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CONFIGURATION REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1N75LR242528

Odometer 6009.0 miles
Publication Date Apr 16, 2021, 7:21:41 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURREN	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68444228AE	2C4RC1N	2C4RC1N	68444228AE
ICS	Integrated Center Stack	CAN-I	6UX621X8AA	2C4RC1N	2C4RC1N	6UX621X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB	2C4RC1N	2C4RC1N	68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1N	2C4RC1N	68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD	2C4RC1N	2C4RC1N	68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1N	2C4RC1N	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC	2C4RC1N	2C4RC1N	68447893AC
DDM	Driver Door Module	CAN-I	68424449AC	2C4RC1N	2C4RC1N	68424449AC
PDM	Passenger Door Module	CAN-I	68424448AC	2C4RC1N	2C4RC1N	68424448AC
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N	2C4RC1N	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N	2C4RC1N	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1N	2C4RC1N	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1N	2C4RC1N	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N	2C4RC1N	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N	2C4RC1N	68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434912AC	2C4RC1N	2C4RC1N	68434912AC
AMP	Amplifier	CAN-I	68448067AA	2C4RC1N	2C4RC1N	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434956AC	2C4RC1N	2C4RC1N	68434956AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N	2C4RC1N	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1N	2C4RC1N	68360889AD
BCM	Body Controller	CAN-C	68424601AE	2C4RC1N	2C4RC1N	68424601AE

ACC	Adaptive Cruise Control	CAN-C	68417813AF	2C4RC1N7	2C4RC1N7	68417813AF
RADIO	Radio	CAN-I	68461768AD	2C4RC1N7	2C4RC1N7	68461768AD
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N7	2C4RC1N7	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N7	2C4RC1N7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N7	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1N7	2C4RC1N7	68493395AA
EDM	External Disc Module	CAN-I	68378304AB	2C4RC1N7	2C4RC1N7	68378304AB
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N7	2C4RC1N7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1N7	2C4RC1N7	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190265AF	2C4RC1N7	2C4RC1N7	05190265AF
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1N7	2C4RC1N7	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N7	2C4RC1N7	68321862AC
DSM	Display Screen Module	CAN-I	68316174AC	2C4RC1N7	2C4RC1N7	68316174AC
VRM	Video Routing Module	CAN-I	68376134AG	2C4RC1N7	2C4RC1N7	68376134AG
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1N7	2C4RC1N7	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N7	2C4RC1N7	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N7	2C4RC1N7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190266AF	2C4RC1N7	2C4RC1N7	05190266AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1N7	2C4RC1N7	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1N7	2C4RC1N7	68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB	2C4RC1N7	2C4RC1N7	68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	31D751B0
ICS	USA	0F 0C 00	12 25 00	4700	
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	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
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	
ACC	USA / USA	14 12 01	14 1D 01	4400	
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	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
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	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	13 29 00	12 23 00	4000	
VRM	USA / USA	0F 1C 00	13 26 11	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 32 01	12 33 00	4003	
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	

CONFIGURATION

PCM CONFIGURATION

NAME	VALUE	UNITS
Secondary Mass Airflow Sensor Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	

Electronic Parking Brake Equipped	True	
Active Exhaust Valve(s) Equipped	False	
High Side Port Tumble Valve Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Heater Temp Control Valve Equipped	False	
Mechanical Coolant Pump Equipped	False	
Wastegate HBridge Equipped	False	
Remote Start Present	Present	
2.0 Liter I4 Direct Injection Engine	False	
Coolant On-Off Pump Equipped	Not Equipped	
1.0 Liter I3 Engine	False	
Primary Lin Alternator Equipped	Not Equipped	
Variable Valve Lift Equipped	Not Equipped	
Dual Fuel Tank Equipped	False	
Auxillary Coolant Pump Equipped	False	
Cooled EGR Equipped	False	
Dual Alternator Gen1 Capable	False	
A/C Relay Powered from Engine Switched Battery	False	
Supercharger Equipped	False	
Low Temp Radiator Coolant Pump Equipped	False	
PTO System Equipped	False	
CNG Large Gas Tank Equipped	False	
HPT 6-Speed Trans Equipped	False	
Hybrid MEC Shifter Equipped	False	
Engine Idle Shutoff Equipped	False	
ZF 9-Speed Trans Equipped	False	
MDS Equipped	False	
Variable Speed Fuel Pump Equipped	True	
ERS Equipped Indicator	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
GPEC2 Equipped	False	
ESIM Equipped	False	
Intake Cam 2 Equipped	True	
Engine Stop Start Equipped	False	
Trans Skip Shift Equipped	False	
VFS Actuators Available Indicator	False	
Transmission Oil Heater Equipped	False	
Secondary Air Equipped	False	
3.5 Liter V6 Engine	False	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
PWM Fan Motor System Equipped	True	
1 Speed Fan Mechanical Relay System Equipped	False	
Vehicle Speed Sensor #1 Calculated from CAN	False	
4.0 Liter I6 Engine	False	

6.1 Liter V8 Engine	False	
Active Engine Mount Equipped	False	
Primary Lin Alternator Equipped	False	
Auxiliary Heater Electric Water Pump Equipped	False	
Sensorless FFV Enabled	False	
Throttle Inlet Temp Sensor Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
WI4 Intake Flow Control Valve Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	False	
2.7 Liter V6 Engine	False	
GPEC2A Equipped	True	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Active Grille Shutter Equipped	False	
Cooled EGR Equipped	False	
GPEC4 Equipped	False	
Unleaded diesel fuel	False	
PTO System Equipped	False	
Supercharger Equipped	False	
WI4 Variable Valve Timing Equipped	True	
Oil Pressure Sensor Enabled	True	
Low Temperature Radiator Coolant Pump Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
Fiat VIN Learning Strategy Equipped	False	
ICC Cruise Equipped	False	
Starter Relay 2 Equipped	False	
ZF 9-Speed Transmission Equipped	False	
Next Gen Bus Equipped	False	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
3.0 Liter V6 Engine	False	
3.6 Liter V6 Engine	True	
Mechanical Coolant Pump Heater Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
VMM Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Exhaust Cam 1 Equipped	True	
Trans Reverse Lockout Equipped	False	
Fan Wake Up Relay System Equipped	False	
66RFE / 68RFE	False	
Wastegate H-Bridge Equipped	Undefined	
Brake Pedal Sensor Equipped	False	
Viscosity Sensor Equipped	False	
Coolant On-Off Pump Equipped	False	
AC Equipped	False	

6.4 Liter V8 Engine	False	
Secondary Fuel Pump Equipped	False	
3.7 Liter V6 Engine	False	
Linear PWM Fan Relay System Equipped	False	
CMCV H-Bridge Equipped	Undefined	
Operator Idle Speed Request Equipped	False	
Tumble Generator Valve Equipped	False	
Electric Thermostat Heater Equipped	False	
CUSW PROXI Write Programming Support Enabled	False	
Electronic Throttle Control Equipped	True	
VLP Is Learnable Indicator	False	
AC Equipped Over Bus	False	
2.0 Liter W14 engine	False	
1.0 Liter I3 Engine	False	
Electric Coolant Valve Equipped	False	
Engine Software In Package	True	
Adaptive Cruise Control Hardware Equipped	False	
Duty Cycle Purge Valve Equipped	True	
GPEC3 Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
40TE / 41TE / 41TEA	False	
45RFE / 545RFE / 65RFE	False	
Coolant On-Off Valve Equipped	False	
Turbocharger Equipped	False	
EMAT (Getrag DCT transmission) Equipped	False	
Adaptive Cruise Control Equipped	True	
Dual Stage Oil Pump Equipped	True	
2.4 Liter W14 engine	False	
Power Steering Switch Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
Police Package Equipped	False	
3 Speed Fan Mechanical Relay System Equipped	False	
Engine Idle Shutoff Equipped	False	
Fixed displacement AC Equipped	True	
Clutch Interlock Switch Equipped	False	
Intake Cam 1 Equipped	True	
3.8 Liter V6 Engine	False	
Electronic Coolant Pump Equipped	False	
TIP Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
4 Speed Automatic Transmission Equipped	False	
Variable Displacement AC Equipped	False	
Active Exhaust Valve Equipped	False	
Exhaust Cam 2 Equipped	True	

Turbine Volute Valve Actuator Equipped	Undefined	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Constant Heater Temperature Control Valve Equipped	False	
Continuous Variable Transmission Equipped	False	
3.3 Liter V6 Engine	False	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
Electric Water Pump Equipped	False	
1.8 Liter W4 engine	False	
4.7 Liter V8 Engine	False	
Compressed Natural Gas Equipped	False	
3.2 Liter V6 Engine	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
SRV Equipped	False	
62TE	False	
Battery Temp Sensor Equipped	False	
HPT 6-Speed Transmission Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
CUSW (29-Bit) Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Dual Speed Fuel Pump Equipped	False	
CUSW (11-Bit) Equipped	False	
Shift Indicator Lamp Equipped	False	
VLP Equipped Indicator	False	
2 Speed Fan PWM Relay System Equipped	False	
4 Button Integrated Cruise Control	False	
Direct Injection Equipped	False	
Electronic Vacuum Pump Equipped	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
Hybrid Electric Vehicle Equipped	True	
6.2 Liter V8 Engine	False	
5.7 Liter V8 Engine	False	
Wide Range O2 Sensor 2/1 Equipped	False	
Cummins Equipped	False	
Fiat 940 Compact Equipped	False	
A/C Equipped	False	
Knock Sensor 1 Equipped	True	
Yaw Rate Sensor ESC Equipped	False	
Unleaded Gasoline Fuel	True	
Port Flap Valve Equipped	False	
Barometric Sensor Equipped	False	
Auxiliary Coolant Pump Equipped	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
42RLE	False	

MTV Solenoid Equipped	False	
Rear Heater Equipped	False	
Transmission Software Included	False	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
ETC Cruise equipped	False	
Dual Fuel Tank Equipped	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
MultiAir Equipped	False	
Linear EGR Equipped	False	
Powernet Equipped	True	
Linear Purge Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
2 Speed Fan Mechanical Relay System Equipped	False	
Knock Sensor 2 Equipped	True	
Engine Oil Heater Cooler Equipped	True	
Bi-Directional Crank Sensor Equipped	True	
Dual Fuel Pressure Sensor Equipped	False	
CUSW 4-Button Cruise Equipped	False	
Make Up Air Sensor Equipped	False	
Cylinder Pressure Sensor Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
5 Button Cruise (LIN) Equipped	True	
Brake Pedal Sensor Equipped	False	
Power Steering Angle Sensor Mandatory	False	
INTAKE O2 SENSOR EQUIPPED	False	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Operator Idle Speed Request Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
Clutch Sensor Equipped	False	
Mass Airflow System Equipped	False	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
Hardware Configuration: Trunk Door Handle H/W	Simple Switch AP	
Hardware Configuration: Remote Start Antenna	Present	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	

Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Valid Key In Ignition	Yes	
Fob Location #3 Successfully Programmed	Yes	
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 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	True	
Ignition system type connected	KIN system	
RKE	True	
Remote Start Present	True	
\$0214 Programmed by	Programmed by Supplier EOL	
TPM Auto-Locate Enabled	True	
Keyless Go	True	
Passive Entry	True	
Hybrid Type	PHEV	
Module Configuration Status	True	
Premium TPM	True	
Back Up ECU Configuration 16	True	
Back Up ECU Configuration 14	True	
Back Up ECU Configuration 7	True	
Back Up Vehicle Config 1	True	
Back Up ECU Configuration 10	True	

Back Up ECU Configuration 11	True	
Back Up Vehicle Config 4	True	
Back Up Vehicle Config 3	True	
Back Up Customer Settings Menu 1 (CSM1)	True	
Back Up ECU Configuration 2	True	
Back Up ECU Configuration 1	True	
Back Up ECU Configuration 9	True	
Back Up Programmed ECUs: Cabin Network	True	
Back Up Vehicle Config 5	True	
Back Up ECU Configuration 3	True	
Back Up Customer Settings Menu 2 (CSM2)	True	
Back Up Vehicle Config 6	True	
Back Up ECU Configuration 12	True	
Back Up Programmed ECUs: P/T Chassis Network	True	
Back Up ECU Configuration 4	True	
Back Up ECU Configuration 17	True	
Back Up ECU Configuration 8	True	
Back Up ECU Configuration 13	True	
Back Up Vehicle Config 7	True	
Back Up ECU Configuration 5	True	
Back Up Vehicle Config 2	True	
Back Up ECU Configuration 15	True	
Back Up ECU Configuration 6	True	

ORC CONFIGURATION

NAME	VALUE	UNITS
First Row Driver Seatbelt Buckle Switch	Configured	
Driver Seat Track Position Sensor	Configured	
Second Row Left Seat Side Airbag	Not Configured	
Rollover Sensing	Configured	
Passenger Seatbelt Retractor Pretensioner	Configured	
Passenger Seatbelt Anchor Pretensioner	Configured	
Driver Seatbelt Anchor Pretensioner	Configured	
Left Side Seat Squib 1	Configured	
Driver Frontal Squib 3	Configured	
Passenger Seatbelt Load Limiter	Configured	
Passenger Occupant Detection Sensor	Not Configured	
Passenger Seatbelt Buckle Pretensioner	Not Configured	
Second Row Left seat belt Switch	Not Configured	
Left B-Pillar Impact Acceleration Sensor	Configured	
Right Up-Front Acceleration Sensor	Configured	
Configuration Column Identifier	A3	
Passenger Airbag Disable Indicator	Not Configured	
Passenger Frontal Squib 1	Configured	

Driver Frontal Squib 1	Configured	
Passenger Frontal Squib 3	Configured	
Right Side Seat Squib 1	Configured	
Second Row Right seat belt Switch	Not Configured	
Left Up-Front Acceleration Sensor	Configured	
Right Curtain Squib 1	Configured	
Left C-Pillar Impact Acceleration Sensor	Configured	
Passenger Seat Track Position Sensor	Configured	
Driver Knee Bolster Squib	Configured	
Occupant Classification (OCM)	Configured	
Passenger Frontal Squib 2	Configured	
Driver Frontal Squib 4	Not Configured	
Second Row Center seat belt Switch	Not Configured	
Left Curtain Squib 1	Configured	
Right Side Door Pressure Sensor	Configured	
First Row Passenger Seatbelt Buckle Switch	Configured	
Right B-Pillar Impact Acceleration Sensor	Configured	
Left D-Pillar Impact Acceleration Sensor	Configured	
Right D-Pillar Impact Acceleration Sensor	Configured	
Right C-Pillar Impact Acceleration Sensor	Configured	
Driver Seatbelt Load Limiter	Configured	
Driver Seatbelt Retractor Pretensioner	Configured	
Second Row Right Seat Side Airbag	Not Configured	
Passenger Frontal Squib 4	Not Configured	
Passenger Airbag Disable Switch	Not Configured	
Passenger Knee Bolster Squib	Configured	
Driver Frontal Squib 2	Configured	
Left Side Door Pressure Sensor	Configured	
EPPM	Not Configured	
Driver Seatbelt Buckle Pretensioner	Not Configured	

EPS CONFIGURATION

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

HVAC CONFIGURATION

NAME	VALUE	UNITS
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	
HVAC Configuration	Dual Zone ATC + Rear	

PDM CONFIGURATION

NAME	VALUE	UNITS
Frameless Window	False	

PSDML CONFIGURATION

NAME	VALUE	UNITS
VSIM Status	False	

PSDMR CONFIGURATION

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

MSM CONFIGURATION

NAME	VALUE	UNITS
Adjustable Pedals	False	
Telescope/Tilt	False	

CSWM CONFIGURATION

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

AMP CONFIGURATION

NAME	VALUE	UNITS
Left/Right Hand Drive	Left Hand Drive	
Premium - 3	True	
Premuim - 1 (8 channel)	False	
Premuim - 2 (12 Channel)	False	
Non -ANC	False	

