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CONFIGURATION REPORT

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

Odometer 25640.2 km
Publication Date Oct 29, 2021, 10:47:47 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA	6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB	68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM	68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD	68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC	68447893AC
DDM	Driver Door Module	CAN-I	68424451AC	68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC	68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF	68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434910AC	68434910AC
AMP	Amplifier	CAN-I	68476878AA	68476878AA
IPC	Instrument Panel Cluster	CAN-C	68434956AD	68434956AD
PTS	Parktronics	CAN-C	68193772AJ	68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD	68360889AD
BCM	Body Controller	CAN-C	68424601AF	68424601AF
RADIO	Radio	CAN-I	68461768AD	68461768AD

OCM	Occupant Classification	CAN-C	68403127AA		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB		04672786AB
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AE		05193166AE
HCP	Hybrid Control Processor	CAN-C	05190265AF		05190265AF
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
DSM	Display Screen Module	CAN-I	68316175AC		68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA		6WL30DX9AA
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	USA	0F 0C 00	12 25 00	4400	
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	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
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	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
AMP	USA	18 2E 01	13 15 00	4030	
IPC	USA / USA	12 06 00	14 0B 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	14 1B 90	4415	
RADIO	USA	13 31 14	13 31 14	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	Not programmed / COUNTRY_SNA	0E 03 00	14 19 00	4005	87EC2289
HCP	USA	11 1D 07	19 48 01	4005	6AE19B37 847169A3 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1D 07	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	

CONFIGURATION

PCM CONFIGURATION

NAME	VALUE	UNITS
Secondary Mass Airflow Sensor Equipped	—	
Active Exhaust Pressure Sensor Equipped	—	
Electronic Parking Brake Equipped	—	
Active Exhaust Valve(s) Equipped	—	
High Side Port Tumble Valve Equipped	—	
Aux Coolant Pump Heater Equipped	—	
Heater Temp Control Valve Equipped	—	
Mechanical Coolant Pump Equipped	—	
Wastegate HBridge Equipped	—	
Remote Start Present	—	
2.0 Liter I4 Direct Injection Engine	—	
Coolant On-Off Pump Equipped	—	
1.0 Liter I3 Engine	—	
Primary Lin Alternator Equipped	—	
Variable Valve Lift Equipped	—	
Dual Fuel Tank Equipped	—	
Auxillary Coolant Pump Equipped	—	
Cooled EGR Equipped	—	
Dual Alternator Gen1 Capable	—	
A/C Relay Powered from Engine Switched Battery	—	

Supercharger Equipped	—	
Low Temp Radiator Coolant Pump Equipped	—	
PTO System Equipped	—	
CNG Large Gas Tank Equipped	—	
HPT 6-Speed Trans Equipped	—	
Hybrid MEC Shifter Equipped	—	
Engine Idle Shutoff Equipped	—	
ZF 9-Speed Trans Equipped	—	
MDS Equipped	—	
Variable Speed Fuel Pump Equipped	—	
ERS Equipped Indicator	—	
O2 Sensor Bank 1 Sensor 1 Equipped	—	
GPEC2 Equipped	—	
ESIM Equipped	—	
Intake Cam 2 Equipped	—	
Engine Stop Start Equipped	—	
Trans Skip Shift Equipped	—	
VFS Actuators Available Indicator	—	
Transmission Oil Heater Equipped	—	
Secondary Air Equipped	—	
3.5 Liter V6 Engine	—	
O2 Sensor Bank 2 Sensor 2 Equipped	—	
PWM Fan Motor System Equipped	—	
1 Speed Fan Mechanical Relay System Equipped	—	
Vehicle Speed Sensor #1 Calculated from CAN	—	
4.0 Liter I6 Engine	—	
6.1 Liter V8 Engine	—	
Active Engine Mount Equipped	—	
Primary Lin Alternator Equipped	—	
Auxiliary Heater Electric Water Pump Equipped	—	
Sensorless FFV Enabled	—	
Throttle Inlet Temp Sensor Equipped	—	
Electronic Automatic Transmission (EATX) Equipped	—	
WI4 Intake Flow Control Valve Equipped	—	
Wide Range O2 Sensor 1/1 Equipped	—	
2.7 Liter V6 Engine	—	
GPEC2A Equipped	—	
Auxiliary Coolant Pump Heater Equipped	—	
Active Grille Shutter Equipped	—	
Cooled EGR Equipped	—	
GPEC4 Equipped	—	
Unleaded diesel fuel	—	
PTO System Equipped	—	
Supercharger Equipped	—	

WI4 Variable Valve Timing Equipped	—	
Oil Pressure Sensor Enabled	—	
Low Temperature Radiator Coolant Pump Equipped	—	
High Side Port Tumble Valve Equipped	—	
Fiat VIN Learning Strategy Equipped	—	
ICC Cruise Equipped	—	
Starter Relay 2 Equipped	—	
ZF 9-Speed Transmission Equipped	—	
Next Gen Bus Equipped	—	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	—	
3.0 Liter V6 Engine	—	
3.6 Liter V6 Engine	—	
Mechanical Coolant Pump Heater Equipped	—	
Active Exhaust Pressure Sensor Equipped	—	
VMM Equipped	—	
Dual Fuel Pressure Sensor Equipped	—	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	—	
Exhaust Cam 1 Equipped	—	
Trans Reverse Lockout Equipped	—	
Fan Wake Up Relay System Equipped	—	
66RFE / 68RFE	—	
Wastegate H-Bridge Equipped	—	
Brake Pedal Sensor Equipped	—	
Viscosity Sensor Equipped	—	
Coolant On-Off Pump Equipped	—	
AC Equipped	—	
6.4 Liter V8 Engine	—	
Secondary Fuel Pump Equipped	—	
3.7 Liter V6 Engine	—	
Linear PWM Fan Relay System Equipped	—	
CMCV H-Bridge Equipped	—	
Operator Idle Speed Request Equipped	—	
Tumble Generator Valve Equipped	—	
Electric Thermostat Heater Equipped	—	
CUSW PROXI Write Programming Support Enabled	—	
Electronic Throttle Control Equipped	—	
VLP Is Learnable Indicator	—	
AC Equipped Over Bus	—	
2.0 Liter WI4 engine	—	
1.0 Liter I3 Engine	—	
Electric Coolant Valve Equipped	—	
Engine Software In Package	—	
Adaptive Cruise Control Hardware Equipped	—	
Duty Cycle Purge Valve Equipped	—	

