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VEHICLE SCAN REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1H79 [REDACTED]

Odometer 19571.1 miles
Publication Date Aug 2, 2021, 4:33:51 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68416681AF	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68416681AF
ICS	Integrated Center Stack	CAN-I	6EV301X8AB	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	6EV301X8AB
RFH	Radio Frequency Hub	CAN-C	68383681AB	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68383681AB
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68416741AA
ANC	Active Noise Cancellation	CAN-I	68440556AA	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68440556AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68406613AA
DDM	Driver Door Module	CAN-I	68316561AD	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68316561AD
PDM	Passenger Door Module	CAN-I	68316560AD	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68316560AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68369596AB
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68316094AF
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68405292AC
PTS	Parktronics	CAN-C	68193772AJ	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360888AB	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68360888AB
BCM	Body Controller	CAN-C	68402177AB	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68402177AB
RADIO	Radio	CAN-I	68401447AC	2C4RC1 [REDACTED]	2C4RC1H7 [REDACTED]	68401447AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1H7 [REDACTED]	2C4RC1H7 [REDACTED]	68403127AA

HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1H7	2C4RC1H7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1H7	2C4RC1H7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1H7	2C4RC1H7	04672786AB
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1H7	2C4RC1H7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1H7	2C4RC1H7	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190240AP	2C4RC1H7	2C4RC1H7	05190240AP
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1H7	2C4RC1H7	05185047AD
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1H7	2C4RC1H7	68316174AB
RCCC	Rear Cabin Comfort Controls	CAN-I	68405948AA	2C4RC1H7	2C4RC1H7	68405948AA
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1H7	2C4RC1H7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AP	2C4RC1H7	2C4RC1H7	05190241AP
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1H7	2C4RC1H7	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68283578AD	2C4RC1H7	2C4RC1H7	68283578AD
SGW	Security Gateway Module	CAN-C	68420261AA	2C4RC1H7	2C4RC1H7	68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	D7BA4DDA
ICS	USA	0F 0C 00	11 16 00	4400	
RFH	USA / USA	10 17 00	12 08 00	4A00	
ESM	USA / USA	0F 24 00	12 02 FF	4402	
ORC	USA / USA	11 1F 00	11 27 00	4301	
EPS	USA / USA	12 02 03	11 15 01	4502	
ANC	USA	0F 05 01	12 1A 01	4210	
HVAC	USA	0E 09 00	11 29 01	4401	
DDM	USA / USA	11 30 00	17 42 00	4102	
PDM	USA	11 30 00	17 42 00	4102	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	4001	
PLGM	USA	17 19 00	18 22 00	4202	
IPC	USA / USA	12 0A 00	12 10 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	0E 30 00	10 2B 00	4301	

BCM	USA	0D 11 00	12 0B 90	4415	
RADIO	USA	15 0B 11	15 0B 11	8205	
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	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM		0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1F 04	14 08 01	4005	E1481262 302EEFA0 31B4913E
OBCM	USA	0F 0D 00	11 2B 00	4002	
DSM	USA / USA	11 16 00	11 15 00	4000	
RCCC	USA	0F 1D 00	11 25 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	14 08 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 13 17	4201	D6E2728F
SGW		5	564	4102	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Active
HCP	P0A43-00	Drive Motor "A" Position Sensor Circuit Intermittent-	Active

ENVIRONMENTAL DATA SUMMARY

[HCP | P0A3F-00 | Active | Drive Motor A Position Sensor 1 Circuit-](#)

NAME	VALUE	UNITS
DTC	0A 3F 00	
Pending DTC	True	
Confirmed DTC	True	
Test Failed This Operation Cycle	True	
Test Failed	True	
Warning Indicator Requested	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Ignition State	Ignition Off/ACC	
PRND Position Display	P	
Propulsion System Active	False	
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 to Digital Low Level Driver Faults	Resolver Loss of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
EPT LOC Diag Enable	Enable LOC Diagnostic	
CBC Wake-Up Input	On	
HCP ePT Wake-Up Output	On	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
HCP System Shutdown Command	Default	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	19571.1	miles
Frequency Counter	1	
Most Recent Odometer Value	19571.1	miles
Real time clock	85110536	sec
RAM stamps keyOn	780	sec
RAM Stamps	56	Min
Ignition Cycle Counter	0	
Accelerator Pedal Position	0	%
Engine Speed	1038	rpm
Vehicle Speed	0.0000	MPH
HV Battery SOC	44	%
Motor B Temp Sensor	77	°F
Motor A Temp Sensor	77	°F
Engine Coolant Temperature	75	°F
Barometric Pressure	15	PSI
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Angle Offset	4.80	Degree
Motor A Resolver Angle Offset	7.20	Degree
Battery Feed Voltage 2 Sense	12.024	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Internal EPS Voltage Sense A	8.208	Volts
Actual Torque - Motor B	-0.092	Ft-Lbs
Internal EPS Voltage Sense B	8.136	Volts
Available Motor Torque - Motor B	232.577	Ft-Lbs
Available Motor Torque - Motor A	5.992	Ft-Lbs
Available Regen Torque - Motor B	-232.577	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs

