AB
AMP	Amplifier	CAN-I	68476878AA	2C4RC1L7XMR	2C4RC1L7XMR	68476878AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1L7XMR	2C4RC1L7XMR	68434960AE
PTS	Parktronics	CAN-C	68485862AA	2C4RC1L7XMR	2C4RC1L7XMR	68485862AA
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1L7XMR	2C4RC1L7XMR	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1L7XMR	2C4RC1L7XMR	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AA	2C4RC1L7XMR5	2C4RC1L7XMR5	68540436AA
RADIO	Radio	CAN-I	68465292AC	2C4RC1L7XMR5	2C4RC1L7XMR5	68465292AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1L7XMR5	2C4RC1L7XMR5	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1L7XMR5	2C4RC1L7XMR5	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1L7XMR5	2C4RC1L7XMR5	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1L7XMR5	2C4RC1L7XMR5	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1L7XMR5	2C4RC1L7XMR5	68493395AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1L7XMR5	2C4RC1L7XMR5	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AD	2C4RC1L7XMR5	2C4RC1L7XMR5	05193183AD
HCP	Hybrid Control Processor	CAN-C	05185116AJ	2C4RC1L7XMR5	2C4RC1L7XMR5	05185116AJ
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1L7XMR5	2C4RC1L7XMR5	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1L7XMR5	2C4RC1L7XMR5	68321862AC
DSM	Display Screen Module	CAN-I	68438382AD	2C4RC1L7XMR5	2C4RC1L7XMR5	68438382AD
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA	2C4RC1L7XMR5	2C4RC1L7XMR5	6WL30PD2AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1L7XMR5	2C4RC1L7XMR5	56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1L7XMR5	2C4RC1L7XMR5	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AJ	2C4RC1L7XMR5	2C4RC1L7XMR5	05185117AJ
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1L7XMR5	2C4RC1L7XMR5	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1L7XMR5	2C4RC1L7XMR5	68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		2C4RC1L7XMR5	68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1L7XMR5	2C4RC1L7XMR5	68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
PCM	USA	1B 47	75 01 01	4422		
PLGM	USA	0	5084	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	18 2E 01	13 15 00	4030
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		0E 03 00	14 1A 00	4005
HCP	USA	11 1F 04	0F 2D 00	4006
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
ABSO	USA	0E 15 02	14 1B 26	4201
SGW		5	969	4103
TBM2	USA	13 0E 02	14 2A 5C	4104

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HCP	P0A43-00	Drive Motor "A" Position Sensor Circuit Intermittent-	Stored

ENVIRONMENTAL DATA SUMMARY

HCP P0A43-00 Stored Drive Motor "A" Position Sensor Circuit Intermittent-

NAME	VALUE	UNITS
DTC	0A 43 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	37362.2	km
Most Recent Odometer Value	37362.2	km
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	56213416	sec
RAM stamps keyOn	585	sec
RAM Stamps	237504	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	N	
Propulsion System Active	False	
Vehicle Speed	128.2344	km/h
Motor A Temp Sensor	56	DegC
Motor B Temp Sensor	54	DegC
Barometric Pressure	85	kPa
Engine Coolant Temperature	69	DegC
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Angle Offset	1.60	Degree
Motor B Resolver Angle Offset	2.80	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	No fault	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Battery Feed Voltage 2 Sense	14.400	Volts
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.064	Volts
Actual Torque - Motor A	0.000	NM

Actual Torque - Motor B	-9.750	NM
Available Motor Torque - Motor A	0.000	NM
Available Motor Torque - Motor B	110.500	NM
Available Regen Torque - Motor A	0.000	NM
Available Regen Torque - Motor B	-110.500	NM
Commanded Torque - Motor A	0.000	NM
Commanded Torque - Motor B	0.000	NM
Electric Motor A Speed	-10857.0	rpm
Electric Motor B Speed	8810.0	rpm
Battery Feed Voltage 1 Sense	14.400	Volts
Battery Feed Voltage 3 Sense	14.328	Volts
Hybrid System State	Determine Hybrid System State	
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	16	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-20	AMP
Outside Air Temperature	27.0	DegC
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	372.90	Volts
PIM DC Link Voltage - A	375	Volts
PIM DC Link Voltage - B	371	Volts
Inverter A IGBT Temperature for phase A	34	DegC
Inverter A IGBT Temperature for phase B	33	DegC
Inverter A IGBT Temperature for phase C	33	DegC
Inverter B IGBT Temperature for phase A	33	DegC
Inverter B IGBT Temperature for phase B	32	DegC
Inverter B IGBT Temperature for phase C	33	DegC
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	km
Motor A Torque	0.000	NM
Motor B Torque	-9.750	NM
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
GPS Date - Year	2022	Year
GPS Date - Month	8	

GPS Date - Day	25	Days
UTC Time - Hours	17	Hours
UTC Time - Minutes	7	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	163	ms

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0A43-00