GPEC3 Equipped	—	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	—	
40TE / 41TE / 41TEA	—	
45RFE / 545RFE / 65RFE	—	
Coolant On-Off Valve Equipped	—	
Turbocharger Equipped	—	
EMAT (Getrag DCT transmission) Equipped	—	
Adaptive Cruise Control Equipped	—	
Dual Stage Oil Pump Equipped	—	
2.4 Liter WI4 engine	—	
Power Steering Switch Equipped	—	
O2 Sensor Bank 2 Sensor 1 Equipped	—	
Police Package Equipped	—	
3 Speed Fan Mechanical Relay System Equipped	—	
Engine Idle Shutoff Equipped	—	
Fixed displacement AC Equipped	—	
Clutch Interlock Switch Equipped	—	
Intake Cam 1 Equipped	—	
3.8 Liter V6 Engine	—	
Electronic Coolant Pump Equipped	—	
TIP Equipped	—	
Aisin 6-Speed RWD Transmission Equipped	—	
4 Speed Automatic Transmission Equipped	—	
Variable Displacement AC Equipped	—	
Active Exhaust Valve Equipped	—	
Exhaust Cam 2 Equipped	—	
Turbine Volute Valve Actuator Equipped	—	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	—	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	—	
Constant Heater Temperature Control Valve Equipped	—	
Continuous Variable Transmission Equipped	—	
3.3 Liter V6 Engine	—	
Brushless PWM Fan Equipped	—	
Electric Water Pump Equipped	—	
1.8 Liter WI4 engine	—	
4.7 Liter V8 Engine	—	
Compressed Natural Gas Equipped	—	
3.2 Liter V6 Engine	—	
Vehicle Speed Sensor #1 Calculated by ECU	—	
SRV Equipped	—	
62TE	—	
Battery Temp Sensor Equipped	—	
HPT 6-Speed Transmission Equipped	—	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	—	

CUSW (29-Bit) Equipped	—	
Inrush Current Reduction Relay Equipped	—	
Dual Speed Fuel Pump Equipped	—	
CUSW (11-Bit) Equipped	—	
Shift Indicator Lamp Equipped	—	
VLP Equipped Indicator	—	
2 Speed Fan PWM Relay System Equipped	—	
4 Button Integrated Cruise Control	—	
Direct Injection Equipped	—	
Electronic Vacuum Pump Equipped	—	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	—	
Hybrid Electric Vehicle Equipped	—	
6.2 Liter V8 Engine	—	
5.7 Liter V8 Engine	—	
Wide Range O2 Sensor 2/1 Equipped	—	
Cummins Equipped	—	
Fiat 940 Compact Equipped	—	
A/C Equipped	—	
Knock Sensor 1 Equipped	—	
Yaw Rate Sensor ESC Equipped	—	
Unleaded Gasoline Fuel	—	
Port Flap Valve Equipped	—	
Barometric Sensor Equipped	—	
Auxiliary Coolant Pump Equipped	—	
O2 Sensor Bank 1 Sensor 2 Equipped	—	
42RLE	—	
MTV Solenoid Equipped	—	
Rear Heater Equipped	—	
Transmission Software Included	—	
O2 Sensor Bank 1 Sensor 3 Equipped	—	
ETC Cruise equipped	—	
Dual Fuel Tank Equipped	—	
2 Speed Fan 3 Driver 3 Relay System Equipped	—	
MultiAir Equipped	—	
Linear EGR Equipped	—	
Powernet Equipped	—	
Linear Purge Equipped	—	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	—	
2 Speed Fan Mechanical Relay System Equipped	—	
Knock Sensor 2 Equipped	—	
Engine Oil Heater Cooler Equipped	—	
Bi-Directional Crank Sensor Equipped	—	
Dual Fuel Pressure Sensor Equipped	—	
CUSW 4-Button Cruise Equipped	—	

Make Up Air Sensor Equipped	—	
Cylinder Pressure Sensor Equipped	—	
Throttle Inlet Temp Sensor Equipped	—	
5 Button Cruise (LIN) Equipped	—	
Brake Pedal Sensor Equipped	—	
Power Steering Angle Sensor Mandatory	—	
INTAKE O2 SENSOR EQUIPPED	—	
LIN Humidity, Temp, and Pressure Sensor Equipped	—	
Operator Idle Speed Request Equipped	—	
SWAP HARDWIRED BRAKE SWITCH INPUTS	—	
Clutch Sensor Equipped	—	
Mass Airflow System Equipped	—	
Engine Oil Pressure Sensor Type	—	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	No	
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	—	
Driver Seat Track Position Sensor	—	
Second Row Left Seat Side Airbag	—	
Rollover Sensing	—	
Passenger Seatbelt Retractor Pretensioner	—	
Passenger Seatbelt Anchor Pretensioner	—	
Driver Seatbelt Anchor Pretensioner	—	
Left Side Seat Squib 1	—	
Driver Frontal Squib 3	—	
Passenger Seatbelt Load Limiter	—	
Passenger Occupant Detection Sensor	—	
Passenger Seatbelt Buckle Pretensioner	—	
Second Row Left seat belt Switch	—	
Left B-Pillar Impact Acceleration Sensor	—	
Right Up-Front Acceleration Sensor	—	
Configuration Column Identifier	—	
Passenger Airbag Disable Indicator	—	
Passenger Frontal Squib 1	—	
Driver Frontal Squib 1	—	
Passenger Frontal Squib 3	—	
Right Side Seat Squib 1	—	
Second Row Right seat belt Switch	—	
Left Up-Front Acceleration Sensor	—	
Right Curtain Squib 1	—	
Left C-Pillar Impact Acceleration Sensor	—	
Passenger Seat Track Position Sensor	—	
Driver Knee Bolster Squib	—	
Occupant Classification (OCM)	—	
Passenger Frontal Squib 2	—	
Driver Frontal Squib 4	—	
Second Row Center seat belt Switch	—	
Left Curtain Squib 1	—	
Right Side Door Pressure Sensor	—	
First Row Passenger Seatbelt Buckle Switch	—	
Right B-Pillar Impact Acceleration Sensor	—	
Left D-Pillar Impact Acceleration Sensor	—	