Commanded Torque - Motor A	0.000	Ft-Lbs
Electric Motor B Speed	-1.0	rpm
Battery Feed Voltage 3 Sense	12.024	Volts
Electric Motor A Speed	3794.0	rpm
Motor A - Inverter Current - phase C	144	AMP
Motor A - Inverter Current - phase A	-96	AMP
Battery Feed Voltage 1 Sense	12.024	Volts
Motor A - Inverter Current - phase B	-48	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
PIM DC Link Voltage - B	353	Volts
HV Battery Voltage from BPCM	351.30	Volts
Outside Air Temperature	82.4	°F
PIM DC Link Voltage - A	350	Volts
Inverter A IGBT Temperature for phase C	82	°F
Inverter A IGBT Temperature for phase B	82	°F
Inverter A IGBT Temperature for phase A	90	°F
Inverter B IGBT Temperature for phase C	84	°F
Inverter B IGBT Temperature for phase B	81	°F
Inverter B IGBT Temperature for phase A	79	°F
Motor A Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
Distance Travelled with Light ON	0	miles
Motor B Torque	-0.092	Ft-Lbs
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
DTC	0A 43 00	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed	True	
Test Failed This Operation Cycle	True	
Confirmed DTC	True	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Test Failed Since Last Clear	True	

Test Not Completed This Operation Cycle	False	
PHEV Charging Status	No Charging	
Brake Switch Status	Applied	
Ignition State	Ignition Off/ACC	
Propulsion System Active	False	
PRND Position Display	P	
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 to Digital Low Level Driver Faults	Resolver Degradation of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
CBC Wake-Up Input	Off	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
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	
Frequency Counter	1	
Most Recent Odometer Value	19571.1	miles
Ignition Cycle Counter	0	
Original Odometer Value	19571.1	miles
Accelerator Pedal Position	0	%
RAM Stamps	56	Min
Engine Speed	0	rpm
RAM stamps keyOn	795	sec
Real time clock	85110544	sec
HV Battery SOC	44	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	79	°F
Motor B Temp Sensor	77	°F
Motor A Resolver Angle Offset	7.20	Degree
Engine Coolant Temperature	75	°F
Barometric Pressure	15	PSI
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	12.024	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Angle Offset	4.80	Degree
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.136	Volts

Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor B Speed	0.0	rpm
Motor A - Inverter Current - phase A	0	AMP
Battery Feed Voltage 1 Sense	12.096	Volts
Electric Motor A Speed	2.5	rpm
Motor A - Inverter Current - phase B	-4	AMP
Battery Feed Voltage 3 Sense	12.096	Volts
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
HV Battery Voltage from BPCM	180.00	Volts
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	0	AMP
PIM DC Link Voltage - B	19	Volts
Outside Air Temperature	82.4	°F
Inverter A IGBT Temperature for phase A	88	°F
PIM DC Link Voltage - A	18	Volts
Inverter A IGBT Temperature for phase C	84	°F
Inverter B IGBT Temperature for phase A	81	°F
Inverter A IGBT Temperature for phase B	84	°F
Inverter B IGBT Temperature for phase C	82	°F
Inverter B IGBT Temperature for phase B	82	°F
Distance Travelled with Light ON	0	miles
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
GPS Date - Day	1	Days
HV Battery Sleep Time	0	Days
UTC Time - Hours	0	Hours
GPS Date - Month	1	
GPS Date - Year	0	Year
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0A3F-00

No Snapshot Data available for P0A43-00



VEHICLE SCAN REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1H7 [REDACTED]