Current ANC Calibration ID - Service	RU PHEV 3.6L: Tripane Sunroof & Harman AMP	
ANC Status	Off - Window Mute	
Teen Key Present	False	
Current EQ Checksum	FD 83 65 9E	
Surround Sound Activated	Set	
Sub-EQ Set Selected	Sub-EQ#2 Selected	
Cabin Equalization Curve Number	53	
Door Module - Right Rear	Present	
Door Module - Left Front	Present	
Door Module - Left Rear	Present	
Door Module - Right Front	Present	
ANC Calibration Date - Year	18	
ANC Calibration Date - Week	45	
ANC Calibration Date - Patch Level	2	

IPC CONFIGURATION

NAME	VALUE	UNITS
PHEV	True	
Rear Fog Lamp	False	

PTS CONFIGURATION

NAME	VALUE	UNITS
Front License Plate Configuration	Front Plate Config - USA	
Front System with 6 Rear Sensors	True	
Rear System with 6 Front Sensors	True	

SCCM CONFIGURATION

NAME	VALUE	UNITS
Rear Wiper	True	
Paddle Shifter	False	
Cruise Control / ACC	True	
Tilt Telescope	False	

BCM CONFIGURATION

NAME	VALUE	UNITS
Number of Reprogramming Attempts - Counter #0	0	
Vehicle Configuration Programmed Status	True	
Last Programmed Status	Manufacturing	
ECU Configuration 10	4	
Vehicle Config CSM1	4	
ECU Configuration 11	4	
ECU Configuration 6 (Brake)	4	
ECU Configuration 5 (Wireless)	4	
Programmed ECUs: P/T Chassis Network	4	

ECU Configuration 15 (Suspension)	4	
Programmed ECUs: Hybrid LAN Network	0	
ECU Configuration 8 (LIN and Miscellaneous)	4	
ECU Configuration 9A	4	
Vehicle Configuration 2 - Write Counter	4	
Vehicle Configuration 7 - Write Counter	4	
ECU Configuration 6 (Safety)	4	
ECU Configuration 2 (CBC Features)	4	
Vehicle Configuration 5 - Write Counter	4	
Programmed ECUs: Cabin Network	4	
Vehicle Configuration Auto Write Counter	1	
ECU Configuration 3	4	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	4	
ECU Configuration 12	4	
ECU Configuration 9 (ITM)	4	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	4	
ECU Configuration 14	4	
Vehicle Configuration 6 - Write Counter	4	
ECU Configuration 13	4	
ECU Configuration 5 (Memory)	4	
Vehicle Config CSM2	4	
ECU Configuration 15 (CBC Features)	4	
Programmed Network Configuration - Audio / Telematics Network	0	
Vehicle Configuration 4 - Write Counter	4	
ECU Configuration 6 (Powertrain)	4	
ECU Configuration 6 (Suspension)	4	
ECU Configuration 5 (Doors)	4	
ECU Configuration 4	4	
Vehicle Configuration 3 - Write Counter	4	
Last Configuration Odometer	0	miles
Vehicle Configuration 1 - Write Counter	4	
Emode Present	Not Set	
PTS Configuration	Semi Automatic / Semi Automatic	
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	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	MPH
Max Load Inflation Pressure Rear Tire	36.0	PSI
Special Packages IC	Pacifica	
Power Inverter Type	No Power Inverter	
Cruise Feature is Present	Not Set	
Max Load Inflation Pressure Front Tire	36.0	PSI
Off Road Capable	Not Set	
Air Conditioning Present	Not Set	
Rain Sensor Present	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	All windows express feature	
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	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	17	gallons
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	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)	89	inch
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	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 - Harman 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	Not 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	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	Set	
Rear Door Pre Short Drop	Not Set	
Electro-chromatic driver mirror present	Set	
Driver Memory Mirrors Present	Set	
Window Hall Sensors Present	Not Set	
Mirror turn signals present	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	Set	
Heated Seat Material Type	Base Leather	
Stow 'n Assist Present - Driver	Set	
Stow 'n Assist Present - Passenger	Set	
Rear Heated Seats Present	Not Present	
Front Vented Seats Present	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	HaLF	
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)	
Humidy 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	Set	
CHMSL Lamp Output Disable	Not Set	
Connecetor 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	Set	
ANC Calibration Parameter Data Set	Harman Amplified 3.6L PHEV Sunroof	
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	Set	
Park Assist Tuning Set	BUX Front and Rear Only	
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	Set	
VRM	Set	
MSMP	Set	
AMP	Set	
HVAC	Set	
PDM	Set	
VTM	Not Set	
DDM	Set	
EOMR	Set	
EDM	Set	
ITM	Not Set	
DMRR	Set	
MSM	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	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	Set	
PCM	Set	
PTS	Set	
EPS	Set	
RFH	Set	
AHLM	Not Set	
ESL	Not Set	
FFCM	Set	
ABSO	Set	
OCM	Set	
ABS	Not Set	
TCM	Not Set	
HCP	Set	
Accessory Delay Time	45	seconds
Sliding Door Chime Enable	Not Set	
Sliding Door Alert	Not Set	
Auto Unlock	Set	
Headlamps on with Wipers	Set	
Flash Lamps on Lock	Not Set	
Daytime Running Lamps	Set	
Auto Wipers	Set	
Sound Horn On Lock Status	Chirp on 2nd press/SECOND	
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	0	seconds

Headlamp Delay Time	0	seconds
Auto Highbeam	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	Not Set	

RADIO CONFIGURATION

NAME	VALUE	UNITS
Compass on the bus messaging Authorization	Allowed	
GPS on the Bus messaging Authorization	Allowed	
Satellite Subscription Suspend Day	01	
Satellite Subscription Reason Code	00	
Satellite Subscription Suspend Year	46	
Satellite Subscription Suspend Month	01	
Satellite Subscription Status	Subscribed	
Satellite Subscription ID	PTCXHD0G	
Aux Jack	Not Inserted	
USB Hubs Detected	1	No Unit
SD Card Readers Detected	0	No Unit
Enumerated USB Devices	0	No Unit
DTV Short Term Configuration	—	
911 Button	On	
SDARS	True	
Internal CD Player	False	
Application Framework	True	
Bluetooth	True	
Navigation Active	True	

FM Diversity	False	
Cellular	True	
Wi-Fi	True	
Splash Screen	Chrysler	
Anti-Theft Enable Status	On	
Automated Loudness	On	
Front Seat Video Playback	Enabled	
Clock Defeat	Off	
Cabin EQ Curve Number Currently Used by Radio	35	
12/24 Time Selection	12 Hour Time	

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	

FFCM CONFIGURATION

NAME	VALUE	UNITS
Traceability info	2220200 [REDACTED]	
Traceability info	112020 [REDACTED]	
XCP Enabled	False	
HIL mode Enabled	False	

EDM CONFIGURATION

NAME	VALUE	UNITS
Intrusion module	Not Present	
Blind-Spot Module	Not Present	
Video Ent. System Screen 1 Module	Not Present	
Heating Ventilation Air Conditioning	Not Present	
Integrated Center Stack Module	Not Present	
Passenger Door Control Module	Not Present	
Vehicle System Interface Module	Not Present	
Rear Body Controller Module	Not Present	
Convergence Telematics Module	Not Present	
Driver Door Control Module	Not Present	
CAN I in-dash disc player module	Present	
Right Rear Door Control Module	Not Present	
Left Power Sliding Door Module	Not Present	
Common Body Controller Int Bus	Not Present	

Left Rear Door Control Module	Not Present	
Memory Seat Module	Not Present	
Amplifier Module	Not Present	
Comfot Seats and Wheel Module	Not Present	
Power Liftgate Module	Not Present	
Power Top Control Module	Not Present	
Right Power Sliding Door Module	Not Present	
Folding Seat Module	Not Present	
Video Ent. System Screen 2 Module	Not Present	
Radio	Present	
VES	False	
VRM	False	
E-Mode Feature Present	False	
Remote Start Present	False	
Vehicle Line	RU	
Body Style	Station Wagon	
Left/Right Hand Drive	Not Programmed	
Vehicle Brand Type	Chrysler	

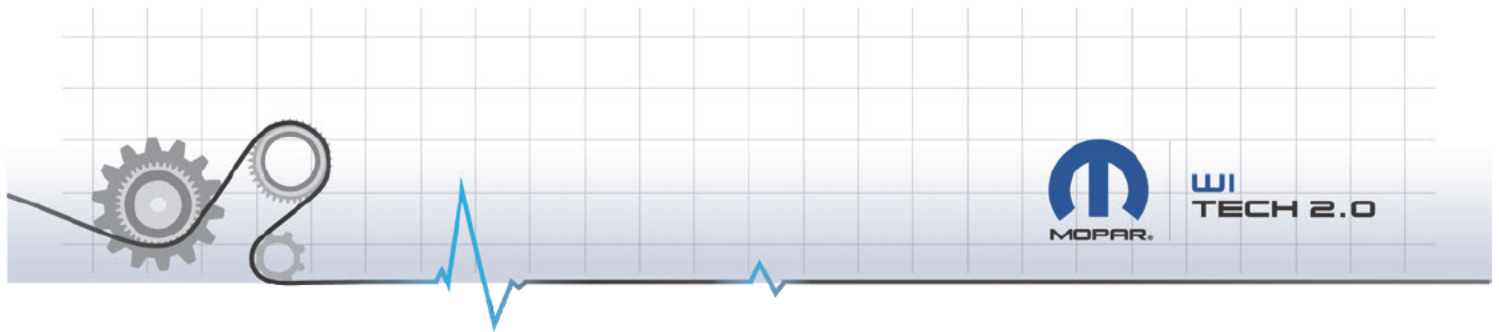
RCCC CONFIGURATION

NAME	VALUE	UNITS
MTC with EBL	False	
DualZone ATC Control	True	
MTC Heater Only	False	
Single Zone MTC Control	False	
Dual Zone MTC Control	False	
DualZone ATC Control	False	
MTC without EBL	False	

ABSO CONFIGURATION

NAME	VALUE	UNITS
Engine Displacement	3.6	No Unit
ESC BLA Enabled	False	
PN ESC Byte2	0	
PN ESC Byte1	0	
Drive Configuration	2WD Front	
Dynamic Tire Circumference	89	inch
VC Chassis Type	Type 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 2C4RC1N75 [REDACTED]

Odometer 6009.0 miles
Publication Date Apr 16, 2021, 7:23:11 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	[REDACTED]	ORIGINAL	[REDACTED]	PART #
PCM	Powertrain Control Module	CAN-C	68444228AE	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68444228AE
ICS	Integrated Center Stack	CAN-I	6UX621X8AA	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	6UX621X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68447893AC
DDM	Driver Door Module	CAN-I	68424449AC	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68424449AC
PDM	Passenger Door Module	CAN-I	68424448AC	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68424448AC
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434912AC	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68434912AC
AMP	Amplifier	CAN-I	68448067AA	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434956AC	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68434956AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68360889AD
BCM	Body Controller	CAN-C	68424601AE	2C4RC1N	[REDACTED]	2C4RC1N	[REDACTED]	68424601AE

ACC	Adaptive Cruise Control	CAN-C	68417813AF	2C4RC1N7	2C4RC1N7	68417813AF
RADIO	Radio	CAN-I	68461768AD	2C4RC1N7	2C4RC1N7	68461768AD
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N7	2C4RC1N7	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N7	2C4RC1N7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N7	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1N7	2C4RC1N7	68493395AA
EDM	External Disc Module	CAN-I	68378304AB	2C4RC1N7	2C4RC1N7	68378304AB
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N7	2C4RC1N7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1N7	2C4RC1N7	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190265AF	2C4RC1N7	2C4RC1N7	05190265AF
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1N7	2C4RC1N7	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N7	2C4RC1N7	68321862AC
DSM	Display Screen Module	CAN-I	68316174AC	2C4RC1N7	2C4RC1N7	68316174AC
VRM	Video Routing Module	CAN-I	68376134AG	2C4RC1N7	2C4RC1N7	68376134AG
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1N7	2C4RC1N7	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N7	2C4RC1N7	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N7	2C4RC1N7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190266AF	2C4RC1N7	2C4RC1N7	05190266AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1N7	2C4RC1N7	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1N7	2C4RC1N7	68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB	2C4RC1N7	2C4RC1N7	68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	31D751B0
ICS	USA	0F 0C 00	12 25 00	4700	
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	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
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	
ACC	USA / USA	14 12 01	14 1D 01	4400	
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	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
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	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	13 29 00	12 23 00	4000	
VRM	USA / USA	0F 1C 00	13 26 11	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 32 01	12 33 00	4003	
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
ESM	U0594-00	Implausible Data Received From Hybrid Control Module "A"-	Stored
ESM	P1C8B-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
MSM	B222D-00	ECU Unable To Configure/Configuration Not Learned-	Stored

AMP	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
IPC	B1612-00	Panel Illumination Control-	Stored
PTS	U0002-00	CAN C Bus Off Performance-	Stored
ACC	C2129-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
RADIO	U0002-00	CAN C Bus Off Performance-	Active
FFCM	U0002-00	CAN C Bus Off Performance-	Stored
FFCM	C008E-00	ECU Internal Performance-	Stored
BPCM	P1A21-00	HV Battery Contactor Control Sequence Incorrect-	Stored
BPCM	P0B37-00	High Voltage Service Disconnect Open-	Stored
BPCM	P0ABB-00	Hybrid Battery Pack Voltage Sense 1 Circuit Performance-	Stored
BPCM	P0A0A-00	High Voltage System Interlock Circuit "A"-	Stored
BPCM	P1AE2-00	Battery Energy Control Module High Voltage System Interlock Circuit-	Stored
HCP	P1444-00	Power Inverter Module - Incorrect Control Mode-	Stored
HCP	P06B1-00	Sensor Power Supply 1 Circuit Low-	Active
HCP	P079B-00	Transmission Friction Element 2 Slip Detected-	Active
HCP	P0A0A-00	High Voltage System Interlock Circuit "A"-	Stored
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Active
HCP	P0A44-00	Drive Motor A Position Sensor 1 Circuit Overspeed-	Active
HCP	P0AFA-00	Hybrid/EV Battery System Voltage Low-	Pending
HCP	P0C19-00	Drive Motor A Torque Delivered Performance-	Active
HCP	P1A21-00	HV Battery Contactor Control Sequence Incorrect-	Stored
MSMP	B222D-00	ECU Unable To Configure/Configuration Not Learned-	Stored
CVPM	B22A9-00	ECU Internal Performance-	Stored

ENVIRONMENTAL DATA SUMMARY

ESM | U0594-00 | Stored | Implausible Data Received From Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C5 94 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Ignition Status	Ignition Lock	
Sub-Faults	00	
Frequency Counter	1	
Ignition Cycle Counter	6	
Original Odometer Value	6005	miles
Operation Time	15701	Min
Operating Voltage	12.9	Volts

Most Recent Odometer Value	6005	miles
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ESM | P1C8B-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	1C 8B 16	
Test Failed	False	
Pending DTC	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Occurrence flag	Occurrence	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Ignition Status	Ignition Lock	
Most Recent Odometer Value	6005	miles
Frequency Counter	1	
Original Odometer Value	6005	miles
Operating Voltage	5.5	Volts
Operation Time	15701	Min
Ignition Cycle Counter	6	

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

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Test Failed	False	
DTC	A2 2D 00	
Warning Indicator Requested	False	
Calibration Version	03 09 00 01	
DTC Extended Data Record Number	14	
Destandardization Reason	Diagnostics	
Vertical Rear motor sensor - Short to ground	False	
Vertical Front motor sensor - Short to battery or open	False	
Vertical Front motor sensor - Short to ground	False	
Horizontal motor sensor - Short to ground	False	
Horizontal motor sensor - Short to battery or open	False	
Recliner motor sensor - Short to ground	False	