Right D-Pillar Impact Acceleration Sensor	—	
Right C-Pillar Impact Acceleration Sensor	—	
Driver Seatbelt Load Limiter	—	
Driver Seatbelt Retractor Pretensioner	—	
Second Row Right Seat Side Airbag	—	
Passenger Frontal Squib 4	—	
Passenger Airbag Disable Switch	—	
Passenger Knee Bolster Squib	—	
Driver Frontal Squib 2	—	
Left Side Door Pressure Sensor	—	
EPPM	—	
Driver Seatbelt Buckle Pretensioner	—	

EPS CONFIGURATION

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

HVAC CONFIGURATION

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

PDM CONFIGURATION

NAME	VALUE	UNITS
Frameless Window	False	

PSDML CONFIGURATION

NAME	VALUE	UNITS
VSIM Status	False	

PSDMR CONFIGURATION

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

CSWM CONFIGURATION

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

AMP CONFIGURATION

NAME	VALUE	UNITS
Current ANC Calibration ID - Service	RU PHEV 3.6L: Steel Roof & Alpine AMP	
ANC Status	Off - Window Mute	
Left/Right Hand Drive	Left Hand Drive	
Current EQ Checksum	AE CC 9B 99	
Premium - 3	False	
Premuim - 1 (8 channel)	False	
Premuim - 2 (12 Channel)	True	
Non -ANC	False	
Teen Key Present	False	
Sub-EQ Set Selected	Sub-EQ#6 Selected	
Cabin Equalization Curve Number	52	
Surround Sound Activated	Not Set	
ANC Calibration Date - Year	16	
ANC Calibration Date - Week	24	
ANC Calibration Date - Patch Level	0	
Door Module - Right Rear	Present	
Door Module - Left Front	Present	
Door Module - Left Rear	Present	
Door Module - Right Front	Present	

IPC CONFIGURATION

NAME	VALUE	UNITS
PHEV	True	
Rear Fog Lamp	False	

PTS CONFIGURATION

NAME	VALUE	UNITS
Front License Plate Configuration	—	

Front System with 6 Rear Sensors	—	
Rear System with 6 Front Sensors	—	

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	
Vehicle Configuration Programmed Status	True	
Last Programmed Status	Manufacturing	
ECU Configuration 10	6	
Vehicle Config CSM1	6	
ECU Configuration 11	6	
ECU Configuration 6 (Brake)	6	
ECU Configuration 5 (Wireless)	6	
Programmed ECUs: P/T Chassis Network	6	
ECU Configuration 15 (Suspension)	6	
Programmed ECUs: Hybrid LAN Network	0	
ECU Configuration 8 (LIN and Miscellaneous)	6	
ECU Configuration 9A	6	
Vehicle Configuration 2 - Write Counter	6	
Vehicle Configuration 7 - Write Counter	6	
ECU Configuration 6 (Safety)	6	
ECU Configuration 2 (CBC Features)	6	
Vehicle Configuration 5 - Write Counter	6	
Programmed ECUs: Cabin Network	6	
Vehicle Configuration Auto Write Counter	1	
ECU Configuration 3	6	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	6	
ECU Configuration 12	6	
ECU Configuration 9 (ITM)	6	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	6	
ECU Configuration 14	6	
Vehicle Configuration 6 - Write Counter	6	
ECU Configuration 13	6	
ECU Configuration 5 (Memory)	6	
Vehicle Config CSM2	6	
ECU Configuration 15 (CBC Features)	6	
Programmed Network Configuration - Audio / Telematics Network	0	

Vehicle Configuration 4 - Write Counter	6	
ECU Configuration 6 (Powertrain)	6	
ECU Configuration 6 (Suspension)	6	
ECU Configuration 5 (Doors)	6	
ECU Configuration 4	6	
Vehicle Configuration 3 - Write Counter	6	
Last Configuration Odometer	0	km
Vehicle Configuration 1 - Write Counter	6	
Emode Present	Not Set	
PTS Configuration	Rear / REAR	
Model Year	2020	
Vehicle Line	RU	
Hill Descent Feature Present	Not Set	
Body Style	Station Wagon	
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Auto Highbeam	Not Set	
Drive Configuration	2WD Front	
Country Code	USA	
Special Packages	74	
Remote Start Present	Set	
Select Speed Control Feature Present	Not Set	
Left/Right Hand Drive	Left Hand Drive	
Performance Pages Present	Not Present	
Maximum Vehicle Speed	0	km/hr
Max Load Inflation Pressure Rear Tire	248.2	kPa
Special Packages IC	Pacifica	
Power Inverter Type	No Power Inverter	
Cruise Feature is Present	Set	
Max Load Inflation Pressure Front Tire	248.2	kPa
Off Road Capable	Not Set	
Air Conditioning Present	Not Set	
Rain Sensor Present	Not Set	
Flipper Glass Present	Not Set	
SKIM System Present	Not Set	
Full Size Spare	Not Set	
Thatcham Present	Not Set	
Display Outside Temperature Present	Set	
Keyless Go Present	Set	
Vehicle is an SRT	Not Set	
Two Fuel Sending Units Present	Not Set	
Display Compass Heading Present	Set	
Wheel Base	Wheel base not programmed / WB_NP	
Auto Headlamp Feature Present	Set	