Odometer 19571.1 miles
Publication Date Aug 2, 2021, 4:33:51 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT V	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68416681AF	2C4RC1H7	2C4RC1H7	68416681AF
ICS	Integrated Center Stack	CAN-I	6EV301X8AB	2C4RC1H7	2C4RC1H7	6EV301X8AB
RFH	Radio Frequency Hub	CAN-C	68383681AB	2C4RC1H7	2C4RC1H7	68383681AB
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1H7	2C4RC1H7	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1H7	2C4RC1H7	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1H7	2C4RC1H7	68416741AA
ANC	Active Noise Cancellation	CAN-I	68440556AA	2C4RC1H7	2C4RC1H7	68440556AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1H7	2C4RC1H7	68406613AA
DDM	Driver Door Module	CAN-I	68316561AD	2C4RC1H7	2C4RC1H7	68316561AD
PDM	Passenger Door Module	CAN-I	68316560AD	2C4RC1H7	2C4RC1H7	68316560AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1H7	2C4RC1H7	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1H7	2C4RC1H7	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1H7	2C4RC1H7	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1H7	2C4RC1H7	68369596AB
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1H7	2C4RC1H7	68316094AF
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1H7	2C4RC1H7	68405292AC
PTS	Parktronics	CAN-C	68193772AJ	2C4RC1H7	2C4RC1H7	68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360888AB	2C4RC1H7	2C4RC1H7	68360888AB
BCM	Body Controller	CAN-C	68402177AB	2C4RC1H7	2C4RC1H7	68402177AB
RADIO	Radio	CAN-I	68401447AC	2C4RC1	2C4RC1H7	68401447AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1H7	2C4RC1H7	68403127AA

HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1H7	2C4RC1H7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1H7	2C4RC1H7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1H7	2C4RC1H7	04672786AB
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1H7	2C4RC1H7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1H7	2C4RC1H7	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190240AP	2C4RC1H7	2C4RC1H7	05190240AP
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1H7	2C4RC1H7	05185047AD
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1H7	2C4RC1H7	68316174AB
RCCC	Rear Cabin Comfort Controls	CAN-I	68405948AA	2C4RC1H7	2C4RC1H7	68405948AA
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1H7	2C4RC1H7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AP	2C4RC1H7	2C4RC1H7	05190241AP
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1H7	2C4RC1H7	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68283578AD	2C4RC1H7	2C4RC1H7	68283578AD
SGW	Security Gateway Module	CAN-C	68420261AA		2C4RC1H7	68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	D7BA4DDA
ICS	USA	0F 0C 00	11 16 00	4400	
RFH	USA / USA	10 17 00	12 08 00	4A00	
ESM	USA / USA	0F 24 00	12 02 FF	4402	
ORC	USA / USA	11 1F 00	11 27 00	4301	
EPS	USA / USA	12 02 03	11 15 01	4502	
ANC	USA	0F 05 01	12 1A 01	4210	
HVAC	USA	0E 09 00	11 29 01	4401	
DDM	USA / USA	11 30 00	17 42 00	4102	
PDM	USA	11 30 00	17 42 00	4102	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	4001	
PLGM	USA	17 19 00	18 22 00	4202	
IPC	USA / USA	12 0A 00	12 10 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	0E 30 00	10 2B 00	4301	

BCM	USA	0D 11 00	12 0B 90	4415	
RADIO	USA	15 0B 11	15 0B 11	8205	
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	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM		0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1F 04	14 08 01	4005	E1481262 302EEFA0 31B4913E
OBCM	USA	0F 0D 00	11 2B 00	4002	
DSM	USA / USA	11 16 00	11 15 00	4000	
RCCC	USA	0F 1D 00	11 25 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	14 08 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 13 17	4201	D6E2728F
SGW		5	564	4102	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Active
HCP	P0A43-00	Drive Motor "A" Position Sensor Circuit Intermittent-	Active

ENVIRONMENTAL DATA SUMMARY

[HCP | P0A3F-00 | Active | Drive Motor A Position Sensor 1 Circuit-](#)

