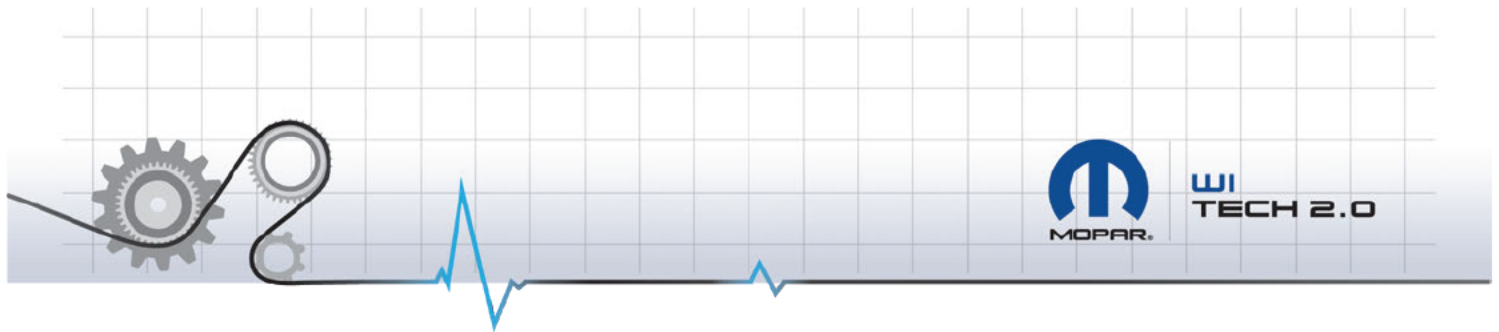


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CONFIGURATION REPORT

Vehicle 2020 CHRYSLER PACIFICA/VOYAGER 3.6L V6 HYBRID ENGINE
VIN 2C4RC1N7 [REDACTED]

Odometer 110.7 km
Publication Date Sep 16, 2020, 10:48:35 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURREN	ORIGIN	PART #
PCM	Powertrain Control Module	CAN-C	68444228AE	2C4RC1N	2C4RC1	68444228AE
ICS	Integrated Center Stack	CAN-I	6UX621X8AA	2C4RC1N	2C4RC1	6UX621X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB	2C4RC1N	2C4RC1	68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1N	2C4RC1	68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD	2C4RC1N	2C4RC1	68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1N	2C4RC1	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC	2C4RC1N	2C4RC1	68447893AC
DDM	Driver Door Module	CAN-I	68424449AC	2C4RC1N	2C4RC1	68424449AC
PDM	Passenger Door Module	CAN-I	68424448AC	2C4RC1N	2C4RC1	68424448AC
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N	2C4RC1	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N	2C4RC1	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1N	2C4RC1	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1N	2C4RC1	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N	2C4RC1	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	????????	????????	68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434912AC	2C4RC1N	2C4RC1	68434912AC
AMP	Amplifier	CAN-I	68448067AA	2C4RC1N	2C4RC1	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434956AD	2C4RC1N	2C4RC1	68434956AD
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N	2C4RC1	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1N	2C4RC1	68360889AD
BCM	Body Controller	CAN-C	68424601AF	2C4RC1N	2C4RC1	68424601AF