Premium TPM system present	Set	
Police Lighting Feature	Not Set	
Window Express Feature Configuration	Front windows express only	
Vehicle Brand	Chrysler	
Auto Park Present	Set	
T-Case Type	Not Present / Not Present	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Forward Collision Warning present	Not Set	
Paddle Shift Feature Present	Not Set	
Power Right Sliding Door Present	Set	
Disable Display of Radio Clock	Not Set	
FOBIK Safe Enable	Set	
Chassis Type	Type 9	
Fuel Capacity	64	Liters
ELV Present	Not Set	
Door Alert Feature Present	Not Set	
Passive Entry Present	Set	
RKE System Present	Set	
Secondary Lock Present	Not Set	
HVAC Configuration	Dual Zone ATC + Rear	
Sport Mode Present	Not Set	
ESCL system present	Not Set	
High Intensity Discharge Head Lamps	Not Set	
Collision Mitigation System present	Not Set	
Power Left Sliding Door Present	Set	
Liftgate/Trunk Type	Power Liftgate	
Base TPM system present	Not Set	
Transfer Case High Ratio	1.000	No Unit
Transfer Case Low Range Reduction Ratio	0.000	
Dynamic Tire Circumference (All or Rear)	2270	mm
Axle Ratio	3.251	
Analog Door Sensor Configuration	Driver Door Only Analog Sensor	
Air Quality System Present	Not Set	
Steering Ratio at Negative Angle 1	0.0	No Unit
Connector E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Not Set	
Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connector E Pin 5: PHEV Fuel Door Switch Input	Set	
Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output	Not Set	
Connector F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector D Pin 15: Left Dedicated DRL Lamps Output Present	Set	
Connector A Pin 11: Hood Ajar Switch Input Present	Set	
Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output Present	Set	

Connector A Pin 3/Connector D Pin 2: Low Beam Output Present	Set	
Connector E Pin 8: PHEV HCP Hardwire Wakeup	Set	
Connector E Pin 7: Left HID Relay Control Output Present	Not Set	
Connector D Pin 10: Trailer Tow Tail Lamp Output Present	Not Set	
Connector G Pin 15: UGDO Feed Output Present	Set	
Connector F Pin 29: Horn Switch Present	Set	
Connector A Pin 1 and Connector D Pin 13: Front Fog Lamps Output Present	Set	
Connector E Pin 3/Connector F Pin 42: Rear Turn Lamps Output Present	Not Set	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Set	
Connector G Pin 22: VTA Warning LED Output Present	Set	
Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	
Connector E Pin 11: Vacuum Switch Input	Not Set	
Connector A Pin 10/Connector D Pin 5: Side Markers Output Present	Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector A Pin 22: Right Dedicated DRL Lamp Output Present	Set	
Connector F Pin 8 : Liftgate Release Outside Handle Switch Present	Not Set	
Connector E Pin 34: Vacuum Cleaner Relay Output Present	Not Set	
Connector D Pin 12: PHEV ECM Hardwire Wake Up Output Present	Set	
Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present	Set	
Connector D Pin 9: Trailer Tow Backup Output Present	Not Set	
Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present	Not Set	
Connector F Pin 4: Liftgate Release Present	Not Set	
Connectro E Pin 37: Right HID Control Output Present	Not Set	
Connector F Pin 35: Inverter Enable Relay Output Present	Not Set	
LED Rear Turn Lamps Present	Not Set	
Front Wiper Wipes After Wash	2 Wipes	
Fuel Door Release Enabled	Not Present	
Quad Headlamps Enable	Set	
Reversible Washer Pump Enable	Set	
DRL Dropout Enable	Set	
Park Lamp Loadshed Enable	Set	
LED Stop Lamps Present	Not Set	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
Hazard Lamp Configuration	Latching Switch	
LED Tail Lamps Present	Set	
Bi Xenon Headlamps Enable	Not Set	
Front Fog Lamp Dropout Enable	Set	
LED Low Beam Lamps Present	Not Set	
Headlamp Wash Interval	wash cycle#11	
LED Dedicated DRL Present	Set	

Wiper Service Position Enabled	Not Set	
Illuminated approach Enabled	Not Set	
Front Wiper Park Enable	Set	
LED License Lamps Present	Set	
Horn Chirp Allowed	Set	
Fuel Door Present	Not Set	
Combined Front Park/Turn Feature Enable	Not Set	
DRL Configuration	No DRL	
DRL Lamp Location	Dedicated	
Rear Wiper Park Enable	Set	
Combined Rear Lighting Enable	Set	
LED Reverse Lamps Present	Not Set	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
Headlamp Wash Shot	double	
LED Rear Fog Lamps Present	Not Set	
Trailer Tow Present	Not Set	
Tip Start Enabled	Set	
LED Front Turn Lamps Present	Not Set	
Side Repeaters Enable	Not Set	
LED Front Park/Marker Lamps Present	Set	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	
One Touch Lane Change	Set	
Tunnel Detection	Not Set	
Dual Start Relay System Present	Not Set	
Exterior Light Loadshed Enable	Set	
LED Front Fog Lamps Present	Not Set	
LED CHMSL Lamp Present	Set	
LED High Beam Lamps Present	Not Set	
Destination	United States of America	
Surround Sound Feature Present	Set	
Power Door Locks Present	Set	
Microphone Type	Peiker 300 mv	
Heated Steering Wheel Present	Set	
Power Inverter Present	Not Set	
Disable CD Eject	Not Set	
Cabin Equilization Curve Number	RU Premium System - Alpine 12ch	
Antenna Type	Active Primary and no secondary antenna	
Splashscreen Type	Vehicle Brand	
Microphone Configuration	2 Microphones	
External Port Type	AUX + USB	
Microphone Tuning Parameter	Absent [Not Used]	
Front Park Assist Present	Set	
Front Heated Seats Present	Set	
Rear Camera Present	Set	