Vertical Rear motor sensor - Short to battery or open	False	
Movement Direction - Recliner Motor	Motor not moving	
Recliner motor sensor - Short to battery or open	False	
ECU configuration - Adjustable Pedals	False	
ECU configuration - Telescope/Tilt	False	
Movement Direction - Vertical Front Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	
Movement Direction - Horizontal Motor	Motor not moving	
ECU configuration - Vehicle Line	RU	
ECU configuration - Memory Seat	True	
ECU configuration - Stow n Assist	True	
Original Odometer Value	6005	miles
Frequency Counter	1	
Most Recent Odometer Value	6005	miles
Front Hard Stop - Current	33018	Counts
Learned Seat Travel - Current	783	Counts
Default Seat travel length	780	Counts
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Ignition Cycle Counter	7	
Rear Hard Stop - Post-destandardization	32235	Counts
Front Hard Stop - Post-destandardization	33018	Counts
Number of ECU hard resets since latest calibration	9	Counts
Rear Hard Stop - Current	32235	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
Learned Seat Travel - Post-destandardization	783	Counts
Position Horizontal Adjustment	32346	Counts
ECU Voltage	2.024	Volts
Position Recliner	32138	Counts
Position Vertical Front	32825	Counts
Position Vertical Rear	32499	Counts

AMP | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Test Failed Since Last Clear	True	

Frequency Counter	1	
Ignition Cycle Counter	4	
Original Odometer Value	0	miles
Most Recent Odometer Value	0	miles

IPC | B1612-00 | Stored | Panel Illumination Control-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	FF	
Occurrence flag	ERROR	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Most Recent Odometer Value	6005	miles
Original Odometer Value	6005	miles
Frequency Counter	1	
Ignition Cycle Counter	7	

PTS | U0002-00 | Stored | CAN C Bus Off Performance-

NAME	VALUE	UNITS
DTC	C0 02 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	Occurrence	
Most Recent Odometer Value	0	miles
Original Odometer Value	Odometer value not available / Default	miles
Frequency Counter	7	
DC/DC Converter Voltage	01	Volt

ACC | C2129-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	

Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Test Not Completed This Operation Cycle	True	
Test Failed Since Last Clear	True	
PRNDL Status	P range	
Most Recent Odometer Value	6005	miles
Frequency Counter	1	
Object of Interest Distance	830	FEET
Engine RPM	0	rpm
Operation Cycle Counter	17	
Vehicle Speed	0	MPH
Original Odometer Value	6005	miles
ACC Set Speed	0	MPH
Engine Torque Request	SNA	Ft-Lbs
Ignition Voltage	4.5	
System Voltage	10.5	Volts

RADIO | U0002-00 | Active | CAN C Bus Off Performance-

NAME	VALUE	UNITS
DTCTable	C0 02 00	
Warning Indicator Requested	False	
Test Not Completed This Monitoring Cycle	False	
TestFailedThisMonitoringCycle	True	
Pending DTC	True	
Confirmed DTC	True	
TestFailed	True	
Occurance Flag	Occurrence	
Reserved	Reserved	
DTCExtendedDataRecordNumber	FF	
RDI \$6080	60 80	
Event Counter	64	
Frequency Counter	2	
Ignition Counter	0	
Original Odometer Value	6005	miles
Most Recent Odometer Value	6005	miles

FFCM | U0002-00 | Stored | CAN C Bus Off Performance-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
DTC	C0 02 00	

Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number	01	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Most Recent Odometer Value	6005	miles
Original Odometer Value	6005	miles
Frequency Counter	1	
Ignition Cycle Counter	4	

FFCM | C008E-00 | Stored | ECU Internal Performance-

NAME	VALUE	UNITS
Test Failed	False	
DTC	40 8E 00	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Pending DTC	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number	01	
Test Not Completed This Operation Cycle	False	
Occurrence flag	ERROR	
Frequency Counter	1	
Ignition Cycle Counter	4	
Original Odometer Value	6005	miles
Most Recent Odometer Value	6005	miles

BPCM | P1A21-00 | Stored | HV Battery Contactor Control Sequence Incorrect-

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
HCP Contactor Command	Closed	
EPT -WakeUp	Sourced	
Qualified Contactor Command - QCC	Closed	
Contactor Status	Open	
Verified Contactor Command - VCC	Closed Restricted	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	

Battery in Periodic wake up (Just battery) at time of Fault	False	
HVIL Status -Vehicle	Fail	
HVIL Status - Battery pack	Fail	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault Path	01	
Fault trigger level 3	False	
Key - DriveRdy (CAN)	True	
Battery Cell Highest Cell number	92	
Battery Cell Lowest Cell number	63	
Battery Temperature Highest Sensor number	10	
Battery Temperature Lowest Sensor number	07	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM Sec Asic Fault Input	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Contactor State	Open	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	NOTASSERTED	
DTC	1A 21 00	
Real Time Clock Validity	True	
Test Failed This Operation Cycle	False	
Test Failed	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	

Occurrence flag	ERROR	
DTC Extended Data Record Number - 2	5D	
Frequency Counter	1	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails)	2	events
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
Battery Total Time Awake	18784656	seconds
Vehicle mileage at time of fault (ODO signal in \$3D2)	6008.96	miles
Battery Lifetime Miles	0.00	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	12.727	Volts
Battery Lifetime AmpHrs of Charge	4557.9	AHr
SOC at time of Fault	22.4	%
Power Up SOC at time of Fault	22.4	%
Battery Lifetime AmpHrs of DisCharge	4549.8	AHr
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM peak voltage Sensed - Vehicle	0.416	Volts
HVIL Source Voltage- Battery	7.245	Volts
HVIL PWM peak voltage Sourced - Vehicle	11.696	Volts
HVIL Returned current - Battery	0.10	mA
HV Battery Current Sensor 1 Hall High	-1.05	Amps
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Battery Current HVBatCmt	0.00	Amps
HV Cooling Speed pump 1 Speed	0	rpm
BPCM temperature max	45	°F
HV Cooling Speed Pump 1 Target	0	rpm
Charge indicator Temp	36	°F
Isolation Circuitry Vb	2.501	Volts
Isolation Circuitry Va	2.497	Volts
BPCM temperature min	43	°F
Isolation Circuitry Vd	0.000	Volts
WC and CircuitryISO 8V Reference Voltage	7.956	Volts
WC and Circuitry Vcc Voltage	5.021	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-0.2	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
Cycles left to self heal	40	No Unit
HV Battery Charge Power 2sec	89574	watts
HV Battery Charge Power 10sec	78291	watts
HV Battery Discharge Power 10sec	68295	watts
HV Battery Discharge Power 2sec	77091	watts
HV Battery Power	007530	watts
Battery Full AmpHr Capacity	48	AmpHrs

Battery Lifetime Number Of Closes	1855	
Cell Impedance Max Discharge	0	mOhms
Battery Cell Voltage Maximum	3549	mV
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Minimum	3537	mV
Battery Cell Voltage Average	3543	mV
HV Battery Voltage (cell sum)	340.10	Volts
HV Battery Voltage (Module Sum)	339.70	Volts
HV Sensor A Pack Voltage	75.50	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	59.70	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	169.70	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	169.60	Volts
Battery Temperature Maximum Module	45	°F
HV Sensor G Weld Contactor(Pack Negative) Voltage	-0.2	Volts
Battery Temperature Minimum Module	43	°F
Battery Temperature Average Module	43	°F
HV Cooling Battery coolant inlet temp	41	°F
HV Cooling Battery coolant outlet temp	41	°F
HV Cooling OBCM temp inlet Temp	37	°F
Isolation Vehicle Impedance	8.0862	Mega Ohms
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-C	91.8	%
BPCM Sec QA Error Counter	0	cnts
HV Bat SOH-R	0.4	%
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Real time clock	429496.7295	seconds
Accelerator position	7.5	%
Original Odometer Value	6005	miles
Real time clock-OS Task Delay Timer	0	
Most Recent Odometer Value	6005	miles

BPCM | P0B37-00 | Stored | High Voltage Service Disconnect Open-

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Sourced	
Qualified Contactor Command - QCC	Closed	
HCP Contactor Command	Closed	
Verified Contactor Command - VCC	Closed Restricted	
Contactor Status	Closed	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	

Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status -Vehicle	Fail	
HVIL Status - Battery pack	Fail	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
Key - DriveRdy (CAN)	True	
Battery Cell Highest Cell number	81	
Battery Cell Lowest Cell number	63	
Battery Temperature Highest Sensor number	10	
Battery Temperature Lowest Sensor number	07	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not active	
BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec Contactor State	Close	
BPCM Sec HW Timer Status	Not active	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	NOTASSERTED	
Real Time Clock Validity	True	
DTC	0B 37 00	
Test Failed	False	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	

Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
DTC Extended Data Record Number - 2	2A	
Frequency Counter	1	
FoM - for this DTC (lifetime fails)	11	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
Ignition Cycle Counter	1	
Battery Total Time Awake	18784654	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Vehicle mileage at time of fault (ODO signal in \$3D2)	6008.96	miles
Battery Lifetime Miles	0.00	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	12.727	Volts
Battery Lifetime AmpHrs of Charge	4557.9	AHr
Battery Lifetime AmpHrs of DisCharge	4549.8	AHr
Power Up SOC at time of Fault	22.4	%
SOC at time of Fault	22.4	%
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM peak voltage Sourced - Vehicle	11.776	Volts
HVIL PWM peak voltage Sensed - Vehicle	0.416	Volts
HVIL Source Voltage- Battery	7.252	Volts
HVIL Returned current - Battery	0.10	mA
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Battery Current Sensor 1 Hall High	-0.60	Amps
HV Battery Current HVBatCmnt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
BPCM temperature min	43	°F
Charge indicator Temp	36	°F
BPCM temperature max	45	°F
Isolation Circuitry Va	2.497	Volts
Isolation Circuitry Vb	2.501	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	5.019	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-0.2	Volts
WC and CircuitryISO 8V Reference Voltage	7.956	Volts
Cycles left to self heal	40	No Unit
HV Battery Charge Power 2sec	89580	watts
HV Battery Charge Power 10sec	78294	watts
HV Battery Discharge Power 2sec	77097	watts
HV Battery Discharge Power 10sec	68301	watts

HV Battery Power	007530	watts
Battery Full AmpHr Capacity	48	AmpHrs
Battery Lifetime Number Of Closes	1855	
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	3550	mV
Battery Cell Voltage Minimum	3538	mV
Battery Cell Voltage Average	3543	mV
HV Battery Voltage (cell sum)	340.10	Volts
HV Battery Voltage (Module Sum)	339.70	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	198.60	Volts
HV Sensor A Pack Voltage	198.70	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	198.60	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	198.40	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-0.2	Volts
Battery Temperature Maximum Module	45	°F
Battery Temperature Minimum Module	43	°F
Battery Temperature Average Module	43	°F
HV Cooling Battery coolant inlet temp	41	°F
HV Cooling Battery coolant outlet temp	41	°F
HV Cooling OBCM temp inlet Temp	37	°F
Isolation Vehicle Impedance	8.0862	Mega Ohms
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-C	91.8	%
HV Bat SOH-R	0.4	%
BPCM Sec QA Error Counter	2	cnts
BPCM L2 SM Hw Reset Error Counter	0	No Unit
BPCM Sec MM Hw Reset Error Counter	0	cnts
Accelerator position	7.5	%
Engine Speed	0	rpm
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	0	
Original Odometer Value	6005	miles
Most Recent Odometer Value	6005	miles

BPCM | P0ABB-00 | Stored | Hybrid Battery Pack Voltage Sense 1 Circuit Performance-

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Sourced	
HCP Contactor Command	Closed	
Qualified Contactor Command - QCC	Closed	
Verified Contactor Command - VCC	Closed Restricted	
Contactor Status	Closed	

ChargingLevel	Plug in, but no charge	
Plug in Status	Not plugged in	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status -Vehicle	Fail	
HVIL Status - Battery pack	Fail	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
Key - DriveRdy (CAN)	True	
Battery Cell Highest Cell number	86	
Battery Cell Lowest Cell number	15	
Battery Temperature Lowest Sensor number	07	
Battery Temperature Highest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM Sec Asic Fault Input	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec Contactor State	Close	
BPCM Sec HW Timer Status	Not active	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	NOTASSERTED	
Real Time Clock Validity	True	
DTC	0A BB 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	

Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
DTC Extended Data Record Number - 2	13	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails)	1	events
FoM - for this DTC (lifetime fails counts on pass)	41.0400	seconds
Frequency Counter	1	
FoM - for this DTC (lifetime longest fail on pass)	0.240	seconds
Battery Total Time Awake	18784652	seconds
Vehicle mileage at time of fault (ODO signal in \$3D2)	6008.96	miles
Battery Lifetime Miles	0.00	miles
System (12) Volts at time of fault	12.727	Volts
Vehicle Speed	0.0	MPH
Battery Lifetime AmpHrs of DisCharge	4549.8	AHr
SOC at time of Fault	22.4	%
Battery Lifetime AmpHrs of Charge	4557.9	AHr
Power Up SOC at time of Fault	22.4	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM peak voltage Sourced - Vehicle	11.733	Volts
HVIL PWM peak voltage Sensed - Vehicle	0.416	Volts
HVIL Source Voltage- Battery	7.245	Volts
HVIL Returned current - Battery	0.10	mA
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Battery Current Sensor 1 Hall High	-1.05	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	36	°F
BPCM temperature max	45	°F
BPCM temperature min	43	°F
Isolation Circuitry Va	2.498	Volts
Isolation Circuitry Vb	2.501	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry Vcc Voltage	5.019	Volts
WC and CircuitryISO 8V Reference Voltage	7.956	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-0.2	Volts
Cycles left to self heal	40	No Unit
HV Battery Charge Power 2sec	89577	watts
HV Battery Charge Power 10sec	78294	watts

HV Battery Discharge Power 10sec	68298	watts
HV Battery Discharge Power 2sec	77094	watts
HV Battery Power	007530	watts
Battery Lifetime Number Of Closes	1855	
Battery Full AmpHr Capacity	48	AmpHrs
Cell Impedance Mim Discharge	0	mOhms
Cell Impedance Max Discharge	0	mOhms
Battery Cell Voltage Maximum	3550	mV
Battery Cell Voltage Minimum	3539	mV
Battery Cell Voltage Average	3543	mV
HV Battery Voltage (cell sum)	340.10	Volts
HV Battery Voltage (Module Sum)	339.70	Volts
HV Sensor A Pack Voltage	240.50	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	240.40	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	240.40	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	240.40	Volts
Battery Temperature Maximum Module	45	°F
HV Sensor G Weld Contactor(Pack Negative) Voltage	-0.2	Volts
Battery Temperature Minimum Module	43	°F
Battery Temperature Average Module	43	°F
HV Cooling Battery coolant inlet temp	41	°F
HV Cooling Battery coolant outlet temp	41	°F
HV Cooling OBCM temp inlet Temp	37	°F
Isolation Vehicle Impedance	8.0862	Mega Ohms
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	0.4	%
HV Bat SOH-C	91.8	%
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM Sec QA Error Counter	0	cnts
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	7.5	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	0	
Most Recent Odometer Value	6005	miles
Original Odometer Value	6005	miles

BPCM | P0A0A-00 | Stored | High Voltage System Interlock Circuit "A"-

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Sourced	
HCP Contactor Command	Closed	
Qualified Contactor Command - QCC	Closed	

Contactor Status	Closed	
Verified Contactor Command - VCC	Closed Restricted	
ChargingLevel	Plug in, but no charge	
Plug in Status	Not plugged in	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Balance Mode	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status - Battery pack	Fail	
HVIL Status -Vehicle	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Switch Power Shorted	PASS	
Pump - Overtemperature	PASS	
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
Key - DriveRdy (CAN)	True	
Battery Cell Highest Cell number	95	
Battery Cell Lowest Cell number	63	
Battery Temperature Lowest Sensor number	07	
Battery Temperature Highest Sensor number	10	
HV Cooling Pump Relay Drive	Not Sourced	
Battery Temperature Number of Failing Sensors	00	
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not active	
BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Contactor State	Close	
BPCM Sec Asic Fault State	NOTASSERTED	
BPCM Main HW Timer Status	Not active	
Real Time Clock Validity	True	
Test Failed	False	
DTC	0A 0A 00	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	

