

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)



VEHICLE SCAN REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [REDACTED]

Odometer 55029.6 miles
Publication Date Feb 1, 2022, 3:25:06 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[REDACTED]	[REDACTED]	68444229AE
ICS	Integrated Center Stack	CAN-I				
RFH	Radio Frequency Hub	CAN-C	68453559AB	[REDACTED]	[REDACTED]	68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM	[REDACTED]	[REDACTED]	68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD	[REDACTED]	[REDACTED]	68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA	[REDACTED]	[REDACTED]	68460392AA
ANC	Active Noise Cancelation	CAN-I				
HVAC	Heat, Ventilation and A/C	CAN-I				
DDM	Driver Door Module	CAN-I				
PDM	Passenger Door Module	CAN-I				
DMRL	Door Module Rear Left	CAN-I				
DMRR	Door Module Rear Right	CAN-I				
PSDML	Power Sliding Doors (Left)	CAN-I				
PSDMR	Power Sliding Doors (Right)	CAN-I				
PLGM	Power Liftgate	CAN-I				
CSWM	Comfort Seat Wheel Module	CAN-I				
IPC	Instrument Panel Cluster	CAN-C	68434956AC	[REDACTED]	[REDACTED]	68434956AC
PTS	Parktronics	CAN-C	68193772AJ	[REDACTED]	[REDACTED]	68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD	[REDACTED]	[REDACTED]	68360889AD
BCM	Body Controller	CAN-C	68424601AE	[REDACTED]	[REDACTED]	68424601AE
RADIO	Radio	CAN-I				

OCM	Occupant Classification	CAN-C	68403127AA			68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I				
LBSS	Left Blind Spot Sensor	CAN-I				
RBSS	Right Blind Spot Sensor	CAN-I				
APM	Accessory Power Module	CAN-C	05185046AB			05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD			05193166AD
HCP	Hybrid Control Processor	CAN-C	05190265AF			05190265AF
OBCM	On Board Charging Module	CAN-C	05185047AE			05185047AE
DSM	Display Screen Module	CAN-I				
RCCC	Rear Cabin Comfort Controls	CAN-I				
EAC	Electric A/C Compressor	CAN-C	68237995AG			68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190266AF			05190266AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB			68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD			68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB			68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	DFF8E724
ICS					
RFH	USA / USA	10 17 00	13 09 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	
ANC					
HVAC					
DDM					
PDM					
DMRL					
DMRR					
PSDML					
PSDMR					
PLGM					
CSWM					
IPC	USA / USA	12 06 00	13 27 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	

SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	13 2C 90	4415	
RADIO					
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR					
LBSS					
RBSS					
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1F 04	19 48 01	4005	6AE19B37 847169A3 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM					
RCCC					
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	19 48 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

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	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	55024.6	miles
Most Recent Odometer Value	55024.6	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	45707136	sec
RAM stamps keyOn	930	sec

RAM Stamps	253758	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	2642	rpm
HV Battery SOC	26	%
Ignition State	Reserved	
PRND Position Display	D	
Propulsion System Active	True	
Vehicle Speed	81.5647	MPH
Motor A Temp Sensor	154	°F
Motor B Temp Sensor	151	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	192	°F
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Angle Offset	2.00	Degree
Motor B Resolver Angle Offset	4.00	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	14.760	Volts
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.064	Volts
Actual Torque - Motor A	-37.150	Ft-Lbs
Actual Torque - Motor B	-1.567	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	71.442	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-71.442	Ft-Lbs
Commanded Torque - Motor A	-37.611	Ft-Lbs
Commanded Torque - Motor B	-2.212	Ft-Lbs
Electric Motor A Speed	-125.5	rpm
Electric Motor B Speed	8979.5	rpm
Battery Feed Voltage 1 Sense	14.688	Volts
Battery Feed Voltage 3 Sense	14.688	Volts
Hybrid System State	Propulsion System Active	
Motor A - Inverter Current - phase A	-140	AMP
Motor A - Inverter Current - phase B	132	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-8	AMP
Motor B - Inverter Current - phase B	-40	AMP

Motor B - Inverter Current - phase C	44	AMP
Outside Air Temperature	68.0	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	343.10	Volts
PIM DC Link Voltage - A	340	Volts
PIM DC Link Voltage - B	346	Volts
Inverter A IGBT Temperature for phase A	104	°F
Inverter A IGBT Temperature for phase B	102	°F
Inverter A IGBT Temperature for phase C	102	°F
Inverter B IGBT Temperature for phase A	90	°F
Inverter B IGBT Temperature for phase B	90	°F
Inverter B IGBT Temperature for phase C	91	°F
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	-37.150	Ft-Lbs
Motor B Torque	-1.567	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0A43-00