Fleet Vehicle Content	Not Set	
AP5 Trunk Lock	Simple Switch	
AP2 Right Front	Smart Switch	
Vehicle Variant	Undefined	
Tip Start Present	Set	
AP4 Right Rear	CAN	
Airport Scenario Trunk	Not Set	
AP1 Left Front	Smart Switch	
AP3 Left Rear	CAN	
AP5 Trunk Unlock	CAN	
Heated Mirrors Present	Set	
Blindspot Mirror Present	Set	
Frameless Window Present	Not Set	
Sun Shade	Not Set	
Global Up	Not Set	
Folding mirrors present	Not Set	
Electro-chromatic passenger mirror present	Not Set	
Window Motor Type	Not Set	
Global Down	Not Set	
Passenger Window Lockout	Not Set	
Tow Mirror Present	Not Set	
Passenger Memory Mirror Present	Not Set	
Rear Door Pre Short Drop	Not Set	
Electro-chromatic driver mirror present	Not Set	
Driver Memory Mirrors Present	Not Set	
Window Hall Sensors Present	Not Set	
Mirror turn signals present	Not Set	
Puddle Lamp Present	Not Set	
Heated Steering Wheel Present	Present	
Tilt/Telescope Steering Present	Not Set	
Memory Adjustable Pedals Present	Not Set	
Driver Memory Seat Present	Not Set	
Heated Seat Material Type	Perforated Leather	
Stow 'n Assist Present - Driver	Not Set	
Stow 'n Assist Present - Passenger	Not Set	
Rear Heated Seats Present	Not Present	
Front Vented Seats Present	Not Present	
Heated Wheel Material Type	Full Leather	
Brake System ECU Configuration A	value 0	
ECO Mode Configuration	Remember Previous State with Ignition Key Cycle	
Dual Alternator Present	Not Set	
Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)	Left B-Pillar sliding Door Switch	
License Plate Lamp Disable	Not Set	

Connector G Pin 2: Fog Lamp Switch Input	Fog Lamp Switch	
Connector F Pin 34: Spare HSD	Not Present	
Connector F Pin 16: Passenger Door Lock Switch Input	Not Present	
Auto High Beam Module Location	None	
Engine Off Clear Time	180	Time
Connector F Pin 30: Fuel Door Lock (BUX)	Not Present	
Heatsoak Speed	15	Counter
Connector D Pin 8: Digital Spare Input #2	Not Present	
Ambient Stable Counter Limit	40	Counter
Max Engine Off Time	220	Time
Connector F Pin 29: Horn Switch Present	Horn Switch Input	
Connector F Pin 37: Vacuum Cleaner Power Saver Indicator	Not Present	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Rear Wiper (0)	
Humidity Sensor Long Present	Set	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)	Right B-Pillar Sliding Door Switch	
Connector G Pin11/Connector G Pin 12: Not Used	ERS	
Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28	Set	
Manual Door Locks Present	Not Set	
Heatsoak Flush Time	105	Time
Rain Sensor Module #2 Present	Not Set	
CHMSL Lamp Output Disable	Not Set	
Connecor F Pin 33: Fuel Door Unlock (BUX)	Not Present	
Connector E Pin 39: Right Rear Turn Signal	Right Rear Turn Signal	
Connector F Pin 15: Driver Door Lock Switch Input	Not Present	
Connector D Pin 4: Digital Spare Input #1	Not Present	
Heatsoak Set Time	15	Time
Steering Smoothing Factor	Filter Off	
Nose Dive Threshold	Filter Off	
Brake Smoothing Factor	Filter Off	
Average Last Longitudinal Acceleration Values	No Averaging	
Excess Lateral Acceleration Factor	Filter Off	
Brake Smoothing Duration	Filter Off	
Steering Smoothing Duration	Filter Off	
Maximum Lateral Change	Filter Off	
Acceleration Threshold	Filter Off	
Nose Dive Factor	Filter Off	
Excess Longitudinal Acceleration Factor	Filter Off	
Brake Smoothing Threshold	Filter Off	
Acceleration Factor	Filter Off	
Average Last Lateral Acceleration Values	No Averaging	
Steering Smoothing Threshold	Filter Off	
Maximum Longitudinal Change	Filter Off	
VTA Hood Ajar Monitoring	Not Set	

RKE Auto-Relock Feature Enable	Not Set	
PE Auto-Relock Feature Enable	Set	
Auto High Beam ON Threshold	25 km/hr	
Auto High Beam OFF Threshold	20 km/hr	
Interior Lighting Night Threshold	4.45147	Volt
Interior Lighting Day Threshold	4.27498	Volt
Headlamp Soak Delay	1.0 sec	
Horn Chirp Duration	Short	
Parking Light Enable	Not Set	
Smart Alternator Present	Not Set	
Temperature Display Resolution	HaLF	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Sunroof Present	Not Set	
ANC Calibration Parameter Data Set	Alpine Amplified 3.6L PHEV	
Radio Speaker Open Circuit Disable (RF)	Not Set	
Drive Mode Version	Version 1	
Auto Dimming Mirror Hard Button Present	Set	
Radio Speaker Open Circuit Disable (LF)	Not Set	
Radio Speaker Open Circuit Disable (LR)	Not Set	
Radio Speaker Open Circuit Disable (RR)	Not Set	
Automatic Crash Notification Feature Present	Undefined	
Show Phone Information in Cluster	01	
Surround View Camera On/Off Softkey Present	Not Set	
Park Assist Tuning Set	Sahara	
3rd Row Lock CSO	Not Set	
Siren	Not Set	
Ultrasonics	Not Set	
Tilt	Not Set	
ESC	Set	
HCP	Set	
AHCP	Set	
ESM	Set	
ORC	Set	
APM	Set	
ECM	Set	
BPCM	Set	
OBCM	Set	
EAC	Set	
EBCM	Set	
CVPM	Not Set	
VRM	Not Set	
MSMP	Not Set	
AMP	Set	
HVAC	Set	