Pending DTC	False	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
DTC Extended Data Record Number - 2	04	
Frequency Counter	1	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails counts on pass)	4.5600	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.080	seconds
FoM - for this DTC (lifetime fails)	11	events
Battery Total Time Awake	18784644	seconds
Vehicle Speed	0.0	MPH
Battery Lifetime Miles	0.00	miles
System (12) Volts at time of fault	12.727	Volts
Vehicle mileage at time of fault (ODO signal in \$3D2)	6008.96	miles
Battery Lifetime AmpHrs of Charge	4557.9	AHr
Battery Lifetime AmpHrs of DisCharge	4549.8	AHr
SOC at time of Fault	22.4	%
Power Up SOC at time of Fault	22.4	%
HVIL PWM peak voltage Sensed - Vehicle	0.789	Volts
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL Source Voltage- Battery	7.252	Volts
HVIL PWM peak voltage Sourced - Vehicle	11.780	Volts
HVIL Returned current - Battery	0.10	mA
HV Battery Current Sensor 1 Hall High	-2.75	Amps
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed pump 1 Speed	0	rpm
HV Cooling Speed Pump 1 Target	0	rpm
BPCM temperature max	45	°F
Charge indicator Temp	36	°F
BPCM temperature min	43	°F
Isolation Circuitry Va	2.497	Volts
Isolation Circuitry Vd	0.000	Volts
Isolation Circuitry Vb	2.501	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	5.019	Volts
WC and CircuitryISO 8V Reference Voltage	7.956	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	0.0	Volts
Cycles left to self heal	40	No Unit

HV Battery Charge Power 2sec	89583	watts
HV Battery Charge Power 10sec	78294	watts
HV Battery Discharge Power 2sec	77094	watts
HV Battery Discharge Power 10sec	68298	watts
HV Battery Power	007530	watts
Battery Lifetime Number Of Closes	1855	
Battery Full AmpHr Capacity	48	AmpHrs
Battery Cell Voltage Maximum	3549	mV
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Minimum	3537	mV
HV Battery Voltage (cell sum)	340.10	Volts
Battery Cell Voltage Average	3543	mV
HV Battery Voltage (Module Sum)	339.60	Volts
HV Sensor A Pack Voltage	340.10	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	340.10	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	340.10	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	0.0	Volts
Battery Temperature Maximum Module	45	°F
HV Sensor D Heater (HVHTR Fuse) Voltage	340.10	Volts
Battery Temperature Minimum Module	43	°F
HV Cooling Battery coolant inlet temp	41	°F
Battery Temperature Average Module	43	°F
HV Cooling Battery coolant outlet temp	41	°F
HV Cooling OBCM temp inlet Temp	37	°F
Isolation Battery Impedance	0.8480	Mega Ohms
Isolation Vehicle Impedance	8.0862	Mega Ohms
HV Bat SOH-R	0.4	%
HV Bat SOH-C	91.8	%
BPCM Sec QA Error Counter	3	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	7.5	%
Real time clock-OS Task Delay Timer	0	
Real time clock	429496.7295	seconds
Most Recent Odometer Value	6005	miles
Original Odometer Value	6005	miles

BPCM | P1AE2-00 | Stored | Battery Energy Control Module High Voltage System Interlock Circuit-

NAME	VALUE	UNITS
Key Position	Ign_Lock	
Key in Ignition	Key_Def	
HCP Contactor Command	Closed	

EPT -WakeUp	Sourced	
Qualified Contactor Command - QCC	Closed	
Verified Contactor Command - VCC	Closed Restricted	
Plug in Status	Not plugged in	
Contactor Status	Closed	
Balance Mode	False	
ChargingLevel	Plug in, but no charge	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status -Vehicle	PASS	
HVIL Status - Battery pack	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Overcurrent	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
Key - DriveRdy (CAN)	True	
Battery Cell Highest Cell number	81	
Battery Cell Lowest Cell number	57	
Battery Temperature Highest Sensor number	10	
Battery Temperature Lowest Sensor number	07	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM Sec Asic Fault Input	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 CC Path Test Req	Undetermined	
BPCM Sec HW Timer Status	Not active	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec Contactor State	Close	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	NOTASSERTED	
DTC	1A E2 00	
Real Time Clock Validity	True	
Test Failed	False	

Pending DTC	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
DTC Extended Data Record Number - 2	6C	
Frequency Counter	1	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails)	11	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
Battery Total Time Awake	18784642	seconds
Vehicle mileage at time of fault (ODO signal in \$3D2)	6008.96	miles
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Lifetime Miles	0.00	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	12.727	Volts
Battery Lifetime AmpHrs of DisCharge	4549.8	AHr
SOC at time of Fault	22.4	%
Power Up SOC at time of Fault	22.4	%
Battery Lifetime AmpHrs of Charge	4557.9	AHr
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM peak voltage Sourced - Vehicle	11.783	Volts
HVIL Source Voltage- Battery	7.260	Volts
HVIL PWM peak voltage Sensed - Vehicle	7.204	Volts
HVIL Returned current - Battery	0.10	mA
HV Battery Current Sensor 1 Hall High	-2.75	Amps
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	36	°F
BPCM temperature max	45	°F
BPCM temperature min	43	°F
Isolation Circuitry Va	2.497	Volts
Isolation Circuitry Vb	2.501	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	5.019	Volts
WC and CircuitryISO 8V Reference Voltage	7.956	Volts

WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	0.0	Volts
Cycles left to self heal	40	No Unit
HV Battery Charge Power 10sec	78303	watts
HV Battery Charge Power 2sec	89598	watts
HV Battery Discharge Power 2sec	77106	watts
HV Battery Discharge Power 10sec	68310	watts
Battery Lifetime Number Of Closes	1855	
HV Battery Power	007530	watts
Battery Full AmpHr Capacity	48	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	3549	mV
Battery Cell Voltage Average	3543	mV
Battery Cell Voltage Minimum	3539	mV
HV Battery Voltage (cell sum)	340.10	Volts
HV Battery Voltage (Module Sum)	339.70	Volts
HV Sensor A Pack Voltage	340.10	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	340.10	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	340.10	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	0.0	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	340.10	Volts
Battery Temperature Minimum Module	43	°F
Battery Temperature Maximum Module	45	°F
Battery Temperature Average Module	43	°F
HV Cooling Battery coolant inlet temp	41	°F
HV Cooling Battery coolant outlet temp	41	°F
HV Cooling OBCM temp inlet Temp	37	°F
Isolation Vehicle Impedance	8.0862	Mega Ohms
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	0.4	%
HV Bat SOH-C	91.8	%
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	7.5	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	0	
Original Odometer Value	6005	miles
Most Recent Odometer Value	6005	miles

HCP | P1444-00 | Stored | Power Inverter Module - Incorrect Control Mode-

NAME	VALUE	UNITS
DTC	14 44 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	
Brake Switch Status	Not Applied	
Ignition State	Ignition Lock	
Propulsion System Active	False	
PRND Position Display	P	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
APM Status	Off	
HV Contactor Status	Closed	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Enable Inverters	
PHEV Charging Status	No Charging	
Original Odometer Value	6009.0	miles
Most Recent Odometer Value	6009.0	miles
Frequency Counter	3	
Ignition Cycle Counter	0	
Real time clock	20103870	sec
RAM stamps keyOn	15	sec
RAM Stamps	75561	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	22	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	66	°F
Motor B Temp Sensor	64	°F
Engine Coolant Temperature	66	°F
Barometric Pressure	15	PSI
Internal EPS Voltage Sense B	8.136	Volts
Internal EPS Voltage Sense A	8.208	Volts
Motor A Torque	0.000	Ft-Lbs

Actual Torque - Motor A	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase C	-4	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	52	AMP
Motor B - Inverter Current - phase A	-56	AMP
Motor B Resolver Angle	202	Degree
Motor B - Inverter Current - phase B	0	AMP
Electric Motor A Speed	16383.5	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	346	Volts
HV Battery Voltage from BPCM	343.90	Volts
PIM DC Link Voltage - B	342	Volts
Motor A Resolver Angle	Invalid Value	Degree
Outside Air Temperature	77.9	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	12.240	Volts
Battery Feed Voltage 3 Sense	12.168	Volts
Inverter A IGBT Temperature for phase A	70	°F
Battery Feed Voltage 2 Sense	12.168	Volts
Inverter A IGBT Temperature for phase C	70	°F
Inverter A IGBT Temperature for phase B	70	°F
Inverter B IGBT Temperature for phase A	70	°F
Inverter B IGBT Temperature for phase B	70	°F
GPS Date - Year	0	Year
Inverter B IGBT Temperature for phase C	68	°F
Distance Travelled with Light ON	0	miles
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

HCP | P06B1-00 | Active | Sensor Power Supply 1 Circuit Low-

NAME	VALUE	UNITS
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DTC	06 B1 00	
Test Failed	True	
Pending DTC	True	
Test Failed This Operation Cycle	True	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Occurrence flag	Occurrence	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
PHEV Charging Status	No Charging	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
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	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
CBC Wake-Up Input	Off	
APM Status	Idle	
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	6009.0	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Most Recent Odometer Value	6009.0	miles
RAM stamps keyOn	135	sec
RAM Stamps	75549	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
Real time clock	18784140	sec
HV Battery SOC	22	%
Motor B Temp Sensor	46	°F
Barometric Pressure	15	PSI
Vehicle Speed	0.0000	MPH

Motor A Temp Sensor	48	°F
Engine Coolant Temperature	45	°F
Motor A Resolver Angle Offset	2.40	Degree
Motor B Resolver Angle Offset	4.40	Degree
Motor A Resolver Supply Voltage Value	03FD	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	10.800	Volts
Internal EPS Voltage Sense A	0.000	Volts
Internal EPS Voltage Sense B	0.000	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Electric Motor A Speed	0.0	rpm
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Electric Motor B Speed	0.0	rpm
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Battery Feed Voltage 1 Sense	10.800	Volts
Battery Feed Voltage 3 Sense	10.800	Volts
Motor A - Inverter Current - phase A	-4	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
Outside Air Temperature	55.4	°F
Motor B - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
HV Battery Voltage from BPCM	180.00	Volts
Inverter A IGBT Temperature for phase A	52	°F
PIM DC Link Voltage - A	7	Volts
Inverter A IGBT Temperature for phase C	52	°F
PIM DC Link Voltage - B	6	Volts
Inverter A IGBT Temperature for phase B	52	°F
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase B	52	°F
Inverter B IGBT Temperature for phase C	52	°F
Inverter B IGBT Temperature for phase A	52	°F
HV Battery Sleep Time	0	Days
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
GPS Date - Month	1	
GPS Date - Day	1	Days
GPS Date - Year	0	Year

UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

HCP | P079B-00 | Active | Transmission Friction Element 2 Slip Detected-

NAME	VALUE	UNITS
DTC	07 9B 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
Propulsion System Active	False	
PRND Position Display	P	
CBC Wake-Up Input	Off	
HCP ePT Wake-Up Output	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
APM Status	Idle	
HV Contactor Status	Open	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	6009.0	miles
Original Odometer Value	6009.0	miles
Frequency Counter	1	
Real time clock	18784140	sec
Ignition Cycle Counter	0	
RAM Stamps	75549	Min
RAM stamps keyOn	135	sec
Accelerator Pedal Position	0	%
HV Battery SOC	22	%
Engine Speed	0	rpm

Motor A Temp Sensor	48	°F
Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	46	°F
Engine Coolant Temperature	45	°F
Internal EPS Voltage Sense A	0.000	Volts
Barometric Pressure	15	PSI
Internal EPS Voltage Sense B	0.000	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.092	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-0.092	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor A Resolver Angle	238	Degree
Motor B Resolver Angle	232	Degree
Electric Motor B Speed	0.0	rpm
Electric Motor A Speed	0.0	rpm
PIM DC Link Voltage - A	7	Volts
PIM DC Link Voltage - B	6	Volts
HV Battery Voltage from BPCM	180.00	Volts
Outside Air Temperature	55.4	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	10.800	Volts
Battery Feed Voltage 2 Sense	10.800	Volts
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Battery Feed Voltage 3 Sense	10.800	Volts
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase C	32	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Day	1	Days

GPS Date - Month	1	
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P0A0A-00 | Stored | High Voltage System Interlock Circuit "A"-

NAME	VALUE	UNITS
DTC	0A 0A 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Ignition Lock	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Enable Inverters	
PHEV Charging Status	No Charging	
Original Odometer Value	6009.0	miles
Most Recent Odometer Value	6009.0	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	18784642	sec
RAM stamps keyOn	210	sec
Accelerator Pedal Position	0	%
RAM Stamps	75552	Min
Engine Speed	0	rpm

HV Battery SOC	22	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	45	°F
Motor B Temp Sensor	43	°F
Barometric Pressure	15	PSI
Internal EPS Voltage Sense A	8.208	Volts
Engine Coolant Temperature	39	°F
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Internal EPS Voltage Sense B	8.136	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B Resolver Angle	232	Degree
Motor B - Inverter Current - phase C	0	AMP
Electric Motor A Speed	15431.5	rpm
Motor A Resolver Angle	Invalid Value	Degree
PIM DC Link Voltage - A	346	Volts
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - B	342	Volts
Outside Air Temperature	37.4	°F
HV Battery Voltage from BPCM	343.90	Volts
HV Battery Sleep Time	0	Days
Battery Feed Voltage 2 Sense	12.528	Volts
Battery Feed Voltage 3 Sense	12.528	Volts
Inverter A IGBT Temperature for phase A	41	°F
Battery Feed Voltage 1 Sense	12.528	Volts
Inverter A IGBT Temperature for phase B	41	°F
Inverter A IGBT Temperature for phase C	41	°F
Inverter B IGBT Temperature for phase A	41	°F
Inverter B IGBT Temperature for phase C	41	°F
Inverter B IGBT Temperature for phase B	41	°F
Distance Travelled with Light ON	0	miles
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

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

NAME	VALUE	UNITS
DTC	0A 3F 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Warning Indicator Requested	True	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
Propulsion System Active	False	
PRND Position Display	P	
Motor A Resolver Offset Learn Erase	not requested	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
CBC Wake-Up Input	Off	
Impact Event	False	
APM Status	Idle	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	6009.0	miles
Most Recent Odometer Value	6009.0	miles
Ignition Cycle Counter	0	
Real time clock	18784140	sec

Frequency Counter	1	
RAM stamps keyOn	135	sec
Accelerator Pedal Position	0	%
RAM Stamps	75549	Min
Engine Speed	0	rpm
HV Battery SOC	22	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	48	°F
Motor B Temp Sensor	46	°F
Engine Coolant Temperature	45	°F
Barometric Pressure	15	PSI
Motor A Resolver Angle Offset	2.40	Degree
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver Supply Voltage Value	03FD	Volts
Motor B Resolver Angle Offset	4.40	Degree
Battery Feed Voltage 2 Sense	10.800	Volts
Internal EPS Voltage Sense B	0.000	Volts
Internal EPS Voltage Sense A	0.000	Volts
Available Motor Torque - Motor A	0.369	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-0.369	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Electric Motor A Speed	0.0	rpm
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor B Speed	0.0	rpm
Battery Feed Voltage 1 Sense	10.800	Volts
Battery Feed Voltage 3 Sense	10.800	Volts
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase A	0	AMP
Outside Air Temperature	55.4	°F
Motor B - Inverter Current - phase C	-4	AMP
HV Battery Voltage from BPCM	180.00	Volts
Motor B - Inverter Current - phase B	-4	AMP
PIM DC Link Voltage - A	7	Volts
Inverter A IGBT Temperature for phase B	52	°F
Inverter A IGBT Temperature for phase A	52	°F
PIM DC Link Voltage - B	5	Volts
Inverter A IGBT Temperature for phase C	52	°F
Inverter B IGBT Temperature for phase A	52	°F