ACC	Adaptive Cruise Control	CAN-C	68417813AF	2C4RC1	2C4RC1N	68417813AF
RADIO	Radio	CAN-I	68461768AD	2C4RC1	2C4RC1N	68461768AD
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1	2C4RC1N	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1	2C4RC1N	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1	2C4RC1N	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1	2C4RC1N	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1	2C4RC1N	68493395AA
EDM	External Disc Module	CAN-I	68378304AB	2C4RC1	2C4RC1N	68378304AB
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1	2C4RC1N	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1	2C4RC1N	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190289AC	2C4RC1	2C4RC1N	05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1	2C4RC1N	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1	2C4RC1N	68321862AC
DSM	Display Screen Module	CAN-I	68316174AC	2C4RC1	2C4RC1N	68316174AC
VRM	Video Routing Module	CAN-I	68376134AG	2C4RC1	2C4RC1N	68376134AG
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1	2C4RC1N	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1	2C4RC1N	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1	2C4RC1N	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC	2C4RC1	2C4RC1N	05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AA	2C4RC1	2C4RC1N	68461813AA
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1	2C4RC1N	68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		2C4RC1N	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	14 0B 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
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 1D 07	13 30 01	4005	92BCF62B 04D8393A 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 1D 07	13 30 01	4000	
EBBM	USA	0E 19 02	12 31 17	4000	AD6A1E22
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	
Aux Coolant Pump Heater Equipped	False	
High Side Port Tumble Valve Equipped	False	
Wastegate HBridge Equipped	False	
Heater Temp Control Valve Equipped	False	
Mechanical Coolant Pump Equipped	False	
40TE / 41TE / 41TEA	False	
Vehicle Speed Sensor #1 Calculated from CAN	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
Wide Range O2 Sensor 1/1 Equipped	False	
Trans Reverse Lockout Equipped	False	
Wastegate H-Bridge Equipped	Undefined	
6.1 Liter V8 Engine	False	
Dual Fuel Pressure Sensor Equipped	False	
Electric Thermostat Heater Equipped	False	
Engine Idle Shutoff Equipped	False	
Dual Stage Oil Pump Equipped	True	
3.8 Liter V6 Engine	False	
Port Flap Valve Equipped	False	
2.0 Liter W14 engine	False	
Primary Lin Alternator Equipped	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
66RFE / 68RFE	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
VLP Equipped Indicator	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
Auxiliary Coolant Pump Heater Equipped	Undefined	
1 Speed Fan Mechanical Relay System Equipped	False	
Fiat VIN Learning Strategy Equipped	False	
Sensorless FFV Enabled	False	
Electronic Throttle Control Equipped	True	
Exhaust Cam 2 Equipped	True	
45RFE / 545RFE / 65RFE	False	
Turbocharger Equipped	False	
ESIM Equipped	False	
4 Speed Automatic Transmission Equipped	False	
Fiat 940 Compact Equipped	False	
Battery Temp Sensor Equipped	False	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
2 Speed Fan Mechanical Relay System Equipped	False	
PTO System Equipped	False	
5.7 Liter V8 Engine	False	

Operator Idle Speed Request Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
GPEC2 Equipped	False	
Variable Displacement AC Equipped	False	
Supercharger Equipped	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
VMM Equipped	False	
Continuous Variable Transmission Equipped	False	
Clutch Interlock Switch Equipped	False	
AC Equipped	False	
2.4 Liter WI4 engine	False	
ICC Cruise Equipped	False	
GPEC2A Equipped	True	
Direct Injection Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Transmission Oil Heater Equipped	False	
Electric Water Pump Equipped	False	
VLP Is Learnable Indicator	False	
Unleaded diesel fuel	False	
Police Package Equipped	False	
Engine Oil Heater Cooler Equipped	True	
CUSW PROXI Write Programming Support Enabled	False	
Wide Range O2 Sensor 2/1 Equipped	False	
Turbine Volute Valve Actuator Equipped	Undefined	
Electronic Automatic Transmission (EATX) Equipped	False	
2.7 Liter V6 Engine	False	
MTV Solenoid Equipped	False	
Powernet Equipped	True	
EMAT (Getrag DCT transmission) Equipped	False	
AC Equipped Over Bus	False	
ZF 9-Speed Transmission Equipped	False	
WI4 Intake Flow Control Valve Equipped	False	
SRV Equipped	False	
42RLE	False	
MultiAir Equipped	False	
Cummins Equipped	False	
Hybrid Electric Vehicle Equipped	True	
Trans Skip Shift Equipped	False	
4.7 Liter V8 Engine	False	
Dual Speed Fuel Pump Equipped	False	
MDS Equipped	False	
Active Grille Shutter Equipped	False	
1.8 Liter WI4 engine	False	

6.2 Liter V8 Engine	False	
3.0 Liter V6 Engine	False	
Cooled EGR Equipped	False	
Adaptive Cruise Control Hardware Equipped	False	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
Secondary Air Equipped	False	
Unleaded Gasoline Fuel	True	
Transmission Software Included	False	
Viscosity Sensor Equipped	False	
Duty Cycle Purge Valve Equipped	True	
1.0 Liter I3 Engine	False	
3 Speed Fan Mechanical Relay System Equipped	False	
ETC Cruise equipped	False	
HPT 6-Speed Transmission Equipped	False	
Linear PWM Fan Relay System Equipped	False	
Active Exhaust Valve Equipped	False	
GPEC4 Equipped	False	
A/C Equipped	False	
3.5 Liter V6 Engine	False	
PWM Fan Motor System Equipped	True	
2 Speed Fan PWM Relay System Equipped	False	
ERS Equipped Indicator	False	
Knock Sensor 1 Equipped	True	
Mechanical Coolant Pump Heater Equipped	False	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Tumble Generator Valve Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
Electric Coolant Valve Equipped	False	
CUSW (11-Bit) Equipped	False	
Electronic Vacuum Pump Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
Oil Pressure Sensor Enabled	True	
Starter Relay 2 Equipped	False	
Linear EGR Equipped	False	
Barometric Sensor Equipped	False	
VFS Actuators Available Indicator	False	
3.7 Liter V6 Engine	False	
Electronic Coolant Pump Equipped	False	
Yaw Rate Sensor ESC Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
Active Engine Mount Equipped	False	
4 Button Integrated Cruise Control	False	
Engine Stop Start Equipped	False	
TIP Equipped	False	