PDM	Set	
VTM	Not Set	
DDM	Set	
EOMR	Set	
EDM	Not Set	
ITM	Not Set	
DMRR	Set	
MSM	Not Set	
HVACR	Set	
EAM	Not Set	
ICS	Set	
DSM	Set	
PSDML	Set	
ANC	Not Set	
BCM (Interior Bus)	Set	
DTV	Not Set	
FSM	Not Set	
DMRL	Set	
PLGM	Set	
HSM	Set	
PSDMR	Set	
Radio	Set	
Compass Mounting Angle	0	Degree
IBS Present	Set	
Auto Relock Time	60	seconds
Fobik Safe Alerts Per Ignition Cycle	2	
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
Humidity Sensor Present	Set	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
Alert no Reply	Set	
Alert On Search Timeout	Set	
Alert On System Fault	Set	
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
OHC Module Present	Set	
Washer Fluid Level Voltage Threshold	4.46 volts	
EVIC SWS Module Present	Set	
CRVMM Present	Set	
HFRM Present	Not Set	
VTA System Present	VTA	
Panic Enable	Set	
Compass Mounting Orientation	Rightside up	
Connector F Pin 41: Backup-Reverse lamp Left	Set	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	

Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Reserved	
Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel resistors	
Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	
Connector E Pin 1: Backup-Reverse lamp Right	Set	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Connector F Pin 5: Left Rear Fog Lamp	Output Disable	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	
Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Connector F Pin 42: Right Rear Turn Signal	Right Rear Turn Signal	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	
Stop/Start Enable Switch Present	Not Set	
Connector A Pin 2: Right High Beam Feed	Right High Beam (0)	
Connector D Pin 1: Left High Beam Feed	Left High Beam (0)	
Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	
Passive Ped Pro Present	False	
Tow Hooks Present	False	
1st Row Seat Side Airbags Present	True	
Passenger Kneebag Present	True	
BUX Market	False	
ODS Present	False	
Curtain Airbags Present	True	
Driver Kneebag Present	True	
Integrated EPP Present	False	
IPC	Set	
ESM	Set	
ORC	Set	
BCM (PT)	Set	
SCCM	Set	
ACC	Not Set	
PCM	Set	
PTS	Set	
EPS	Set	
RFH	Set	
AHLM	Not Set	
ESL	Not Set	
FFCM	Not Set	

ABSO	Set	
OCM	Set	
ABS	Not Set	
TCM	Not Set	
HCP	Set	
Accessory Delay Time	45	seconds
Sliding Door Chime Enable	Set	
Sliding Door Alert	Not Set	
Auto Unlock	Set	
Headlamps on with Wipers	Set	
Flash Lamps on Lock	Set	
Daytime Running Lamps	Set	
Auto Wipers	Not Set	
Sound Horn On Lock Status	Chirp on 1st press/FIRST	
Hands Free Sliding Door Enable	Set	
Sound Horn on Remote Start	Set	
Auto Lock	Set	
Unlock all doors on 1st press	Set	
Sound Horn on Lock	Set	
Illuminated Approach Time	30	seconds
Headlamp Delay Time	30	seconds
Auto Highbeam	Not Set	
IBS Quiescence Current Limit	-250	mA
IBS Minimal Charge Limit	10	AmpHrs
IBS Minimum Voltage Limit	5.0	Volts
Battery Type II	255	
Battery Types	SNA	
IBS Activate MWU	Not Set	
IBS Minimum Charge Limit	600	mA
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Left Front Corner Voltage	13.2 Volts	
Left Low Beam Voltage Regulation	13.6 Volts	
Right High Beam Voltage Regulation	13.8 Volts	
Left Rear Corner Voltage	14 Volts	
Left High Beam Voltage Regulation	13.6 Volts	
Right Rear Corner Voltage	14 Volts	
Right Low Beam Voltage Regulation	14 Volts	
Auto Headlamp On Threshold	3.31409	Volt
Auto Headlamp Off Threshold	2.54930	Volt
Right Front Corner Voltage	13.4 Volts	
Rear View Camera Static Grid Lines Enabled	Not Set	
Rear View Camera Dynamic Grid Lines Enabled	Set	

RADIO CONFIGURATION

NAME	VALUE	UNITS
Compass on the bus messaging Authorization	Allowed	
GPS on the Bus messaging Authorization	Allowed	
Satellite Subscription Suspend Day	—	
Satellite Subscription Reason Code	—	
Satellite Subscription Suspend Year	—	
Satellite Subscription Suspend Month	—	
Satellite Subscription Status	—	
Satellite Subscription ID	—	
Aux Jack	—	
USB Hubs Detected	—	No Unit
SD Card Readers Detected	—	No Unit
Enumerated USB Devices	—	No Unit
DTV Short Term Configuration	—	
911 Button	—	
SDARS	—	
Internal CD Player	—	
Application Framework	—	
Bluetooth	—	
Navigation Active	—	
FM Diversity	—	
Cellular	—	
Wi-Fi	—	
Splash Screen	—	
Anti-Theft Enable Status	—	
Automated Loudness	—	
Front Seat Video Playback	—	
Clock Defeat	—	
Cabin EQ Curve Number Currently Used by Radio	—	
12/24 Time Selection	—	

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	

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	2270	mm
VC Chassis Type	Type 9	
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 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [REDACTED]