NAME	VALUE	UNITS
DTC	0A 3F 00	
Pending DTC	True	
Confirmed DTC	True	
Test Failed This Operation Cycle	True	
Test Failed	True	
Warning Indicator Requested	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Ignition State	Ignition Off/ACC	
PRND Position Display	P	
Propulsion System Active	False	
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 to Digital Low Level Driver Faults	Resolver Loss of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
EPT LOC Diag Enable	Enable LOC Diagnostic	
CBC Wake-Up Input	On	
HCP ePT Wake-Up Output	On	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
HCP System Shutdown Command	Default	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	19571.1	miles
Frequency Counter	1	
Most Recent Odometer Value	19571.1	miles
Real time clock	85110536	sec
RAM stamps keyOn	780	sec
RAM Stamps	56	Min
Ignition Cycle Counter	0	
Accelerator Pedal Position	0	%
Engine Speed	1038	rpm
Vehicle Speed	0.0000	MPH
HV Battery SOC	44	%
Motor B Temp Sensor	77	°F
Motor A Temp Sensor	77	°F
Engine Coolant Temperature	75	°F
Barometric Pressure	15	PSI
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Angle Offset	4.80	Degree
Motor A Resolver Angle Offset	7.20	Degree
Battery Feed Voltage 2 Sense	12.024	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Internal EPS Voltage Sense A	8.208	Volts
Actual Torque - Motor B	-0.092	Ft-Lbs
Internal EPS Voltage Sense B	8.136	Volts
Available Motor Torque - Motor B	232.577	Ft-Lbs
Available Motor Torque - Motor A	5.992	Ft-Lbs
Available Regen Torque - Motor B	-232.577	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs

Commanded Torque - Motor A	0.000	Ft-Lbs
Electric Motor B Speed	-1.0	rpm
Battery Feed Voltage 3 Sense	12.024	Volts
Electric Motor A Speed	3794.0	rpm
Motor A - Inverter Current - phase C	144	AMP
Motor A - Inverter Current - phase A	-96	AMP
Battery Feed Voltage 1 Sense	12.024	Volts
Motor A - Inverter Current - phase B	-48	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
PIM DC Link Voltage - B	353	Volts
HV Battery Voltage from BPCM	351.30	Volts
Outside Air Temperature	82.4	°F
PIM DC Link Voltage - A	350	Volts
Inverter A IGBT Temperature for phase C	82	°F
Inverter A IGBT Temperature for phase B	82	°F
Inverter A IGBT Temperature for phase A	90	°F
Inverter B IGBT Temperature for phase C	84	°F
Inverter B IGBT Temperature for phase B	81	°F
Inverter B IGBT Temperature for phase A	79	°F
Motor A Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
Distance Travelled with Light ON	0	miles
Motor B Torque	-0.092	Ft-Lbs
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
DTC	0A 43 00	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed	True	
Test Failed This Operation Cycle	True	
Confirmed DTC	True	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Test Failed Since Last Clear	True	

Test Not Completed This Operation Cycle	False	
PHEV Charging Status	No Charging	
Brake Switch Status	Applied	
Ignition State	Ignition Off/ACC	
Propulsion System Active	False	
PRND Position Display	P	
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 to Digital Low Level Driver Faults	Resolver Degradation of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
CBC Wake-Up Input	Off	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
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	
Frequency Counter	1	
Most Recent Odometer Value	19571.1	miles
Ignition Cycle Counter	0	
Original Odometer Value	19571.1	miles
Accelerator Pedal Position	0	%
RAM Stamps	56	Min
Engine Speed	0	rpm
RAM stamps keyOn	795	sec
Real time clock	85110544	sec
HV Battery SOC	44	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	79	°F
Motor B Temp Sensor	77	°F
Motor A Resolver Angle Offset	7.20	Degree
Engine Coolant Temperature	75	°F
Barometric Pressure	15	PSI
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	12.024	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Angle Offset	4.80	Degree
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.136	Volts

Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor B Speed	0.0	rpm
Motor A - Inverter Current - phase A	0	AMP
Battery Feed Voltage 1 Sense	12.096	Volts
Electric Motor A Speed	2.5	rpm
Motor A - Inverter Current - phase B	-4	AMP
Battery Feed Voltage 3 Sense	12.096	Volts
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
HV Battery Voltage from BPCM	180.00	Volts
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	0	AMP
PIM DC Link Voltage - B	19	Volts
Outside Air Temperature	82.4	°F
Inverter A IGBT Temperature for phase A	88	°F
PIM DC Link Voltage - A	18	Volts
Inverter A IGBT Temperature for phase C	84	°F
Inverter B IGBT Temperature for phase A	81	°F
Inverter A IGBT Temperature for phase B	84	°F
Inverter B IGBT Temperature for phase C	82	°F
Inverter B IGBT Temperature for phase B	82	°F
Distance Travelled with Light ON	0	miles
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
GPS Date - Day	1	Days
HV Battery Sleep Time	0	Days
UTC Time - Hours	0	Hours
GPS Date - Month	1	
GPS Date - Year	0	Year
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0A3F-00

No Snapshot Data available for P0A43-00



VEHICLE SCAN REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1H79 [REDACTED]