Intake Cam 2 Equipped	True	
Throttle Inlet Temp Sensor Equipped	False	
Dual Fuel Tank Equipped	False	
Auxiliary Heater Electric Water Pump Equipped	False	
CMCV H-Bridge Equipped	Undefined	
Linear Purge Equipped	False	
Adaptive Cruise Control Equipped	True	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
4.0 Liter I6 Engine	False	
Coolant On-Off Pump Equipped	False	
Coolant On-Off Valve Equipped	False	
6.4 Liter V8 Engine	False	
Exhaust Cam 1 Equipped	True	
Variable Speed Fuel Pump Equipped	True	
3.3 Liter V6 Engine	False	
Compressed Natural Gas Equipped	False	
3.6 Liter V6 Engine	True	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
CUSW (29-Bit) Equipped	False	
62TE	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
Rear Heater Equipped	False	
Intake Cam 1 Equipped	True	
Power Steering Switch Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Knock Sensor 2 Equipped	True	
Low Temperature Radiator Coolant Pump Equipped	False	
WI4 Variable Valve Timing Equipped	True	
Brake Pedal Sensor Equipped	False	
Constant Heater Temperature Control Valve Equipped	False	
3.2 Liter V6 Engine	False	
Secondary Fuel Pump Equipped	False	
Fixed displacement AC Equipped	True	
Shift Indicator Lamp Equipped	False	
Next Gen Bus Equipped	False	
Fan Wake Up Relay System Equipped	False	
Auxiliary Coolant Pump Equipped	False	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
Engine Software In Package	True	
GPEC3 Equipped	False	
ZF 9-Speed Trans Equipped	False	
Auxillary Coolant Pump Equipped	False	
Cooled EGR Equipped	False	
PTO System Equipped	False	

HPT 6-Speed Trans Equipped	False	
Engine Idle Shutoff Equipped	False	
Dual Alternator Gen1 Capable	False	
A/C Relay Powered from Engine Switched Battery	False	
CNG Large Gas Tank Equipped	False	
Hybrid MEC Shifter Equipped	False	
Supercharger Equipped	False	
Dual Fuel Tank Equipped	False	
Low Temp Radiator Coolant Pump Equipped	False	
INTAKE O2 SENSOR EQUIPPED	False	
Operator Idle Speed Request Equipped	False	
5 Button Cruise (LIN) Equipped	True	
Bi-Directional Crank Sensor Equipped	True	
Throttle Inlet Temp Sensor Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Brake Pedal Sensor Equipped	False	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
Mass Airflow System Equipped	False	
Clutch Sensor Equipped	False	
Make Up Air Sensor Equipped	False	
Power Steering Angle Sensor Mandatory	False	
Cylinder Pressure Sensor Equipped	False	
CUSW 4-Button Cruise Equipped	False	
Coolant On-Off Pump Equipped	Not Equipped	
1.0 Liter I3 Engine	False	
Primary Lin Alternator Equipped	Not Equipped	
2.0 Liter I4 Direct Injection Engine	False	
Variable Valve Lift Equipped	Not Equipped	
Remote Start Present	Present	
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
HVAC Configuration	Dual Zone ATC + Rear	
Dual Zone MTC Control (BB)	False	
MTC With EBL (3Knob)	False	
MTC heater only (3Knob)	False	

Single Zone MTC Control (BB)	False	
MTC Without EBL (3Knob)	False	
DualZone ATC Control (Factory) (BB)	False	
DualZone ATC Control (BB)	False	