Odometer 25640.2 km
Publication Date Oct 29, 2021, 10:38:48 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA	6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB	68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM	68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD	68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC	68447893AC
DDM	Driver Door Module	CAN-I	68424451AC	68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC	68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF	68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434910AC	68434910AC
AMP	Amplifier	CAN-I	68476878AA	68476878AA
IPC	Instrument Panel Cluster	CAN-C	68434956AD	68434956AD
PTS	Parktronics	CAN-C	68193772AJ	68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD	68360889AD
BCM	Body Controller	CAN-C	68424601AF	68424601AF
RADIO	Radio	CAN-I	68461768AD	68461768AD

Pa					
OCM	Occupant Classification	CAN-C	68403127AA		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB		04672786AB
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AE		05193166AE
HCP	Hybrid Control Processor	CAN-C	05190265AF		05190265AF
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
DSM	Display Screen Module	CAN-I	68316175AC		68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA		6WL30DX9AA
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	USA	0F 0C 00	12 25 00	4400	
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	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
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	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
AMP	USA	18 2E 01	13 15 00	4030	
IPC	USA / USA	12 06 00	14 0B 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	14 1B 90	4415	
RADIO	USA	13 31 14	13 31 14	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	Not programmed / COUNTRY_SNA	0E 03 00	14 19 00	4005	87EC2289
HCP	USA	11 1D 07	19 48 01	4005	6AE19B37 847169A3 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1D 07	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-	Active

ENVIRONMENTAL DATA SUMMARY

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

NAME	VALUE	UNITS
DTC	0A 43 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	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	25640.2	km
Most Recent Odometer Value	25640.2	km
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	34069152	sec

RAM stamps keyOn	30	sec
RAM Stamps	78419	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	23	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	km/h
Motor A Temp Sensor	23	DegC
Motor B Temp Sensor	23	DegC
Barometric Pressure	96	kPa
Engine Coolant Temperature	20	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	4.40	Degree
Motor B Resolver Angle Offset	1.60	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	Resolver Degradation of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Battery Feed Voltage 2 Sense	12.096	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.064	Volts
Actual Torque - Motor A	0.000	NM
Actual Torque - Motor B	0.000	NM
Available Motor Torque - Motor A	118.250	NM
Available Motor Torque - Motor B	315.000	NM
Available Regen Torque - Motor A	-118.250	NM
Available Regen Torque - Motor B	-315.000	NM
Commanded Torque - Motor A	0.000	NM
Commanded Torque - Motor B	0.000	NM
Electric Motor A Speed	3.0	rpm
Electric Motor B Speed	0.0	rpm
Battery Feed Voltage 1 Sense	12.096	Volts
Battery Feed Voltage 3 Sense	12.024	Volts
Hybrid System State	Inverters Enabled	
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	0	AMP

Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Outside Air Temperature	20.0	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	340.90	Volts
PIM DC Link Voltage - A	342	Volts
PIM DC Link Voltage - B	340	Volts
Inverter A IGBT Temperature for phase A	20	DegC
Inverter A IGBT Temperature for phase B	20	DegC
Inverter A IGBT Temperature for phase C	20	DegC
Inverter B IGBT Temperature for phase A	20	DegC
Inverter B IGBT Temperature for phase B	20	DegC
Inverter B IGBT Temperature for phase C	20	DegC
APM Status	Off	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	km
Motor A Torque	0.000	NM
Motor B Torque	0.000	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	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



WARRANTY BULLETIN

TO: Dealer Principal, Service Manager,
Service Advisor and Warranty Claims
Administrator

NO: D-19-06

DATE: February 13, 2019

SUBJECT: Diagnostic Time - Clarifying
FCA Policies and Encouraging Proper
Usage to Improve Fixed First Visit

FOR: All U.S. Dealers
All U.S. Business Centers

PURPOSE:

FCA advises Technicians to take the time to accurately diagnose a customer's concern to improve Fixed First Visit (FFV), eliminate potential repeat repairs, and reduce warranty waste. This bulletin addresses rumors related to the support and payment of Diagnostic Time.

TIMING:

Ongoing

ACTION:

Rumor #1 - *"I don't get paid Diagnostic Time to find the true cause of the problem."*

False. Diagnostic Time is available to all dealers to reimburse for time spent by trained technicians (including Technician road testing) **to perform diagnostics** on a specific problem, customer concern, or to locate hard-to-find problems. Repair / inspection / disassembly steps outlined in the Service Process, are not considered Diagnostic Time; these steps are included in the repair Labor Operation (LOP).

When it is necessary to use additional Diagnostic Time above and beyond minor on-the-spot diagnosis included in the time allowance, FCA reimburses with the use of Operation Diagnostics:

- **Minor on-the-spot diagnosis includes checking power and grounds, using wiTech to retrieve DTCs, complete a visual inspection, and / or complete actuator test using wiTech.**





Rumor #2 – “I don’t get paid Diagnostic Time if I don’t replace a part.”

False. Diagnostic Time can be used even if no repair is performed.

- Diagnostic Time without a repair is intended to ensure the Technician spends appropriate time to investigate the customer’s concern to ensure the cause of the issue cannot be identified and to prevent the vehicle from returning with the same issue.
 - Labor Operation **85-41-XX-YY** must be used for Trouble Not Found Repairs.
 - “XX” identifies the major system group of the Customer’s concern.
 - “YY” provides additional details related to the Customer’s concern.
- Diagnostic Time with a repair is intended to be used to ensure the root cause of the concern is identified and correctly addressed on the first visit.
 - Labor Operation **85-41-00-00** must be used when a repair is made.

Rumor #3 – “My Technician has to provide too many details to support a request.”

False. Content is more important than quantity!

Document what steps were used to identify the cause and move to correction, the test results from each step, and road test details if completed. The Repair Order (RO) details are used to support your request of Diagnostic Time and can help reassure the customer that a thorough check was conducted on their vehicle.