Odometer 19571.1 miles
Publication Date Aug 2, 2021, 4:33:51 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68416681AF	2C4RC1H7	2C4RC1H7	68416681AF
ICS	Integrated Center Stack	CAN-I	6EV301X8AB	2C4RC1H7	2C4RC1H7	6EV301X8AB
RFH	Radio Frequency Hub	CAN-C	68383681AB	2C4RC1H7	2C4RC1H7	68383681AB
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1H7	2C4RC1H7	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1H7	2C4RC1H7	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1H7	2C4RC1H7	68416741AA
ANC	Active Noise Cancellation	CAN-I	68440556AA	2C4RC1H7	2C4RC1H7	68440556AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1H7	2C4RC1H7	68406613AA
DDM	Driver Door Module	CAN-I	68316561AD	2C4RC1H7	2C4RC1H7	68316561AD
PDM	Passenger Door Module	CAN-I	68316560AD	2C4RC1H7	2C4RC1H7	68316560AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1H7	2C4RC1H7	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1H7	2C4RC1H7	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1H7	2C4RC1H7	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1H7	2C4RC1H7	68369596AB
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1H7	2C4RC1H7	68316094AF
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1H7	2C4RC1H7	68405292AC
PTS	Parktronics	CAN-C	68193772AJ	2C4RC1H7	2C4RC1H7	68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360888AB	2C4RC1H7	2C4RC1H7	68360888AB
BCM	Body Controller	CAN-C	68402177AB	2C4RC1H7	2C4RC1H7	68402177AB
RADIO	Radio	CAN-I	68401447AC	2C4RC1	2C4RC1H7	68401447AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1H7	2C4RC1H7	68403127AA

HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1H7		2C4RC1H7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1H7		2C4RC1H7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1H7		2C4RC1H7	04672786AB
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1H7		2C4RC1H7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1H7		2C4RC1H7	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190240AP	2C4RC1H7		2C4RC1H7	05190240AP
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1H7		2C4RC1H7	05185047AD
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1H7		2C4RC1H7	68316174AB
RCCC	Rear Cabin Comfort Controls	CAN-I	68405948AA	2C4RC1H7		2C4RC1H7	68405948AA
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1H7		2C4RC1H7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AP	2C4RC1H7		2C4RC1H7	05190241AP
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1H7		2C4RC1H7	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68283578AD	2C4RC1H7		2C4RC1H7	68283578AD
SGW	Security Gateway Module	CAN-C	68420261AA			2C4RC1H7	68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	D7BA4DDA
ICS	USA	0F 0C 00	11 16 00	4400	
RFH	USA / USA	10 17 00	12 08 00	4A00	
ESM	USA / USA	0F 24 00	12 02 FF	4402	
ORC	USA / USA	11 1F 00	11 27 00	4301	
EPS	USA / USA	12 02 03	11 15 01	4502	
ANC	USA	0F 05 01	12 1A 01	4210	
HVAC	USA	0E 09 00	11 29 01	4401	
DDM	USA / USA	11 30 00	17 42 00	4102	
PDM	USA	11 30 00	17 42 00	4102	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	4001	
PLGM	USA	17 19 00	18 22 00	4202	
IPC	USA / USA	12 0A 00	12 10 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	0E 30 00	10 2B 00	4301	

BCM	USA	0D 11 00	12 0B 90	4415	
RADIO	USA	15 0B 11	15 0B 11	8205	
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	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM		0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1F 04	14 08 01	4005	E1481262 302EEFA0 31B4913E
OBCM	USA	0F 0D 00	11 2B 00	4002	
DSM	USA / USA	11 16 00	11 15 00	4000	
RCCC	USA	0F 1D 00	11 25 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	14 08 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 13 17	4201	D6E2728F
SGW		5	564	4102	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Active
HCP	P0A43-00	Drive Motor "A" Position Sensor Circuit Intermittent-	Active

ENVIRONMENTAL DATA SUMMARY

[HCP | P0A3F-00 | Active | Drive Motor A Position Sensor 1 Circuit-](#)