Inverter B IGBT Temperature for phase B	52	°F
Motor B Torque	0.000	Ft-Lbs
Inverter B IGBT Temperature for phase C	54	°F
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
GPS Date - Year	0	Year
HV Battery Sleep Time	0	Days
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
UTC Time - Hours	0	Hours
ECU Time - Milliseconds	0	ms

HCP | P0A44-00 | Active | Drive Motor A Position Sensor 1 Circuit Overspeed-

NAME	VALUE	UNITS
DTC	0A 44 00	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Test Failed	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Confirmed DTC	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag		
Brake Switch Status		
PHEV Charging Status		
Propulsion System Active		
Ignition State		
PRND Position Display		
Motor A Resolver Offset Learn Erase		
Motor A Resolver Offset Learning Status Flag		
Motor B Resolver Offset Learning Status Flag		
Motor A Resolver to Digital Low Level Driver Faults		
Motor B Resolver to Digital Low Level Driver Faults		
Hybrid System State		
EPT LOC Diag Enable		
HCP ePT Wake-Up Output		
HV Contactor Status		
CBC Wake-Up Input		
HCP System Shutdown Command		
Impact Event		
APM Status		

OBCM Operating Mode

Motor B Resolver Offset Learn Erase		
J1772 Prox Detected State		
Most Recent Odometer Value		miles
Original Odometer Value		miles
Frequency Counter		
Real time clock		sec
RAM Stamps		Min
Ignition Cycle Counter		
RAM stamps keyOn		sec
Accelerator Pedal Position		%
HV Battery SOC		%
Engine Speed		rpm
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Vehicle Speed		MPH
Motor A Resolver Angle Offset		Degree
Barometric Pressure		PSI
Motor B Resolver Angle Offset		Degree
Engine Coolant Temperature		°F
Motor B Resolver Supply Voltage Value		Volts
Motor A Resolver Supply Voltage Value		Volts
Battery Feed Voltage 2 Sense		Volts
Actual Torque - Motor B		Ft-Lbs
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Actual Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Electric Motor B Speed		rpm
Commanded Torque - Motor A		Ft-Lbs
Electric Motor A Speed		rpm
Battery Feed Voltage 1 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase C		AMP
Outside Air Temperature		°F

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

HCP | POAFA-00 | Pending | Hybrid/EV Battery System Voltage Low-

NAME	VALUE	UNITS
DTC	0A FA 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Confirmed DTC	False	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag		
Brake Switch Status		
Ignition State		
PRND Position Display		
Propulsion System Active		
CBC Wake-Up Input		
HCP ePT Wake-Up Output		
HCP System Shutdown Command		
SW Build Release Version		
HCP SW Version		
HV Contactor Status		
EPT LOC Diag Enable		

Impact Event		
APM Status		
OBCM Operating Mode		
J1772 Prox Detected State		
Hybrid System State		
PHEV Charging Status		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Ignition Cycle Counter		
Frequency Counter		
RAM Stamps		Min
Real time clock		sec
RAM stamps keyOn		sec
Accelerator Pedal Position		%
Engine Speed		rpm
HV Battery SOC		%
Motor A Temp Sensor		°F
Vehicle Speed		MPH
Motor B Temp Sensor		°F
Engine Coolant Temperature		°F
Barometric Pressure		PSI
Internal EPS Voltage Sense B		Volts
Motor A Torque		Ft-Lbs
Internal EPS Voltage Sense A		Volts
Motor B Torque		Ft-Lbs
Actual Torque - Motor A		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase B		AMP
Motor B Resolver Angle		Degree
Motor A Resolver Angle		Degree
Electric Motor B Speed		rpm
Electric Motor A Speed		rpm
PIM DC Link Voltage - A		Volts

PIM DC Link Voltage - B		Volts
Outside Air Temperature		°F
HV Battery Voltage from BPCM		Volts
HV Battery Sleep Time		Days
Battery Feed Voltage 2 Sense		Volts
Battery Feed Voltage 1 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Inverter A IGBT Temperature for phase B		°F
Inverter A IGBT Temperature for phase A		°F
Inverter A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase C		°F
Distance Travelled with Light ON		miles
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
UTC Time - Seconds		seconds
ECU Time - Milliseconds		ms

HCP | P0C19-00 | Active | Drive Motor A Torque Delivered Performance-

NAME	VALUE	UNITS
Test Failed	True	
DTC	0C 19 00	
Test Failed This Operation Cycle	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Pending DTC	True	
Test Failed Since Last Clear	True	
Occurrence flag	Occurrence	
Warning Indicator Requested	True	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Test Not Completed This Operation Cycle	False	
Propulsion System Active	False	
PRND Position Display	P	
Ignition State	Reserved	
Motor A Phase U Short Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - High-Side	False	
Motor A Phase U SPI Error Fault - High-Side	False	

Motor A Phase U Thermal Shutdown Fault - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - Low-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - Low-Side	False	
Motor A Phase U Over Current Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - Low-Side	False	
Motor A Phase U Hardware Error Fault - Low-Side	False	
Motor A Phase U Hardware Error Fault - High-Side	False	
Motor A Phase U Thermal Shutdown Fault - Low-Side	False	
Motor A Phase V Cross Conduction Fault - High-Side	False	
Motor A Phase V Short Fault - High-Side	False	
Motor A Phase V Over Current Fault - High-Side	False	
Motor A Phase V Thermal Warning Fault - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase U Short Fault - Low-Side	False	
Motor A Phase V Thermal Shutdown Fault - High-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase V SPI Error Fault - High-Side	False	
Motor A Phase V Over Current Fault - Low-Side	False	
Motor A Phase V Short Fault - Low-Side	False	
Motor A Phase V Hardware Error Fault - High-Side	False	
Motor A Phase V SPI Error Fault - Low-Side	False	
Motor A Phase V Thermal Warning Fault - Low-Side	False	
Motor A Phase W Over Current Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - Low-Side	False	
Motor A Phase V Hardware Error Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase W Thermal Warning Fault - High-Side	False	
Motor A Phase W Hardware Error Fault - High-Side	False	
Motor A Phase W Thermal Shutdown Fault - High-Side	False	
Motor A Phase W Short Fault - Low-Side	False	
Motor A Phase W Short Fault - High-Side	False	
Motor A Phase W SPI Error Fault - High-Side	False	
Motor A Phase W Over Current Fault - Low-Side	False	
Motor A Phase W Thermal Warning Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Thermal Shutdown Fault - Low-Side	False	
Motor A Phase W SPI Error Fault - Low-Side	False	
Hybrid System State	SNA	
Motor A Phase W Hardware Error Fault - Low-Side	False	
HV Contactor Status	Open	

Inverter B Status Feedback	Normal OFF	
EPT LOC Diag Enable	Enable LOC Diagnostic	
CBC Wake-Up Input	Off	
HCP ePT Wake-Up Output	On	
Impact Event	False	
APM Status	Idle	
J1772 Prox Detected State	Prox Out	
HCP System Shutdown Command	Default	
Commanded Inverter A State	Inverter Disabled	
OBCM Operating Mode	UTC	
Motor A Phase U Under Voltage Fault VH - High-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
Motor A Phase U Under Voltage Fault VH - Low-Side	False	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Inverter Status Feedback	Inverter Faulted	
Motor A Phase U Over Voltage Fault VDD - Low-Side	False	
Motor A Phase U Under Voltage Fault VDD - Low-Side	False	
Motor A Phase U Under Voltage Fault VL - High-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Over Voltage Fault VH - High-Side	False	
Motor A Phase U Over Voltage Fault VDD - High-Side	False	
Motor A Phase U Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Under Voltage Fault VH - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase U Under Voltage Fault VDD - High-Side	False	
Motor A Phase V Over Voltage Fault VL - High-Side	False	
Motor A Phase U Over Voltage Fault VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VDD - High-Side	False	
Motor A Phase V Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - Low-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase U Under Voltage Fault VL - Low-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Under Voltage Fault VL - High-Side	False	
Motor A Phase V Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase V Over Voltage Fault VDD - High-SideSide	False	
Motor A Phase V Under Voltage Fault VDD - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase W Under Voltage Fault VL - High-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase W Under Voltage Fault VDD - High-Side	False	

Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Under Voltage Fault VH - High-Side	False	
Motor A Phase W Over Voltage Fault VDD - High-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Inverter A Status Feedback	Inverter Faulted	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Real time clock	18784140	sec
Frequency Counter	1	
RAM Stamps	75549	Min
Accelerator Pedal Position	0	%
Original Odometer Value	6009.0	miles
Ignition Cycle Counter	0	
Most Recent Odometer Value	6009.0	miles
Barometric Pressure	15	PSI
Inverter A Input DC Current	0.0	AMP
Electric Motor A Speed	0.0	rpm
RAM stamps keyOn	135	sec
Available Motor Torque - Motor A	1.291	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Actual Torque - Motor A	0.000	Ft-Lbs
Engine Speed	0	rpm
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Battery Feed Voltage 3 Sense	10.800	Volts
HV Battery SOC	22	%
Engine Coolant Temperature	45	°F
Internal EPS Voltage Sense B	0.000	Volts
Motor A Resolver Supply Voltage Value	03FD	Volts
Internal EPS Voltage Sense A	0.000	Volts
Low Temp Active Pump Speed	0	rpm
High Temp Aux Pump - Actual Speed	0	rpm
PIM DC Link Voltage - A	7	Volts
Passive Pump Coolant Temp In Sensor	54	°F
PIM DC Link Voltage - B	6	Volts
Battery Feed Voltage 2 Sense	10.800	Volts
Outside Air Temperature	55.4	°F
Vehicle Speed	0.0000	MPH
Available Regen Torque - Motor A	-1.291	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs

Actual Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase B	-4	AMP
Motor B Temp Sensor	46	°F
Commanded Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Battery Feed Voltage 1 Sense	10.800	Volts
Motor B - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
HV Battery Voltage from BPCM	180.00	Volts
Inverter A IGBT Temperature for phase A	52	°F
Electric Motor B Speed	0.0	rpm
Distance Travelled with Light ON	0	miles
Motor B Resolver Angle	232	Degree
Inverter B IGBT Temperature for phase A	52	°F
Inverter B IGBT Temperature for phase C	52	°F
Commanded Torque - Motor A	0.000	Ft-Lbs
Inverter A IGBT Temperature for phase C	52	°F
Inverter A IGBT Temperature for phase B	52	°F
Inverter B IGBT Temperature for phase B	52	°F
Motor A Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
GPS Date - Year	0	Year
Motor B Torque	0.000	Ft-Lbs
UTC Time - Minutes	0	
GPS Date - Month	1	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P1A21-00 | Stored | HV Battery Contactor Control Sequence Incorrect-

NAME	VALUE	UNITS
Test Failed	False	
DTC	1A 21 00	
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	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Ignition Lock	

Propulsion System Active	False	
PRND Position Display	P	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Enable Inverters	
PHEV Charging Status	No Charging	
Original Odometer Value	6009.0	miles
Most Recent Odometer Value	6009.0	miles
Ignition Cycle Counter	0	
Frequency Counter	1	
Real time clock	18784656	sec
RAM Stamps	75552	Min
RAM stamps keyOn	210	sec
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH
HV Battery SOC	22	%
Motor A Temp Sensor	45	°F
Motor B Temp Sensor	43	°F
Barometric Pressure	15	PSI
Internal EPS Voltage Sense A	8.208	Volts
Motor A Torque	0.000	Ft-Lbs
Internal EPS Voltage Sense B	8.136	Volts
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Engine Coolant Temperature	39	°F
Available Regen Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase A	0	AMP

Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	232	Degree
Motor A Resolver Angle	Invalid Value	Degree
PIM DC Link Voltage - A	172	Volts
Electric Motor A Speed	15431.5	rpm
Electric Motor B Speed	0.0	rpm
HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - B	169	Volts
Outside Air Temperature	37.4	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	12.528	Volts
Battery Feed Voltage 2 Sense	12.528	Volts
Inverter A IGBT Temperature for phase A	41	°F
Battery Feed Voltage 3 Sense	12.528	Volts
Inverter A IGBT Temperature for phase C	41	°F
Inverter A IGBT Temperature for phase B	41	°F
Inverter B IGBT Temperature for phase A	41	°F
Inverter B IGBT Temperature for phase B	39	°F
Inverter B IGBT Temperature for phase C	41	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
UTC Time - Hours	0	Hours
GPS Date - Day	1	Days
ECU Time - Milliseconds	0	ms
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	
Frequency Counter	1	

Ignition Cycle Counter	7	
Original Odometer Value	6005	miles
Most Recent Odometer Value	6005	miles

CVPM | B22A9-00 | Stored | ECU Internal Performance-

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
DTC	A2 A9 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
ECU Failure – Video Subsystem Error	On	
ECU Failure – Watchdog Error	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Calibration Failure - Calibration not Executed	Off	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Rear Right Door Ajar	Inactive	
Rear Left Door Ajar	Inactive	
Driver Door Ajar	Inactive	
Ignition Status	Ignition Status: Running	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Passenger Door Ajar	Inactive	
Touch Screen Y Coordinate	0000	
Reverse Gear	Inactive	
Radio Display Status	Display Status: Off	
Touch Screen X Coordinate	0000	
Ignition Cycle Counter	7	
Frequency Counter	1	
DTC Extended Data Record Number 2	2	
Most Recent Odometer Value	6005	miles
Original Odometer Value	6005	miles
Battery Voltage	12.2	V
Vehicle Speed	0.000000	MPH
Steering Wheel Angle	26.5	Deg

SNAPSHOT DATA SUMMARY

No Snapshot Data available for U0594-00

No Snapshot Data available for P1C8B-16

No Snapshot Data available for B222D-00

No Snapshot Data available for B2199-16

No Snapshot Data available for B1612-00

No Snapshot Data available for U0002-00

No Snapshot Data available for C2129-16

No Snapshot Data available for U0002-00

No Snapshot Data available for U0002-00

No Snapshot Data available for C008E 00

No Snapshot Data available for P1A21-00

No Snapshot Data available for P0B37-00

No Snapshot Data available for P0ABB-00

No Snapshot Data available for P0A0A-00

No Snapshot Data available for P1AE2-00

No Snapshot Data available for P1444-00

No Snapshot Data available for P06B1-00

No Snapshot Data available for P079B-00

No Snapshot Data available for P0A0A-00

No Snapshot Data available for P0A3F-00

No Snapshot Data available for P0A44-00

No Snapshot Data available for P0AFA-00

No Snapshot Data available for P0C19-00

No Snapshot Data available for P1A21-00

No Snapshot Data available for B222D-00

No Snapshot Data available for B22A9-00



CONFIGURATION REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1N75 [REDACTED]

Odometer 6009.0 miles
Publication Date Apr 21, 2021, 7:33:38 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT		ORIGINAL		PART #
PCM	Powertrain Control Module	CAN-C	68444228AE	2C4RC1N		2C4RC1N		68444228AE
ICS	Integrated Center Stack	CAN-I	6UX621X8AA	2C4RC1N		2C4RC1N		6UX621X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB	2C4RC1N		2C4RC1N		68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1N		2C4RC1N		68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD	2C4RC1N		2C4RC1N		68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1N		2C4RC1N		68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC	2C4RC1N		2C4RC1N		68447893AC
DDM	Driver Door Module	CAN-I	68424449AC	2C4RC1N		2C4RC1N		68424449AC
PDM	Passenger Door Module	CAN-I	68424448AC	2C4RC1N		2C4RC1N		68424448AC
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N		2C4RC1N		68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N		2C4RC1N		68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1N		2C4RC1N		68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1N		2C4RC1N		68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N		2C4RC1N		68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N		2C4RC1N		68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434912AC	2C4RC1N		2C4RC1N		68434912AC
AMP	Amplifier	CAN-I	68448067AA	2C4RC1N		2C4RC1N		68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434956AC	2C4RC1N		2C4RC1N		68434956AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N		2C4RC1N		68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1N		2C4RC1N		68360889AD
BCM	Body Controller	CAN-C	68424601AE	2C4RC1N		2C4RC1N		68424601AE