Examples of Proper Phrases (“Say This”)

- | | |
|---|---|
| • 8 ohms at pin #1, should be .2 ohms | • Cylinder #4 has 80 psi compression, should have 120 psi compression |
| • Removed seat to gain access to connector C2 | • Miles In 1,650 Miles out 1,655 |
| • Rotor is consequential damage caused by stuck brake caliper | • Record DTC details (Stored and Active) |
| | • 2 volts at pin #23, should be 4.5 volts |

Examples of Improper Phrases (Avoid These Words)

- | | | |
|----------------|----------------|-----------|
| • Defective | • Common issue | • Junk |
| • Bad | • Within Spec | • Checked |
| • Known Issues | • OK / Fine | |





Remember, DTC Decision Tree diagnostic steps require a specific test result to move from one step to the next; it is the actual test result that must be recorded.

Rumor #4 – *“I can use Diagnostic Time for anything the Technician requests it for.”*

False. Diagnostic Time IS NOT intended to compensate for:

- Service Management and/or porter road test
- Poorly trained Technicians
- Communicating with STAR Center
- Poor dispatching
- Misdiagnosis
- Lack of diagnostic equipment/ special tools
- Poor control of time
- Lack of work
- Time waiting for part

Rumor #5 – *“Untrained Technicians are not able to request Diagnostic Time.”*

False. Diagnostic Time can be paid to an untrained Technician, for the portion of their time spent diagnosing the vehicle. Diagnostic Time is not used to make up lost time that is a result of lack of vehicle or system understanding. The dealership is responsible for finding a balance, between what amount of the time spent was learning and what amount was just to complete diagnostic steps.

Rumor #6 – *“Actual Time and Diagnostic Time are the same, it doesn’t matter which LOP my dealership uses on the claim.”*

False. Accurate LOP reporting is essential. Diagnostic Time is not to be reported as an Actual Time repair LOP. The phrase “Actual Time” can be used to describe a LOP allowance or a repair procedure. To help clarify the difference of Actual Time (AT) allowances and Actual Time repairs, the following definitions are to be used:

As a time allowance:

- The LOP department attempts to provide time allowances for all repairs. However, there are instances when a time allowance is not available and the repair LOP is set to A/T (Actual Time):
 - ***Diagnostic Time***, wiring repairs, or many sheet metal repairs are example of repairs with “A/T” as a time allowance.





As a repair process:

- To be used on occasions when the Technician is following the repair process and an additional step is needed.
- Can be used to repair a part rather than replace it:
 - If there is no LOP that directly corresponds to the repair performed, use the first six digits of the LOP that most closely describes the labor operation followed by "00" (XX-XX-XX-00).

Support Tools & Monitoring:

- SmartWarranty Dashboard: Dealership Diagnostic Allowance usage trend
(DealerCONNECT > Service Tab > Warranty Administration > SmartWarranty Dashboard)
- No Trouble Found Worksheet (updated January 2019)
(DealerCONNECT > Service Tab > Repair Information > Warranty Diagnostic Check Sheets > Other > No Problem Found Check Sheet)
- Customer Care Metrics: Dealer should be at or below BC average for Repeat Repairs, Diagnostic Time, Actual Time, Goodwill, and Special Services (Page 2 of your POPPS Report).
- DWIN: Repeat Repair Reports

Please ensure all affected dealership personnel are aware of this bulletin.

WARRANTY OPERATIONS

FCA US LLC reserves the right to change any or all of the rules set forth in the Dealer Policy Manual and the Warranty Administration Manual by means of Warranty Bulletins and also by making the amended manual available to you on DealerCONNECT.



Frequently Asked Questions



Is time punching required for Diagnostic Time?

Yes. All Actual Time repairs are required to be supported with time punches. Diagnostic Time is an Actual Time LOP and does require time punches.

Can Diagnostic Time be used to quality check a completed repair?

No. Diagnostic Time is for determining the cause of a concern. The dealership is responsible for the quality of the Technician's work.

What type of LOP is Diagnostic Time? Primary, Related, Optional?

Diagnostic Time with a repair is an Actual Time optional LOP. Diagnostic Time without a repair is an Actual Time primary LOP.

How is Diagnostic Time claimed when a part is ordered and the vehicle is returned to the customer?

Dealers have two options to select from:

1. Process the repair as one claim:

- Close the first repair as a no charge RO, applying the time to work-in-process (or similar process for your dealership).
- When the vehicle returns for the part to be installed, reference the RO that supports the part order and merge the time from the first RO and the repair from the second visit onto the current RO.
- Process the repair and the Diagnostic Time as one repair, using the date and mileage from the installation RO on the claim.

2. Process the repair as two claims:

- Process a claim using the Diagnostic No Trouble Found LOP that accurately reports the customer's concern.
- Process the repair claim for the installation only, referencing the original RO for additional 3C's support.
- Please note, no Diagnostic Time is supported for the installation RO, since Diagnostic Time was claimed on the first visit.

Please note each claim must meet all documentation and time punch requirements.





How can I confirm my Technician followed the correct diagnostic steps and the request is supported?

The VIN and DTC can be entered into Service Library to review a list of Possible Causes, diagnostic test and expected test results.

What is the difference between a poorly trained Technician and an untrained Technician?

Poorly trained Technicians have an understanding of the vehicle system, but do not apply the knowledge to determine the cause of a customer's concern consistently. A poorly trained Technician may have once been a very skilled Technician that has not stayed current with technology, has developed poor habits, or is no longer focused on the career.

Untrained Technicians are in the process of learning a variety of vehicle systems, how the systems work, and how the different systems work together. An untrained Technician is working to develop, strengthen, and expand his or her skills and confidence. Progress can be seen as the Technician's ability to address customer concerns develops.