NAME	VALUE	UNITS
DTC	0A 3F 00	
Pending DTC	True	
Confirmed DTC	True	
Test Failed This Operation Cycle	True	
Test Failed	True	
Warning Indicator Requested	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Ignition State	Ignition Off/ACC	
PRND Position Display	P	
Propulsion System Active	False	
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 to Digital Low Level Driver Faults	Resolver Loss of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
EPT LOC Diag Enable	Enable LOC Diagnostic	
CBC Wake-Up Input	On	
HCP ePT Wake-Up Output	On	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
HCP System Shutdown Command	Default	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	19571.1	miles
Frequency Counter	1	
Most Recent Odometer Value	19571.1	miles
Real time clock	85110536	sec
RAM stamps keyOn	780	sec
RAM Stamps	56	Min
Ignition Cycle Counter	0	
Accelerator Pedal Position	0	%
Engine Speed	1038	rpm
Vehicle Speed	0.0000	MPH
HV Battery SOC	44	%
Motor B Temp Sensor	77	°F
Motor A Temp Sensor	77	°F
Engine Coolant Temperature	75	°F
Barometric Pressure	15	PSI
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Angle Offset	4.80	Degree
Motor A Resolver Angle Offset	7.20	Degree
Battery Feed Voltage 2 Sense	12.024	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Internal EPS Voltage Sense A	8.208	Volts
Actual Torque - Motor B	-0.092	Ft-Lbs
Internal EPS Voltage Sense B	8.136	Volts
Available Motor Torque - Motor B	232.577	Ft-Lbs
Available Motor Torque - Motor A	5.992	Ft-Lbs
Available Regen Torque - Motor B	-232.577	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs

Commanded Torque - Motor A	0.000	Ft-Lbs
Electric Motor B Speed	-1.0	rpm
Battery Feed Voltage 3 Sense	12.024	Volts
Electric Motor A Speed	3794.0	rpm
Motor A - Inverter Current - phase C	144	AMP
Motor A - Inverter Current - phase A	-96	AMP
Battery Feed Voltage 1 Sense	12.024	Volts
Motor A - Inverter Current - phase B	-48	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
PIM DC Link Voltage - B	353	Volts
HV Battery Voltage from BPCM	351.30	Volts
Outside Air Temperature	82.4	°F
PIM DC Link Voltage - A	350	Volts
Inverter A IGBT Temperature for phase C	82	°F
Inverter A IGBT Temperature for phase B	82	°F
Inverter A IGBT Temperature for phase A	90	°F
Inverter B IGBT Temperature for phase C	84	°F
Inverter B IGBT Temperature for phase B	81	°F
Inverter B IGBT Temperature for phase A	79	°F
Motor A Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
Distance Travelled with Light ON	0	miles
Motor B Torque	-0.092	Ft-Lbs
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
DTC	0A 43 00	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed	True	
Test Failed This Operation Cycle	True	
Confirmed DTC	True	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Test Failed Since Last Clear	True	

Test Not Completed This Operation Cycle	False	
PHEV Charging Status	No Charging	
Brake Switch Status	Applied	
Ignition State	Ignition Off/ACC	
Propulsion System Active	False	
PRND Position Display	P	
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 to Digital Low Level Driver Faults	Resolver Degradation of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
CBC Wake-Up Input	Off	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
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	
Frequency Counter	1	
Most Recent Odometer Value	19571.1	miles
Ignition Cycle Counter	0	
Original Odometer Value	19571.1	miles
Accelerator Pedal Position	0	%
RAM Stamps	56	Min
Engine Speed	0	rpm
RAM stamps keyOn	795	sec
Real time clock	85110544	sec
HV Battery SOC	44	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	79	°F
Motor B Temp Sensor	77	°F
Motor A Resolver Angle Offset	7.20	Degree
Engine Coolant Temperature	75	°F
Barometric Pressure	15	PSI
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	12.024	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Angle Offset	4.80	Degree
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.136	Volts

Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor B Speed	0.0	rpm
Motor A - Inverter Current - phase A	0	AMP
Battery Feed Voltage 1 Sense	12.096	Volts
Electric Motor A Speed	2.5	rpm
Motor A - Inverter Current - phase B	-4	AMP
Battery Feed Voltage 3 Sense	12.096	Volts
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
HV Battery Voltage from BPCM	180.00	Volts
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	0	AMP
PIM DC Link Voltage - B	19	Volts
Outside Air Temperature	82.4	°F
Inverter A IGBT Temperature for phase A	88	°F
PIM DC Link Voltage - A	18	Volts
Inverter A IGBT Temperature for phase C	84	°F
Inverter B IGBT Temperature for phase A	81	°F
Inverter A IGBT Temperature for phase B	84	°F
Inverter B IGBT Temperature for phase C	82	°F
Inverter B IGBT Temperature for phase B	82	°F
Distance Travelled with Light ON	0	miles
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
GPS Date - Day	1	Days
HV Battery Sleep Time	0	Days
UTC Time - Hours	0	Hours
GPS Date - Month	1	
GPS Date - Year	0	Year
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0A3F-00