PDM CONFIGURATION

NAME	VALUE	UNITS
Frameless Window	False	

PSDML CONFIGURATION

NAME	VALUE	UNITS
VSIM Status	False	

PSDMR CONFIGURATION

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

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

Current EQ Checksum	F2 05 09 57	
ANC Status	Off - Window Mute	
Teen Key Present	False	
Surround Sound Activated	Not Set	
Sub-EQ Set Selected	Cabin EQ 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	
Current ANC Calibration ID - Service	RU PHEV 3.6L: Tripane Sunroof & Harman AMP	
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	1	
Last Programmed Status	Manufacturing	
Vehicle Configuration Programmed Status	True	
ECU Configuration 8 (LIN and Miscellaneous)	3	
ECU Configuration 11	3	
Programmed Network Configuration - Audio / Telematics Network	0	
ECU Configuration 6 (Safety)	3	
ECU Configuration 12	3	
ECU Configuration 6 (Brake)	3	

ECU Configuration 9 (ITM)	3	
ECU Configuration 9A	3	
Vehicle Configuration 6 - Write Counter	3	
ECU Configuration 5 (Wireless)	3	
Vehicle Config CSM2	3	
Vehicle Configuration 2 - Write Counter	3	
ECU Configuration 15 (CBC Features)	3	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	3	
ECU Configuration 13	3	
ECU Configuration 4	3	
Vehicle Configuration 1 - Write Counter	3	
Vehicle Config CSM1	3	
ECU Configuration 5 (Doors)	3	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	3	
Vehicle Configuration 5 - Write Counter	3	
Programmed ECUs: Cabin Network	3	
ECU Configuration 6 (Powertrain)	3	
Programmed ECUs: Hybrid LAN Network	0	
Vehicle Configuration Auto Write Counter	1	
ECU Configuration 5 (Memory)	3	
ECU Configuration 3	3	
Last Configuration Odometer	0	km
Vehicle Configuration 7 - Write Counter	3	
ECU Configuration 2 (CBC Features)	3	
ECU Configuration 14	3	
Programmed ECUs: P/T Chassis Network	3	
Vehicle Configuration 4 - Write Counter	3	
ECU Configuration 6 (Suspension)	3	
Vehicle Configuration 3 - Write Counter	3	
ECU Configuration 10	3	
ECU Configuration 15 (Suspension)	3	
Model Year	2020	
Vehicle Line	RU	
Emode Present	Not Set	
Special Packages	74	
Body Style	Station Wagon	
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Maximum Vehicle Speed	0	km/hr
Auto Highbeam	Set	
Remote Start Present	Set	
Left/Right Hand Drive	Left Hand Drive	
Select Speed Control Feature Present	Not Set	
Country Code	USA	

Hill Descent Feature Present	Not Set	
PTS Configuration	Semi Automatic / Semi Automatic	
Drive Configuration	2WD Front	
Performance Pages Present	Not Present	
Max Load Inflation Pressure Front Tire	248.2	kPa
Air Conditioning Present	Not Set	
Rain Sensor Present	Set	
Max Load Inflation Pressure Rear Tire	248.2	kPa
Power Inverter Type	No Power Inverter	
Off Road Capable	Not Set	
SKIM System Present	Not Set	
Special Packages IC	Pacifica	
Thatcham Present	Not Set	
Cruise Feature is Present	Not Set	
Full Size Spare	Not Set	
Flipper Glass Present	Not Set	
Display Compass Heading Present	Set	
Auto Headlamp Feature Present	Set	
Secondary Lock Present	Not Set	
High Intensity Discharge Head Lamps	Not Set	
Sport Mode Present	Not Set	
Power Left Sliding Door Present	Set	
Two Fuel Sending Units Present	Not Set	
Window Express Feature Configuration	All windows express feature	
Power Right Sliding Door Present	Set	
T-Case Type	Not Present / Not Present	
Door Alert Feature Present	Not Set	
ESCL system present	Not Set	
HVAC Configuration	Dual Zone ATC + Rear	
Fuel Capacity	64	Liters
Police Lighting Feature	Not Set	
Passive Entry Present	Set	
Premium TPM system present	Set	
Forward Collision Warning present	Set	
Vehicle Brand	Chrysler	
ELV Present	Not Set	
RKE System Present	Set	
Base TPM system present	Not Set	
Disable Display of Radio Clock	Not Set	
Collision Mitigation System present	Set	
Liftgate/Trunk Type	Power Liftgate	
Display Outside Temperature Present	Set	
Chassis Type	Type 9	
Vehicle is an SRT	Not Set	