ACC	Adaptive Cruise Control	CAN-C	68417813AF	2C4RC1N7	2C4RC1N7	68417813AF
RADIO	Radio	CAN-I	68461768AD	2C4RC1	2C4RC1N7	68461768AD
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N7	2C4RC1N7	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N7	2C4RC1N7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N7	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1N7	2C4RC1N7	68493395AA
EDM	External Disc Module	CAN-I	68378304AB	2C4RC1N7	2C4RC1N7	68378304AB
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N7	2C4RC1N7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1N7	2C4RC1N7	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190265AF	2C4RC1N7	2C4RC1N7	05190265AF
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1N7	2C4RC1N7	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N7	2C4RC1N7	68321862AC
DSM	Display Screen Module	CAN-I	68316174AC	2C4RC1N7	2C4RC1N7	68316174AC
VRM	Video Routing Module	CAN-I	68376134AG	2C4RC1N7	2C4RC1N7	68376134AG
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1N7	2C4RC1N7	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N7	2C4RC1N7	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N7	2C4RC1N7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190266AF	2C4RC1N7	2C4RC1N7	05190266AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1N7	2C4RC1N7	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1N7	2C4RC1N7	68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		2C4RC1N7	68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	31D751B0
ICS	USA	0F 0C 00	12 25 00	4700	
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	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
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	
ACC	USA / USA	14 12 01	14 1D 01	4400	
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	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
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	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	13 29 00	12 23 00	4000	
VRM	USA / USA	0F 1C 00	13 26 11	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 32 01	12 33 00	4003	
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	

CONFIGURATION

PCM CONFIGURATION

NAME	VALUE	UNITS
Secondary Mass Airflow Sensor Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	

Electronic Parking Brake Equipped	True	
Active Exhaust Valve(s) Equipped	False	
High Side Port Tumble Valve Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Heater Temp Control Valve Equipped	False	
Mechanical Coolant Pump Equipped	False	
Wastegate HBridge Equipped	False	
2.0 Liter I4 Direct Injection Engine	False	
Coolant On-Off Pump Equipped	Not Equipped	
1.0 Liter I3 Engine	False	
Primary Lin Alternator Equipped	Not Equipped	
Variable Valve Lift Equipped	Not Equipped	
Remote Start Present	Present	
Dual Fuel Tank Equipped	False	
Auxillary Coolant Pump Equipped	False	
Cooled EGR Equipped	False	
Dual Alternator Gen1 Capable	False	
A/C Relay Powered from Engine Switched Battery	False	
Supercharger Equipped	False	
Low Temp Radiator Coolant Pump Equipped	False	
PTO System Equipped	False	
CNG Large Gas Tank Equipped	False	
HPT 6-Speed Trans Equipped	False	
Hybrid MEC Shifter Equipped	False	
Engine Idle Shutoff Equipped	False	
ZF 9-Speed Trans Equipped	False	
MDS Equipped	False	
Variable Speed Fuel Pump Equipped	True	
ERS Equipped Indicator	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
GPEC2 Equipped	False	
ESIM Equipped	False	
Intake Cam 2 Equipped	True	
Engine Stop Start Equipped	False	
Trans Skip Shift Equipped	False	
VFS Actuators Available Indicator	False	
Transmission Oil Heater Equipped	False	
Secondary Air Equipped	False	
3.5 Liter V6 Engine	False	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
PWM Fan Motor System Equipped	True	
1 Speed Fan Mechanical Relay System Equipped	False	
Vehicle Speed Sensor #1 Calculated from CAN	False	
4.0 Liter I6 Engine	False	

6.1 Liter V8 Engine	False	
Active Engine Mount Equipped	False	
Primary Lin Alternator Equipped	False	
Auxiliary Heater Electric Water Pump Equipped	False	
Sensorless FFV Enabled	False	
Throttle Inlet Temp Sensor Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
WI4 Intake Flow Control Valve Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	False	
2.7 Liter V6 Engine	False	
GPEC2A Equipped	True	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Active Grille Shutter Equipped	False	
Cooled EGR Equipped	False	
GPEC4 Equipped	False	
Unleaded diesel fuel	False	
PTO System Equipped	False	
Supercharger Equipped	False	
WI4 Variable Valve Timing Equipped	True	
Oil Pressure Sensor Enabled	True	
Low Temperature Radiator Coolant Pump Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
Fiat VIN Learning Strategy Equipped	False	
ICC Cruise Equipped	False	
Starter Relay 2 Equipped	False	
ZF 9-Speed Transmission Equipped	False	
Next Gen Bus Equipped	False	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
3.0 Liter V6 Engine	False	
3.6 Liter V6 Engine	True	
Mechanical Coolant Pump Heater Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
VMM Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Exhaust Cam 1 Equipped	True	
Trans Reverse Lockout Equipped	False	
Fan Wake Up Relay System Equipped	False	
66RFE / 68RFE	False	
Wastegate H-Bridge Equipped	Undefined	
Brake Pedal Sensor Equipped	False	
Viscosity Sensor Equipped	False	
Coolant On-Off Pump Equipped	False	
AC Equipped	False	

6.4 Liter V8 Engine	False	
Secondary Fuel Pump Equipped	False	
3.7 Liter V6 Engine	False	
Linear PWM Fan Relay System Equipped	False	
CMCV H-Bridge Equipped	Undefined	
Operator Idle Speed Request Equipped	False	
Tumble Generator Valve Equipped	False	
Electric Thermostat Heater Equipped	False	
CUSW PROXI Write Programming Support Enabled	False	
Electronic Throttle Control Equipped	True	
VLP Is Learnable Indicator	False	
AC Equipped Over Bus	False	
2.0 Liter W14 engine	False	
1.0 Liter I3 Engine	False	
Electric Coolant Valve Equipped	False	
Engine Software In Package	True	
Adaptive Cruise Control Hardware Equipped	False	
Duty Cycle Purge Valve Equipped	True	
GPEC3 Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
40TE / 41TE / 41TEA	False	
45RFE / 545RFE / 65RFE	False	
Coolant On-Off Valve Equipped	False	
Turbocharger Equipped	False	
EMAT (Getrag DCT transmission) Equipped	False	
Adaptive Cruise Control Equipped	True	
Dual Stage Oil Pump Equipped	True	
2.4 Liter W14 engine	False	
Power Steering Switch Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
Police Package Equipped	False	
3 Speed Fan Mechanical Relay System Equipped	False	
Engine Idle Shutoff Equipped	False	
Fixed displacement AC Equipped	True	
Clutch Interlock Switch Equipped	False	
Intake Cam 1 Equipped	True	
3.8 Liter V6 Engine	False	
Electronic Coolant Pump Equipped	False	
TIP Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
4 Speed Automatic Transmission Equipped	False	
Variable Displacement AC Equipped	False	
Active Exhaust Valve Equipped	False	
Exhaust Cam 2 Equipped	True	

Turbine Volute Valve Actuator Equipped	Undefined	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Constant Heater Temperature Control Valve Equipped	False	
Continuous Variable Transmission Equipped	False	
3.3 Liter V6 Engine	False	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
Electric Water Pump Equipped	False	
1.8 Liter W4 engine	False	
4.7 Liter V8 Engine	False	
Compressed Natural Gas Equipped	False	
3.2 Liter V6 Engine	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
SRV Equipped	False	
62TE	False	
Battery Temp Sensor Equipped	False	
HPT 6-Speed Transmission Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
CUSW (29-Bit) Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Dual Speed Fuel Pump Equipped	False	
CUSW (11-Bit) Equipped	False	
Shift Indicator Lamp Equipped	False	
VLP Equipped Indicator	False	
2 Speed Fan PWM Relay System Equipped	False	
4 Button Integrated Cruise Control	False	
Direct Injection Equipped	False	
Electronic Vacuum Pump Equipped	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
Hybrid Electric Vehicle Equipped	True	
6.2 Liter V8 Engine	False	
5.7 Liter V8 Engine	False	
Wide Range O2 Sensor 2/1 Equipped	False	
Cummins Equipped	False	
Fiat 940 Compact Equipped	False	
A/C Equipped	False	
Knock Sensor 1 Equipped	True	
Yaw Rate Sensor ESC Equipped	False	
Unleaded Gasoline Fuel	True	
Port Flap Valve Equipped	False	
Barometric Sensor Equipped	False	
Auxiliary Coolant Pump Equipped	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
42RLE	False	

MTV Solenoid Equipped	False	
Rear Heater Equipped	False	
Transmission Software Included	False	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
ETC Cruise equipped	False	
Dual Fuel Tank Equipped	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
MultiAir Equipped	False	
Linear EGR Equipped	False	
Powernet Equipped	True	
Linear Purge Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
2 Speed Fan Mechanical Relay System Equipped	False	
Knock Sensor 2 Equipped	True	
Engine Oil Heater Cooler Equipped	True	
Bi-Directional Crank Sensor Equipped	True	
Dual Fuel Pressure Sensor Equipped	False	
CUSW 4-Button Cruise Equipped	False	
Make Up Air Sensor Equipped	False	
Cylinder Pressure Sensor Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
5 Button Cruise (LIN) Equipped	True	
Brake Pedal Sensor Equipped	False	
Power Steering Angle Sensor Mandatory	False	
INTAKE O2 SENSOR EQUIPPED	False	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Operator Idle Speed Request Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
Clutch Sensor Equipped	False	
Mass Airflow System Equipped	False	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
Hardware Configuration: Trunk Door Handle H/W	Simple Switch AP	
Hardware Configuration: Remote Start Antenna	Present	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	

Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Valid Key In Ignition	Yes	
Fob Location #3 Successfully Programmed	Yes	
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 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	True	
Ignition system type connected	KIN system	
RKE	True	
Remote Start Present	True	
\$0214 Programmed by	Programmed by Supplier EOL	
TPM Auto-Locate Enabled	True	
Keyless Go	True	
Passive Entry	True	
Hybrid Type	PHEV	
Module Configuration Status	True	
Premium TPM	True	
Back Up ECU Configuration 16	True	
Back Up ECU Configuration 14	True	
Back Up ECU Configuration 7	True	
Back Up Vehicle Config 1	True	
Back Up ECU Configuration 10	True	

Back Up ECU Configuration 11	True	
Back Up Vehicle Config 4	True	
Back Up Vehicle Config 3	True	
Back Up Customer Settings Menu 1 (CSM1)	True	
Back Up ECU Configuration 2	True	
Back Up ECU Configuration 1	True	
Back Up ECU Configuration 9	True	
Back Up Programmed ECUs: Cabin Network	True	
Back Up Vehicle Config 5	True	
Back Up ECU Configuration 3	True	
Back Up Customer Settings Menu 2 (CSM2)	True	
Back Up Vehicle Config 6	True	
Back Up ECU Configuration 12	True	
Back Up Programmed ECUs: P/T Chassis Network	True	
Back Up ECU Configuration 4	True	
Back Up ECU Configuration 17	True	
Back Up ECU Configuration 8	True	
Back Up ECU Configuration 13	True	
Back Up Vehicle Config 7	True	
Back Up ECU Configuration 5	True	
Back Up Vehicle Config 2	True	
Back Up ECU Configuration 15	True	
Back Up ECU Configuration 6	True	

ORC CONFIGURATION

NAME	VALUE	UNITS
First Row Driver Seatbelt Buckle Switch	Configured	
Driver Seat Track Position Sensor	Configured	
Second Row Left Seat Side Airbag	Not Configured	
Rollover Sensing	Configured	
Passenger Seatbelt Retractor Pretensioner	Configured	
Passenger Seatbelt Anchor Pretensioner	Configured	
Driver Seatbelt Anchor Pretensioner	Configured	
Left Side Seat Squib 1	Configured	
Driver Frontal Squib 3	Configured	
Passenger Seatbelt Load Limiter	Configured	
Passenger Occupant Detection Sensor	Not Configured	
Passenger Seatbelt Buckle Pretensioner	Not Configured	
Second Row Left seat belt Switch	Not Configured	
Left B-Pillar Impact Acceleration Sensor	Configured	
Right Up-Front Acceleration Sensor	Configured	
Configuration Column Identifier	A3	
Passenger Airbag Disable Indicator	Not Configured	
Passenger Frontal Squib 1	Configured	

Driver Frontal Squib 1	Configured	
Passenger Frontal Squib 3	Configured	
Right Side Seat Squib 1	Configured	
Second Row Right seat belt Switch	Not Configured	
Left Up-Front Acceleration Sensor	Configured	
Right Curtain Squib 1	Configured	
Left C-Pillar Impact Acceleration Sensor	Configured	
Passenger Seat Track Position Sensor	Configured	
Driver Knee Bolster Squib	Configured	
Occupant Classification (OCM)	Configured	
Passenger Frontal Squib 2	Configured	
Driver Frontal Squib 4	Not Configured	
Second Row Center seat belt Switch	Not Configured	
Left Curtain Squib 1	Configured	
Right Side Door Pressure Sensor	Configured	
First Row Passenger Seatbelt Buckle Switch	Configured	
Right B-Pillar Impact Acceleration Sensor	Configured	
Left D-Pillar Impact Acceleration Sensor	Configured	
Right D-Pillar Impact Acceleration Sensor	Configured	
Right C-Pillar Impact Acceleration Sensor	Configured	
Driver Seatbelt Load Limiter	Configured	
Driver Seatbelt Retractor Pretensioner	Configured	
Second Row Right Seat Side Airbag	Not Configured	
Passenger Frontal Squib 4	Not Configured	
Passenger Airbag Disable Switch	Not Configured	
Passenger Knee Bolster Squib	Configured	
Driver Frontal Squib 2	Configured	
Left Side Door Pressure Sensor	Configured	
EPPM	Not Configured	
Driver Seatbelt Buckle Pretensioner	Not Configured	

EPS CONFIGURATION

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

HVAC CONFIGURATION

NAME	VALUE	UNITS
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	
HVAC Configuration	Dual Zone ATC + Rear	

PDM CONFIGURATION

NAME	VALUE	UNITS
Frameless Window	False	

PSDML CONFIGURATION

NAME	VALUE	UNITS
VSIM Status	False	

PSDMR CONFIGURATION

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

MSM CONFIGURATION

NAME	VALUE	UNITS
Adjustable Pedals	False	
Telescope/Tilt	False	

CSWM CONFIGURATION

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

AMP CONFIGURATION

NAME	VALUE	UNITS
ANC Status	Off - Door Mute	
Current EQ Checksum	FD 83 65 9E	
Left/Right Hand Drive	Left Hand Drive	
Premium - 3	True	
Premuim - 1 (8 channel)	False	

Premuim - 2 (12 Channel)	False	
Non -ANC	False	
Current ANC Calibration ID - Service	RU PHEV 3.6L: Tripane Sunroof & Harman AMP	
Teen Key Present	False	
Sub-EQ Set Selected	Sub-EQ#2 Selected	
Cabin Equalization Curve Number	53	
Door Module - Right Rear	Present	
Door Module - Left Front	Present	
Door Module - Left Rear	Present	
Door Module - Right Front	Present	
Surround Sound Activated	Set	
ANC Calibration Date - Year	18	
ANC Calibration Date - Week	45	
ANC Calibration Date - Patch Level	2	

IPC CONFIGURATION

NAME	VALUE	UNITS
PHEV	True	
Rear Fog Lamp	False	

PTS CONFIGURATION

NAME	VALUE	UNITS
Front License Plate Configuration	Front Plate Config - USA	
Front System with 6 Rear Sensors	True	
Rear System with 6 Front Sensors	True	