No Snapshot Data available for P0A43-00



VEHICLE SCAN REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1H7 [REDACTED]

Odometer 19571.1 miles
Publication Date Aug 2, 2021, 4:33:51 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68416681AF	2C4RC1H	2C4RC1H7	68416681AF
ICS	Integrated Center Stack	CAN-I	6EV301X8AB	2C4RC1H	2C4RC1H7	6EV301X8AB
RFH	Radio Frequency Hub	CAN-C	68383681AB	2C4RC1H	2C4RC1H7	68383681AB
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1H	2C4RC1H7	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1H	2C4RC1H7	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1H	2C4RC1H7	68416741AA
ANC	Active Noise Cancellation	CAN-I	68440556AA	2C4RC1H	2C4RC1H7	68440556AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1H	2C4RC1H7	68406613AA
DDM	Driver Door Module	CAN-I	68316561AD	2C4RC1H	2C4RC1H7	68316561AD
PDM	Passenger Door Module	CAN-I	68316560AD	2C4RC1H	2C4RC1H7	68316560AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1H	2C4RC1H7	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1H	2C4RC1H7	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1H	2C4RC1H7	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1H	2C4RC1H7	68369596AB
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1H	2C4RC1H7	68316094AF
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1H	2C4RC1H7	68405292AC
PTS	Parktronics	CAN-C	68193772AJ	2C4RC1H	2C4RC1H7	68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360888AB	2C4RC1H	2C4RC1H7	68360888AB
BCM	Body Controller	CAN-C	68402177AB	2C4RC1H	2C4RC1H7	68402177AB
RADIO	Radio	CAN-I	68401447AC	2C4RC1	2C4RC1H7	68401447AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1H	2C4RC1H7	68403127AA

HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1H		2C4RC1H	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1H		2C4RC1H	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1H		2C4RC1H	04672786AB
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1H		2C4RC1H	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1H		2C4RC1H	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190240AP	2C4RC1H		2C4RC1H	05190240AP
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1H		2C4RC1H	05185047AD
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1H		2C4RC1H	68316174AB
RCCC	Rear Cabin Comfort Controls	CAN-I	68405948AA	2C4RC1H		2C4RC1H	68405948AA
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1H		2C4RC1H	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AP	2C4RC1H		2C4RC1H	05190241AP
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1H		2C4RC1H	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68283578AD	2C4RC1H		2C4RC1H	68283578AD
SGW	Security Gateway Module	CAN-C	68420261AA			2C4RC1H	68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	D7BA4DDA
ICS	USA	0F 0C 00	11 16 00	4400	
RFH	USA / USA	10 17 00	12 08 00	4A00	
ESM	USA / USA	0F 24 00	12 02 FF	4402	
ORC	USA / USA	11 1F 00	11 27 00	4301	
EPS	USA / USA	12 02 03	11 15 01	4502	
ANC	USA	0F 05 01	12 1A 01	4210	
HVAC	USA	0E 09 00	11 29 01	4401	
DDM	USA / USA	11 30 00	17 42 00	4102	
PDM	USA	11 30 00	17 42 00	4102	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	4001	
PLGM	USA	17 19 00	18 22 00	4202	
IPC	USA / USA	12 0A 00	12 10 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	0E 30 00	10 2B 00	4301	

BCM	USA	0D 11 00	12 0B 90	4415	
RADIO	USA	15 0B 11	15 0B 11	8205	
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	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM		0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1F 04	14 08 01	4005	E1481262 302EEFA0 31B4913E
OBCM	USA	0F 0D 00	11 2B 00	4002	
DSM	USA / USA	11 16 00	11 15 00	4000	
RCCC	USA	0F 1D 00	11 25 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	14 08 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 13 17	4201	D6E2728F
SGW		5	564	4102	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Active
HCP	P0A43-00	Drive Motor "A" Position Sensor Circuit Intermittent-	Active