VEHICLE SCAN REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [REDACTED]

Odometer 55029.6 miles
Publication Date Feb 1, 2022, 3:25:06 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[REDACTED]	[REDACTED]	68444229AE
ICS	Integrated Center Stack	CAN-I				
RFH	Radio Frequency Hub	CAN-C	68453559AB	[REDACTED]	[REDACTED]	68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM	[REDACTED]	[REDACTED]	68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD	[REDACTED]	[REDACTED]	68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA	[REDACTED]	[REDACTED]	68460392AA
ANC	Active Noise Cancelation	CAN-I				
HVAC	Heat, Ventilation and A/C	CAN-I				
DDM	Driver Door Module	CAN-I				
PDM	Passenger Door Module	CAN-I				
DMRL	Door Module Rear Left	CAN-I				
DMRR	Door Module Rear Right	CAN-I				
PSDML	Power Sliding Doors (Left)	CAN-I				
PSDMR	Power Sliding Doors (Right)	CAN-I				
PLGM	Power Liftgate	CAN-I				
CSWM	Comfort Seat Wheel Module	CAN-I				
IPC	Instrument Panel Cluster	CAN-C	68434956AC	[REDACTED]	[REDACTED]	68434956AC
PTS	Parktronics	CAN-C	68193772AJ	[REDACTED]	[REDACTED]	68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD	[REDACTED]	[REDACTED]	68360889AD
BCM	Body Controller	CAN-C	68424601AE	[REDACTED]	[REDACTED]	68424601AE
RADIO	Radio	CAN-I				

OCM	Occupant Classification	CAN-C	68403127AA			68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I				
LBSS	Left Blind Spot Sensor	CAN-I				
RBSS	Right Blind Spot Sensor	CAN-I				
APM	Accessory Power Module	CAN-C	05185046AB			05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD			05193166AD
HCP	Hybrid Control Processor	CAN-C	05190265AF			05190265AF
OBCM	On Board Charging Module	CAN-C	05185047AE			05185047AE
DSM	Display Screen Module	CAN-I				
RCCC	Rear Cabin Comfort Controls	CAN-I				
EAC	Electric A/C Compressor	CAN-C	68237995AG			68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190266AF			05190266AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB			68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD			68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB			68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	DFF8E724
ICS					
RFH	USA / USA	10 17 00	13 09 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	
ANC					
HVAC					
DDM					
PDM					
DMRL					
DMRR					
PSDML					
PSDMR					
PLGM					
CSWM					
IPC	USA / USA	12 06 00	13 27 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	

SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	13 2C 90	4415	
RADIO					
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR					
LBSS					
RBSS					
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1F 04	19 48 01	4005	6AE19B37 847169A3 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM					
RCCC					
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	19 48 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

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	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	55024.6	miles
Most Recent Odometer Value	55024.6	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	45707136	sec
RAM stamps keyOn	930	sec

RAM Stamps	253758	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	2642	rpm
HV Battery SOC	26	%
Ignition State	Reserved	
PRND Position Display	D	
Propulsion System Active	True	
Vehicle Speed	81.5647	MPH
Motor A Temp Sensor	154	°F
Motor B Temp Sensor	151	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	192	°F
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Angle Offset	2.00	Degree
Motor B Resolver Angle Offset	4.00	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	14.760	Volts
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.064	Volts
Actual Torque - Motor A	-37.150	Ft-Lbs
Actual Torque - Motor B	-1.567	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	71.442	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-71.442	Ft-Lbs
Commanded Torque - Motor A	-37.611	Ft-Lbs
Commanded Torque - Motor B	-2.212	Ft-Lbs
Electric Motor A Speed	-125.5	rpm
Electric Motor B Speed	8979.5	rpm
Battery Feed Voltage 1 Sense	14.688	Volts
Battery Feed Voltage 3 Sense	14.688	Volts
Hybrid System State	Propulsion System Active	
Motor A - Inverter Current - phase A	-140	AMP
Motor A - Inverter Current - phase B	132	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-8	AMP
Motor B - Inverter Current - phase B	-40	AMP

Motor B - Inverter Current - phase C	44	AMP
Outside Air Temperature	68.0	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	343.10	Volts
PIM DC Link Voltage - A	340	Volts
PIM DC Link Voltage - B	346	Volts
Inverter A IGBT Temperature for phase A	104	°F
Inverter A IGBT Temperature for phase B	102	°F
Inverter A IGBT Temperature for phase C	102	°F
Inverter B IGBT Temperature for phase A	90	°F
Inverter B IGBT Temperature for phase B	90	°F
Inverter B IGBT Temperature for phase C	91	°F
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	-37.150	Ft-Lbs
Motor B Torque	-1.567	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0A43-00