SCCM CONFIGURATION

NAME	VALUE	UNITS
Rear Wiper	True	
Paddle Shifter	False	
Cruise Control / ACC	True	
Tilt Telescope	False	

BCM CONFIGURATION

NAME	VALUE	UNITS
Number of Reprogramming Attempts - Counter #0	0	
Vehicle Configuration Programmed Status	True	
Last Programmed Status	Manufacturing	
ECU Configuration 10	4	
Vehicle Config CSM1	4	
ECU Configuration 11	4	
ECU Configuration 6 (Brake)	4	
ECU Configuration 5 (Wireless)	4	
Programmed ECUs: P/T Chassis Network	4	

ECU Configuration 15 (Suspension)	4	
Programmed ECUs: Hybrid LAN Network	0	
ECU Configuration 8 (LIN and Miscellaneous)	4	
ECU Configuration 9A	4	
Vehicle Configuration 2 - Write Counter	4	
Vehicle Configuration 7 - Write Counter	4	
ECU Configuration 6 (Safety)	4	
ECU Configuration 2 (CBC Features)	4	
Vehicle Configuration 5 - Write Counter	4	
Programmed ECUs: Cabin Network	4	
Vehicle Configuration Auto Write Counter	1	
ECU Configuration 3	4	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	4	
ECU Configuration 12	4	
ECU Configuration 9 (ITM)	4	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	4	
ECU Configuration 14	4	
Vehicle Configuration 6 - Write Counter	4	
ECU Configuration 13	4	
ECU Configuration 5 (Memory)	4	
Vehicle Config CSM2	4	
ECU Configuration 15 (CBC Features)	4	
Programmed Network Configuration - Audio / Telematics Network	0	
Vehicle Configuration 4 - Write Counter	4	
ECU Configuration 6 (Powertrain)	4	
ECU Configuration 6 (Suspension)	4	
ECU Configuration 5 (Doors)	4	
ECU Configuration 4	4	
Vehicle Configuration 3 - Write Counter	4	
Last Configuration Odometer	0	miles
Vehicle Configuration 1 - Write Counter	4	
Emode Present	Not Set	
PTS Configuration	Semi Automatic / Semi Automatic	
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	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	MPH
Max Load Inflation Pressure Rear Tire	36.0	PSI
Special Packages IC	Pacifica	
Power Inverter Type	No Power Inverter	
Cruise Feature is Present	Not Set	
Max Load Inflation Pressure Front Tire	36.0	PSI
Off Road Capable	Not Set	
Air Conditioning Present	Not Set	
Rain Sensor Present	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	All windows express feature	
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	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	17	gallons
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	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)	89	inch
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	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 - Harman 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	Not 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	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	Set	
Rear Door Pre Short Drop	Not Set	
Electro-chromatic driver mirror present	Set	
Driver Memory Mirrors Present	Set	
Window Hall Sensors Present	Not Set	
Mirror turn signals present	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	Set	
Heated Seat Material Type	Base Leather	
Stow 'n Assist Present - Driver	Set	
Stow 'n Assist Present - Passenger	Set	
Rear Heated Seats Present	Not Present	
Front Vented Seats Present	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	HaLF	
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)	
Humidy 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	Set	
CHMSL Lamp Output Disable	Not Set	
Connecetor 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	Set	
ANC Calibration Parameter Data Set	Harman Amplified 3.6L PHEV Sunroof	
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	Set	
Park Assist Tuning Set	BUX Front and Rear Only	
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	Set	
VRM	Set	
MSMP	Set	
AMP	Set	
HVAC	Set	
PDM	Set	
VTM	Not Set	
DDM	Set	
EOMR	Set	
EDM	Set	
ITM	Not Set	
DMRR	Set	
MSM	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	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	Set	
PCM	Set	
PTS	Set	
EPS	Set	
RFH	Set	
AHLM	Not Set	
ESL	Not Set	
FFCM	Set	
ABSO	Set	
OCM	Set	
ABS	Not Set	
TCM	Not Set	
HCP	Set	
Accessory Delay Time	45	seconds
Sliding Door Chime Enable	Not Set	
Sliding Door Alert	Not Set	
Auto Unlock	Set	
Headlamps on with Wipers	Set	
Flash Lamps on Lock	Not Set	
Daytime Running Lamps	Set	
Auto Wipers	Set	
Sound Horn On Lock Status	Chirp on 2nd press/SECOND	
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	0	seconds

Headlamp Delay Time	0	seconds
Auto Highbeam	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	Not Set	

RADIO CONFIGURATION

NAME	VALUE	UNITS
Compass on the bus messaging Authorization	Allowed	
GPS on the Bus messaging Authorization	Allowed	
Satellite Subscription Suspend Day	01	
Satellite Subscription Reason Code	00	
Satellite Subscription Suspend Year	46	
Satellite Subscription Suspend Month	01	
Satellite Subscription Status	Subscribed	
Satellite Subscription ID	PTCXHD0G	
Aux Jack	Not Inserted	
USB Hubs Detected	1	No Unit
SD Card Readers Detected	0	No Unit
Enumerated USB Devices	0	No Unit
DTV Short Term Configuration	—	
911 Button	On	
SDARS	True	
Internal CD Player	False	
Application Framework	True	
Bluetooth	True	
Navigation Active	True	

FM Diversity	False	
Cellular	True	
Wi-Fi	True	
Splash Screen	Chrysler	
Anti-Theft Enable Status	On	
Automated Loudness	On	
Front Seat Video Playback	Enabled	
Clock Defeat	Off	
Cabin EQ Curve Number Currently Used by Radio	35	
12/24 Time Selection	12 Hour Time	

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	

FFCM CONFIGURATION

NAME	VALUE	UNITS
Traceability info	222020 [REDACTED]	
Traceability info	112020 [REDACTED]	
XCP Enabled	False	
HIL mode Enabled	False	

EDM CONFIGURATION

NAME	VALUE	UNITS
Intrusion module	Not Present	
Blind-Spot Module	Not Present	
Video Ent. System Screen 1 Module	Not Present	
Heating Ventilation Air Conditioning	Not Present	
Integrated Center Stack Module	Not Present	
Passenger Door Control Module	Not Present	
Vehicle System Interface Module	Not Present	
Rear Body Controller Module	Not Present	
Convergence Telematics Module	Not Present	
Driver Door Control Module	Not Present	
CAN I in-dash disc player module	Present	
Right Rear Door Control Module	Not Present	
Left Power Sliding Door Module	Not Present	
Common Body Controller Int Bus	Not Present	

Left Rear Door Control Module	Not Present	
Memory Seat Module	Not Present	
Amplifier Module	Not Present	
Comfot Seats and Wheel Module	Not Present	
Power Liftgate Module	Not Present	
Power Top Control Module	Not Present	
Right Power Sliding Door Module	Not Present	
Folding Seat Module	Not Present	
Video Ent. System Screen 2 Module	Not Present	
Radio	Present	
VES	False	
VRM	False	
E-Mode Feature Present	False	
Remote Start Present	False	
Vehicle Line	RU	
Body Style	Station Wagon	
Left/Right Hand Drive	Not Programmed	
Vehicle Brand Type	Chrysler	

RCCC CONFIGURATION

NAME	VALUE	UNITS
MTC with EBL	False	
DualZone ATC Control	True	
MTC Heater Only	False	
Single Zone MTC Control	False	
Dual Zone MTC Control	False	
DualZone ATC Control	False	
MTC without EBL	False	

ABSO CONFIGURATION

NAME	VALUE	UNITS
Engine Displacement	3.6	No Unit
ESC BLA Enabled	False	
PN ESC Byte2	0	
PN ESC Byte1	0	
Drive Configuration	2WD Front	
Dynamic Tire Circumference	89	inch
VC Chassis Type	Type 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	

Dealer: 43320 AUTONATION CHRYSLER DODGE
JEEP RAM BELLEVUE



Shipper Number: 4702189

Part: 68490840AA -

Order Number: \$2528*

Quantity: 1

Ship From: 03111 WARREN PARTS DISTRIB
21035 SHERWOOD
WARREN, MI 4809129
USA

Ship To: 43320 AUTONATION CHRYSLER
120 116TH AVE NE
BELLEVUE, WA 9800452
USA

Package Status Information

Status: Delivered

Delivered on: May 12, 2021 3:02 P.M.

Signed by:

Location:

Delivered to: BELLEVUE, WA, US

Tracking Number: [REDACTED]

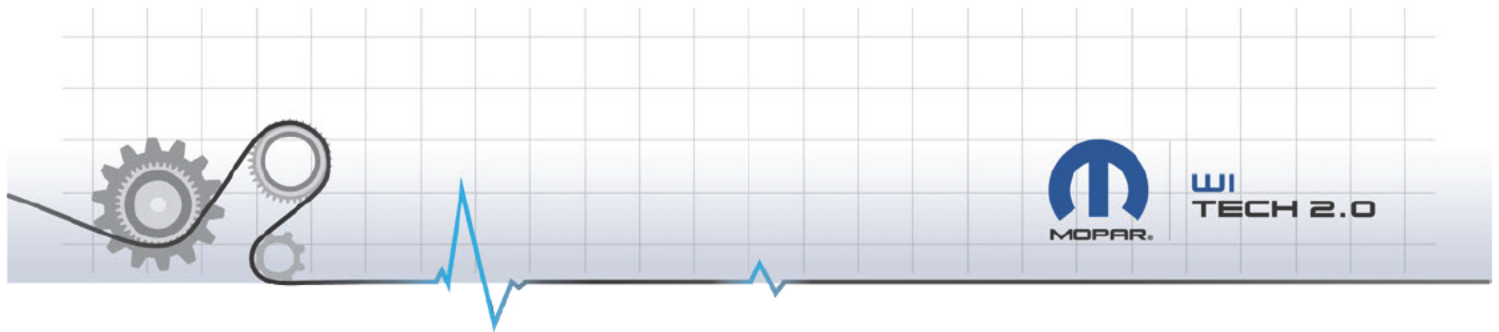
Service Type: UPS Next Day Air Freight Non Guaranteed

Weight: 270.0 LBS

Date	Time	Location	Activity
May 12, 2021	3:02 P.M.	Seattle, WA, US	Departed Delivery Location
	2:59 P.M.	Seattle, WA, US	Delivered
	1:29 P.M.	Seattle, WA, US	Out for Delivery
	8:08 A.M.	Seattle, WA, US	Confirmed Arrival
	8:08 A.M.	Seattle, WA, US	On-Hand at Destination
	3:37 A.M.	Detroit, MI, US	Docs Received from Shipper
	3:37 A.M.	Detroit, MI, US	Date Available to Ship
	2:21 A.M.	Detroit, MI, US	ETD from Load Port
	2:21 A.M.	Detroit, MI, US	Confirmed Departure
May 11, 2021	7:40 P.M.	Detroit, MI, US	Received into UPS Possession

Tracking results provided by UPS : June 07, 2021 12:11 PM

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VEHICLE SCAN REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1N [REDACTED]

Odometer 6009.0 miles
Publication Date Apr 21, 2021, 7:34:58 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68444228AE	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68444228AE
ICS	Integrated Center Stack	CAN-I	6UX621X8AA	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	6UX621X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68447893AC
DDM	Driver Door Module	CAN-I	68424449AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68424449AC
PDM	Passenger Door Module	CAN-I	68424448AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68424448AC
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434912AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68434912AC
AMP	Amplifier	CAN-I	68448067AA	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434956AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68434956AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68360889AD
BCM	Body Controller	CAN-C	68424601AE	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68424601AE

ACC	Adaptive Cruise Control	CAN-C	68417813AF	2C4RC1N7	2C4RC1N7	68417813AF
RADIO	Radio	CAN-I	68461768AD	2C4RC1	2C4RC1N7	68461768AD
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N7	2C4RC1N7	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N7	2C4RC1N7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N7	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1N7	2C4RC1N7	68493395AA
EDM	External Disc Module	CAN-I	68378304AB	2C4RC1N7	2C4RC1N7	68378304AB
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N7	2C4RC1N7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1N7	2C4RC1N7	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190265AF	2C4RC1N7	2C4RC1N7	05190265AF
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1N7	2C4RC1N7	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N7	2C4RC1N7	68321862AC
DSM	Display Screen Module	CAN-I	68316174AC	2C4RC1N7	2C4RC1N7	68316174AC
VRM	Video Routing Module	CAN-I	68376134AG	2C4RC1N7	2C4RC1N7	68376134AG
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1N7	2C4RC1N7	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N7	2C4RC1N7	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N7	2C4RC1N7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190266AF	2C4RC1N7	2C4RC1N7	05190266AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1N7	2C4RC1N7	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1N7	2C4RC1N7	68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		2C4RC1N7	68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	31D751B0
ICS	USA	0F 0C 00	12 25 00	4700	
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	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
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	
ACC	USA / USA	14 12 01	14 1D 01	4400	
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	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
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	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	13 29 00	12 23 00	4000	
VRM	USA / USA	0F 1C 00	13 26 11	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 32 01	12 33 00	4003	
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
DMRR	B224F-54	Door Module Internal-Missing Calibration	Active
RADIO	U0002-00	CAN C Bus Off Performance-	Stored
HCP	P1444-00	Power Inverter Module - Incorrect Control Mode-	Stored

HCP	P06B1-00	Sensor Power Supply 1 Circuit Low-	Active
HCP	P079B-00	Transmission Friction Element 2 Slip Detected-	Active
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Active
HCP	P0A44-00	Drive Motor A Position Sensor 1 Circuit Overspeed-	Active
HCP	P0C19-00	Drive Motor A Torque Delivered Performance-	Active

ENVIRONMENTAL DATA SUMMARY

DMRR | B224F-54 | Active | Door Module Internal-Missing Calibration

NAME	VALUE	UNITS
DTC Extended Data Record Number - All	01	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	ERROR	
Test Not Completed This Operation Cycle	False	
Test Failed This Operation Cycle	False	
Test Failed	True	
Pending DTC	False	
Original Odometer Value	6005	miles
Ignition Cycle Counter	0	
Frequency Counter	1	
Most Recent Odometer Value	6005	miles

RADIO | U0002-00 | Stored | CAN C Bus Off Performance-

NAME	VALUE	UNITS
TestFailed	False	
Pending DTC	False	
Confirmed DTC	True	
DTCTable	C0 02 00	
TestFailedThisMonitoringCycle	False	
Test Not Completed This Monitoring Cycle	False	
Reserved	Reserved	
Occurance Flag	Occurrence	
Warning Indicator Requested	False	
RDI \$6080	60 80	
DTCExtendedDataRecordNumber	FF	
Event Counter	61	
Most Recent Odometer Value	6005	miles
Frequency Counter	2	
Ignition Counter	3	
Original Odometer Value	6005	miles

HCP | P1444-00 | Stored | Power Inverter Module - Incorrect Control Mode-

NAME	VALUE	UNITS
DTC	14 44 00	
Test Failed	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Warning Indicator Requested	True	
Brake Switch Status	Not Applied	
Ignition State	Ignition Lock	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
Impact Event	False	
J1772 Prox Detected State	Prox Detected	
APM Status	Off	
OBCM Operating Mode	Idle	
Hybrid System State	Enable Inverters	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	6009.0	miles
Ignition Cycle Counter	0	
Original Odometer Value	6009.0	miles
RAM stamps keyOn	735	sec
RAM Stamps	75795	Min
Frequency Counter	1	
Accelerator Pedal Position	0	%
Real time clock	20175998	sec
Engine Speed	0	rpm
HV Battery SOC	22	%
Motor B Temp Sensor	57	°F
Motor A Temp Sensor	59	°F
Vehicle Speed	0.0000	MPH
Engine Coolant Temperature	55	°F
Barometric Pressure	15	PSI
Internal EPS Voltage Sense A	8.208	Volts

Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Internal EPS Voltage Sense B	8.136	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase A	-56	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	48	AMP
Motor A Resolver Angle	Invalid Value	Degree
Electric Motor A Speed	16383.5	rpm
Motor B Resolver Angle	202	Degree
Electric Motor B Speed	0.5	rpm
PIM DC Link Voltage - B	342	Volts
PIM DC Link Voltage - A	345	Volts
HV Battery Voltage from BPCM	343.70	Volts
Outside Air Temperature	51.8	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 3 Sense	12.024	Volts
Inverter A IGBT Temperature for phase A	59	°F
Battery Feed Voltage 1 Sense	12.024	Volts
Battery Feed Voltage 2 Sense	12.024	Volts
Inverter A IGBT Temperature for phase B	59	°F
Inverter A IGBT Temperature for phase C	59	°F
Inverter B IGBT Temperature for phase A	59	°F
Inverter B IGBT Temperature for phase B	59	°F
Inverter B IGBT Temperature for phase C	59	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Day	1	Days
UTC Time - Minutes	0	
UTC Time - Hours	0	Hours
GPS Date - Month	1	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

HCP | P06B1-00 | Active | Sensor Power Supply 1 Circuit Low-

NAME	VALUE	UNITS
DTC	06 B1 00	
Test Failed This Operation Cycle	True	
Test Failed	True	
Pending DTC	True	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Motor A Resolver Offset Learn Erase	not requested	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Offset Learning Status Flag	Not 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	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
HCP System Shutdown Command	Default	
Impact Event	False	
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	6009.0	miles
Ignition Cycle Counter	0	
Original Odometer Value	6009.0	miles
Real time clock	20173380	sec
RAM Stamps	75777	Min
Accelerator Pedal Position	0	%
RAM stamps keyOn	660	sec
Engine Speed	0	rpm
HV Battery SOC	23	%
Motor B Temp Sensor	59	°F

Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	59	°F
Engine Coolant Temperature	57	°F
Barometric Pressure	15	PSI
Motor B Resolver Angle Offset	4.80	Degree
Motor A Resolver Angle Offset	0.00	Degree
Motor B Resolver Supply Voltage Value	15.75	Volts
Internal EPS Voltage Sense A	0.000	Volts
Battery Feed Voltage 2 Sense	12.096	Volts
Motor A Resolver Supply Voltage Value	03FD	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Internal EPS Voltage Sense B	0.000	Volts
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor B Speed	0.5	rpm
Electric Motor A Speed	0.0	rpm
Battery Feed Voltage 3 Sense	12.096	Volts
Battery Feed Voltage 1 Sense	12.096	Volts
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
HV Battery Voltage from BPCM	180.00	Volts
Outside Air Temperature	50.0	°F
PIM DC Link Voltage - A	7	Volts
Inverter A IGBT Temperature for phase A	59	°F
PIM DC Link Voltage - B	5	Volts
Inverter A IGBT Temperature for phase B	59	°F
Inverter B IGBT Temperature for phase A	59	°F
Inverter B IGBT Temperature for phase C	59	°F
Inverter A IGBT Temperature for phase C	59	°F
Motor A Torque	0.000	Ft-Lbs
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase B	59	°F
Motor B Torque	0.000	Ft-Lbs
GPS Date - Year	0	Year
HV Battery Sleep Time	0	Days

UTC Time - Hours	0	Hours
GPS Date - Month	1	
GPS Date - Day	1	Days
ECU Time - Milliseconds	0	ms
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds

HCP | P079B-00 | Active | Transmission Friction Element 2 Slip Detected-

NAME	VALUE	UNITS
DTC	07 9B 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
Impact Event	False	
OBCM Operating Mode	UTC	
APM Status	Idle	
HV Contactor Status	Open	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	6009.0	miles
Original Odometer Value	6009.0	miles
Frequency Counter	1	
RAM stamps keyOn	660	sec
Ignition Cycle Counter	0	
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	23	%

Engine Coolant Temperature	57	°F
RAM Stamps	75777	Min
Real time clock	20173380	sec
Barometric Pressure	15	PSI
Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	59	°F
Motor A Temp Sensor	59	°F
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Internal EPS Voltage Sense A	0.000	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Internal EPS Voltage Sense B	0.000	Volts
Actual Torque - Motor B	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 B	-232.301	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
Motor B - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
PIM DC Link Voltage - A	7	Volts
Motor B Resolver Angle	202	Degree
Electric Motor B Speed	0.5	rpm
Motor A Resolver Angle	Not Programmed	Degree
Electric Motor A Speed	0.0	rpm
PIM DC Link Voltage - B	5	Volts
HV Battery Voltage from BPCM	180.00	Volts
HV Battery Sleep Time	0	Days
Outside Air Temperature	50.0	°F
Battery Feed Voltage 1 Sense	12.096	Volts
Battery Feed Voltage 2 Sense	12.096	Volts
Battery Feed Voltage 3 Sense	12.096	Volts
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase C	32	°F
GPS Date - Year	0	Year
GPS Date - Month	1	
Inverter B IGBT Temperature for phase B	32	°F

GPS Date - Day	1	Days
Inverter B IGBT Temperature for phase C	32	°F
Distance Travelled with Light ON	0	miles
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
DTC	0A 3F 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Not 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	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
CBC Wake-Up Input	Off	
Impact Event	False	
APM Status	Idle	
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	6009.0	miles
Most Recent Odometer Value	6009.0	miles
Frequency Counter	1	

Ignition Cycle Counter	0	
RAM stamps keyOn	660	sec
Real time clock	20173380	sec
Accelerator Pedal Position	0	%
RAM Stamps	75777	Min
Engine Speed	0	rpm
HV Battery SOC	23	%
Motor A Temp Sensor	59	°F
Motor B Temp Sensor	59	°F
Vehicle Speed	0.0000	MPH
Engine Coolant Temperature	57	°F
Motor A Resolver Angle Offset	0.00	Degree
Motor B Resolver Angle Offset	4.80	Degree
Motor A Resolver Supply Voltage Value	03FD	Volts
Barometric Pressure	15	PSI
Motor B Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	12.096	Volts
Internal EPS Voltage Sense A	0.000	Volts
Internal EPS Voltage Sense B	0.000	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	1.014	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	-1.014	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Battery Feed Voltage 3 Sense	12.096	Volts
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Battery Feed Voltage 1 Sense	12.096	Volts
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Outside Air Temperature	50.0	°F
HV Battery Voltage from BPCM	180.00	Volts
Inverter A IGBT Temperature for phase A	59	°F
PIM DC Link Voltage - A	7	Volts
PIM DC Link Voltage - B	5	Volts
Inverter A IGBT Temperature for phase C	59	°F
Inverter B IGBT Temperature for phase C	59	°F

Inverter B IGBT Temperature for phase A	59	°F
Inverter B IGBT Temperature for phase B	59	°F
Inverter A IGBT Temperature for phase B	59	°F
Motor A Torque	0.000	Ft-Lbs
Distance Travelled with Light ON	0	miles
Motor B Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
GPS Date - Year	0	Year
GPS Date - Month	1	
UTC Time - Seconds	0	seconds
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
GPS Date - Day	1	Days

HCP | P0A44-00 | Active | Drive Motor A Position Sensor 1 Circuit Overspeed-

NAME	VALUE	UNITS
DTC	0A 44 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Confirmed DTC	False	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag		
PHEV Charging Status		
Ignition State		
Brake Switch Status		
PRND Position Display		
Propulsion System Active		
Motor A Resolver Offset Learn Erase		
Motor A Resolver Offset Learning Status Flag		
Motor B Resolver Offset Learning Status Flag		
Motor A Resolver to Digital Low Level Driver Faults		
Motor B Resolver to Digital Low Level Driver Faults		
Hybrid System State		
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
HV Contactor Status		
APM Status		
HCP System Shutdown Command		

Impact Event		
OBCM Operating Mode		
J1772 Prox Detected State		
Motor B Resolver Offset Learn Erase		
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Original Odometer Value		miles
Real time clock		sec
RAM Stamps		Min
RAM stamps keyOn		sec
HV Battery SOC		%
Accelerator Pedal Position		%
Engine Speed		rpm
Motor A Temp Sensor		°F
Vehicle Speed		MPH
Motor B Temp Sensor		°F
Engine Coolant Temperature		°F
Barometric Pressure		PSI
Motor B Resolver Angle Offset		Degree
Motor B Resolver Supply Voltage Value		Volts
Motor A Resolver Supply Voltage Value		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Battery Feed Voltage 2 Sense		Volts
Motor A Resolver Angle Offset		Degree
Available Motor Torque - Motor A		Ft-Lbs
Actual Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Electric Motor A Speed		rpm
Electric Motor B Speed		rpm
Battery Feed Voltage 3 Sense		Volts
Battery Feed Voltage 1 Sense		Volts
Motor A - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Outside Air Temperature		°F

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

HCP | P0C19-00 | Active | Drive Motor A Torque Delivered Performance-

NAME	VALUE	UNITS
Pending DTC	True	
Confirmed DTC	True	
Test Failed	True	
DTC	0C 19 00	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Warning Indicator Requested	True	
Test Failed Since Last Clear	True	
Test Failed This Operation Cycle	True	
Ignition State	Reserved	
PHEV Charging Status	No Charging	
Propulsion System Active	False	
PRND Position Display	P	
Brake Switch Status	Not Applied	
Motor A Phase U Cross Conduction Fault - High-Side	False	
Motor A Phase U Short Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-Side	False	
Motor A Phase U Thermal Shutdown Fault - High-Side	False	

Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase U Hardware Error Fault - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase U Short Fault - Low-Side	False	
Motor A Phase U Cross Conduction Fault - Low-Side	False	
Motor A Phase U Over Current Fault - Low-Side	False	
Motor A Phase V Short Fault - High-Side	False	
Motor A Phase U SPI Error Fault - High-Side	False	
Motor A Phase U Thermal Shutdown Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - Low-Side	False	
Motor A Phase U Hardware Error Fault - Low-Side	False	
Motor A Phase V Cross Conduction Fault - High-Side	False	
Motor A Phase V Over Current Fault - High-Side	False	
Motor A Phase V Thermal Warning Fault - High-Side	False	
Motor A Phase V Thermal Shutdown Fault - High-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase V SPI Error Fault - High-Side	False	
Motor A Phase V Hardware Error Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - Low-Side	False	
Motor A Phase V Short Fault - Low-Side	False	
Motor A Phase V Hardware Error Fault - Low-Side	False	
Motor A Phase V Cross Conduction Fault - Low-Side	False	
Motor A Phase V Over Current Fault - Low-Side	False	
Motor A Phase V Thermal Shutdown Fault - Low-Side	False	
Motor A Phase V Thermal Warning Fault - Low-Side	False	
Motor A Phase W Short Fault - High-Side	False	
Motor A Phase W Over Current Fault - High-Side	False	
Motor A Phase W Thermal Warning Fault - High-Side	False	
Motor A Phase V SPI Error Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown Fault - High-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase W SPI Error Fault - High-Side	False	
Motor A Phase W Thermal Warning Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - Low-Side	False	
Motor A Phase W Hardware Error Fault - High-Side	False	
Motor A Phase W Over Current Fault - Low-Side	False	
Motor A Phase W Short Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown Fault - Low-Side	False	
Hybrid System State	SNA	
Motor A Phase W SPI Error Fault - Low-Side	False	
Motor A Phase W Hardware Error Fault - Low-Side	False	
Inverter B Status Feedback	Normal OFF	

HV Contactor Status	Open	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
Impact Event	False	
HCP ePT Wake-Up Output	On	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HCP System Shutdown Command	Default	
Inverter Status Feedback	Inverter Faulted	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Motor A Phase U Under Voltage Fault VL - High-Side	False	
Motor A Phase U Under Voltage Fault VDD - High-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
Motor A Phase U Over Voltage Fault VH - Low-Side	False	
Commanded Inverter A State	Inverter Disabled	
Motor A Phase U Under Voltage Fault VH - High-Side	False	
APM Status	Idle	
Motor A Phase U Under Voltage Fault VH - Low-Side	False	
Motor A Phase U Over Voltage Fault VL - Low-Side	False	
Motor A Phase U Over Voltage Fault VDD - Low-Side	False	
Motor A Phase U Under Voltage Fault VDD - Low-Side	False	
Motor A Phase U Over Voltage Fault VDD - High-Side	False	
Motor A Phase U Under Voltage Fault VL - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - High-Side	False	
Motor A Phase V Under Voltage Fault VL - High-Side	False	
Motor A Phase V Over Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - High-SideSide	False	
Motor A Phase V Under Voltage Fault VDD - High-Side	False	
Motor A Phase V Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Under Voltage Fault VH - Low-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - Low-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Under Voltage Fault VDD - Low-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase W Under Voltage Fault VL - High-Side	False	
Motor A Phase W Under Voltage Fault VH - High-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	

Motor A Phase W Under Voltage Fault VDD - High-Side	False	
Motor A Phase W Over Voltage Fault VDD - High-Side	False	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Inverter A Status Feedback	Inverter Faulted	
Original Odometer Value	6009.0	miles
Ignition Cycle Counter	0	
Frequency Counter	1	
RAM stamps keyOn	660	sec
Most Recent Odometer Value	6009.0	miles
RAM Stamps	75777	Min
Vehicle Speed	0.0000	MPH
Real time clock	20173380	sec
HV Battery SOC	23	%
Available Motor Torque - Motor A	1.659	Ft-Lbs
Barometric Pressure	15	PSI
Accelerator Pedal Position	0	%
Engine Coolant Temperature	57	°F
Engine Speed	0	rpm
Actual Torque - Motor A	0.000	Ft-Lbs
Inverter A Input DC Current	0.0	AMP
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Electric Motor A Speed	0.0	rpm
Motor A - Inverter Current - phase B	0	AMP
Internal EPS Voltage Sense B	0.000	Volts
Motor A Resolver Supply Voltage Value	03FD	Volts
Battery Feed Voltage 3 Sense	12.096	Volts
PIM DC Link Voltage - A	7	Volts
Battery Feed Voltage 2 Sense	12.096	Volts
Internal EPS Voltage Sense A	0.000	Volts
High Temp Aux Pump - Actual Speed	0	rpm
Passive Pump Coolant Temp In Sensor	54	°F
PIM DC Link Voltage - B	5	Volts
Low Temp Active Pump Speed	0	rpm
Outside Air Temperature	50.0	°F
Battery Feed Voltage 1 Sense	12.096	Volts
Commanded Torque - Motor A	0.000	Ft-Lbs

Available Motor Torque - Motor B	232.301	Ft-Lbs
Motor B - Inverter Current - phase B	0	AMP
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Available Regen Torque - Motor A	-1.659	Ft-Lbs
Motor B Temp Sensor	59	°F
Commanded Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase A	0	AMP
Motor B Resolver Angle	202	Degree
Inverter A IGBT Temperature for phase B	59	°F
Inverter A IGBT Temperature for phase A	59	°F
Electric Motor B Speed	0.5	rpm
HV Battery Voltage from BPCM	180.00	Volts
Inverter A IGBT Temperature for phase C	59	°F
Inverter B IGBT Temperature for phase B	59	°F
Inverter B IGBT Temperature for phase A	59	°F
Motor B - Inverter Current - phase C	-4	AMP
HV Battery Sleep Time	0	Days
Inverter B IGBT Temperature for phase C	59	°F
GPS Date - Year	0	Year
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Distance Travelled with Light ON	0	miles
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
GPS Date - Month	1	
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms

SNAPSHOT DATA SUMMARY

No Snapshot Data available for B224F-54

No Snapshot Data available for U0002-00

No Snapshot Data available for P1444-00

No Snapshot Data available for P06B1-00

No Snapshot Data available for P079B-00

No Snapshot Data available for P0A3F-00

No Snapshot Data available for P0A44-00

No Snapshot Data available for P0C19-00