ENVIRONMENTAL DATA SUMMARY

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

NAME	VALUE	UNITS
DTC	0A 3F 00	
Pending DTC	True	
Confirmed DTC	True	
Test Failed This Operation Cycle	True	
Test Failed	True	
Warning Indicator Requested	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Ignition State	Ignition Off/ACC	
PRND Position Display	P	
Propulsion System Active	False	
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 to Digital Low Level Driver Faults	Resolver Loss of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
EPT LOC Diag Enable	Enable LOC Diagnostic	
CBC Wake-Up Input	On	
HCP ePT Wake-Up Output	On	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
HCP System Shutdown Command	Default	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	19571.1	miles
Frequency Counter	1	
Most Recent Odometer Value	19571.1	miles
Real time clock	85110536	sec
RAM stamps keyOn	780	sec
RAM Stamps	56	Min
Ignition Cycle Counter	0	
Accelerator Pedal Position	0	%
Engine Speed	1038	rpm
Vehicle Speed	0.0000	MPH
HV Battery SOC	44	%
Motor B Temp Sensor	77	°F
Motor A Temp Sensor	77	°F
Engine Coolant Temperature	75	°F
Barometric Pressure	15	PSI
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Angle Offset	4.80	Degree
Motor A Resolver Angle Offset	7.20	Degree
Battery Feed Voltage 2 Sense	12.024	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Internal EPS Voltage Sense A	8.208	Volts
Actual Torque - Motor B	-0.092	Ft-Lbs
Internal EPS Voltage Sense B	8.136	Volts
Available Motor Torque - Motor B	232.577	Ft-Lbs
Available Motor Torque - Motor A	5.992	Ft-Lbs
Available Regen Torque - Motor B	-232.577	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs

Commanded Torque - Motor A	0.000	Ft-Lbs
Electric Motor B Speed	-1.0	rpm
Battery Feed Voltage 3 Sense	12.024	Volts
Electric Motor A Speed	3794.0	rpm
Motor A - Inverter Current - phase C	144	AMP
Motor A - Inverter Current - phase A	-96	AMP
Battery Feed Voltage 1 Sense	12.024	Volts
Motor A - Inverter Current - phase B	-48	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
PIM DC Link Voltage - B	353	Volts
HV Battery Voltage from BPCM	351.30	Volts
Outside Air Temperature	82.4	°F
PIM DC Link Voltage - A	350	Volts
Inverter A IGBT Temperature for phase C	82	°F
Inverter A IGBT Temperature for phase B	82	°F
Inverter A IGBT Temperature for phase A	90	°F
Inverter B IGBT Temperature for phase C	84	°F
Inverter B IGBT Temperature for phase B	81	°F
Inverter B IGBT Temperature for phase A	79	°F
Motor A Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
Distance Travelled with Light ON	0	miles
Motor B Torque	-0.092	Ft-Lbs
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
DTC	0A 43 00	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed	True	
Test Failed This Operation Cycle	True	
Confirmed DTC	True	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Test Failed Since Last Clear	True	

Test Not Completed This Operation Cycle	False	
PHEV Charging Status	No Charging	
Brake Switch Status	Applied	
Ignition State	Ignition Off/ACC	
Propulsion System Active	False	
PRND Position Display	P	
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 to Digital Low Level Driver Faults	Resolver Degradation of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
CBC Wake-Up Input	Off	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
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	
Frequency Counter	1	
Most Recent Odometer Value	19571.1	miles
Ignition Cycle Counter	0	
Original Odometer Value	19571.1	miles
Accelerator Pedal Position	0	%
RAM Stamps	56	Min
Engine Speed	0	rpm
RAM stamps keyOn	795	sec
Real time clock	85110544	sec
HV Battery SOC	44	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	79	°F
Motor B Temp Sensor	77	°F
Motor A Resolver Angle Offset	7.20	Degree
Engine Coolant Temperature	75	°F
Barometric Pressure	15	PSI
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	12.024	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Angle Offset	4.80	Degree
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.136	Volts

Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor B Speed	0.0	rpm
Motor A - Inverter Current - phase A	0	AMP
Battery Feed Voltage 1 Sense	12.096	Volts
Electric Motor A Speed	2.5	rpm
Motor A - Inverter Current - phase B	-4	AMP
Battery Feed Voltage 3 Sense	12.096	Volts
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
HV Battery Voltage from BPCM	180.00	Volts
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	0	AMP
PIM DC Link Voltage - B	19	Volts
Outside Air Temperature	82.4	°F
Inverter A IGBT Temperature for phase A	88	°F
PIM DC Link Voltage - A	18	Volts
Inverter A IGBT Temperature for phase C	84	°F
Inverter B IGBT Temperature for phase A	81	°F
Inverter A IGBT Temperature for phase B	84	°F
Inverter B IGBT Temperature for phase C	82	°F
Inverter B IGBT Temperature for phase B	82	°F
Distance Travelled with Light ON	0	miles
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
GPS Date - Day	1	Days
HV Battery Sleep Time	0	Days
UTC Time - Hours	0	Hours
GPS Date - Month	1	
GPS Date - Year	0	Year
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0A3F-00

No Snapshot Data available for P0A43-00