Wheel Base	Wheel base not programmed / WB_NP	
FOBIK Safe Enable	Set	
Keyless Go Present	Set	
Auto Park Present	Set	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Paddle Shift Feature Present	Not Set	
Dynamic Tire Circumference (All or Rear)	2272	mm
Transfer Case Low Range Reduction Ratio	0.000	
Transfer Case High Ratio	1.000	No Unit
Axle Ratio	3.251	
Analog Door Sensor Configuration	Driver Door Only Analog Sensor	
Steering Ratio at Negative Angle 1	0.0	No Unit
Air Quality System Present	Not Set	
Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	
Connector F Pin 29: Horn Switch Present	Set	
Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector D Pin 15: Left Dedicated DRL Lamps Output Present	Set	
Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Connector A Pin 11: Hood Ajar Switch Input Present	Set	
Connector E Pin 34: Vacuum Cleaner Relay Output Present	Not Set	
Connector G Pin 22: VTA Warning LED Output Present	Set	
Connector D Pin 10: Trailer Tow Tail Lamp Output Present	Not Set	
Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output Present	Set	
Connector D Pin 12: PHEV ECM Hardwire Wake Up Output Present	Set	
Connectro E Pin 37: Right HID Control Output Present	Not Set	
Connector A Pin 1 and Connector D Pin 13: Front Fog Lamps Output Present	Set	
Connector E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector E Pin 11: Vacuum Switch Input	Not Set	
Connector G Pin 15: UGDO Feed Output Present	Set	
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connector E Pin 8: PHEV HCP Hardwire Wakeup	Set	
Connector F Pin 8 : Liftgate Release Outside Handle Switch 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 A Pin 3/Connector D Pin 2: Low Beam Output Present	Set	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Not Set	
Connector F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present	Not Set	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Set	
Connector E Pin 7: Left HID Relay Control Output Present	Not Set	

Connector F Pin 35: Inverter Enable Relay Output Present	Set	
Connector A Pin 10/Connector D Pin 5: Side Markers Output Present	Set	
Connector A Pin 22: Right Dedicated DRL Lamp Output Present	Set	
Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector F Pin 4: Liftgate Release Present	Not 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 E Pin 3/Connector F Pin 42: Rear Turn Lamps Output Present	Not Set	
DRL Lamp Location	Dedicated	
DRL Dropout Enable	Set	
Front Wiper Park Enable	Set	
LED Low Beam Lamps Present	Not Set	
LED High Beam Lamps Present	Not Set	
Exterior Light Loadshed Enable	Set	
LED Tail Lamps Present	Set	
LED Stop Lamps Present	Not Set	
Park Lamp Loadshed Enable	Set	
Combined Front Park/Turn Feature Enable	Not Set	
Illuminated approach Enabled	Not Set	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
Tunnel Detection	Not Set	
Hazard Lamp Configuration	Latching Switch	
LED Front Fog Lamps Present	Not Set	
Fuel Door Present	Not Set	
LED Front Turn Lamps Present	Not Set	
DRL Configuration	No DRL	
Wiper Service Position Enabled	Not Set	
Headlamp Wash Interval	wash cycle#11	
Front Wiper Wipes After Wash	2 Wipes	
Quad Headlamps Enable	Set	
One Touch Lane Change	Set	
Front Fog Lamp Dropout Enable	Set	
Dual Start Relay System Present	Not Set	
LED Reverse Lamps Present	Not Set	
Trailer Tow Present	Not Set	
LED Front Park/Marker Lamps Present	Set	
Fuel Door Release Enabled	Not Present	
LED CHMSL Lamp Present	Set	
Horn Chirp Allowed	Set	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
Headlamp Wash Shot	double	
Side Repeaters Enable	Not Set	
Tip Start Enabled	Set	
Reversible Washer Pump Enable	Set	

LED License Lamps Present	Set	
Bi Xenon Headlamps Enable	Not Set	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	
LED Rear Turn Lamps Present	Not Set	
LED Dedicated DRL Present	Set	
Rear Wiper Park Enable	Set	
LED Rear Fog Lamps Present	Not Set	
Combined Rear Lighting Enable	Set	
Power Door Locks Present	Set	
Heated Steering Wheel Present	Set	
Cabin Equilization Curve Number	RU Premium System - Harman 12ch	
Microphone Configuration	2 Microphones	
Destination	United States of America	
Rear Camera Present	Not Set	
Splashscreen Type	Vehicle Brand	
Power Inverter Present	Not Set	
Microphone Type	Peiker 300 mv	
Surround Sound Feature Present	Set	
Antenna Type	Active Primary and no secondary antenna	
External Port Type	AUX + USB	
Front Heated Seats Present	Set	
Microphone Tuning Parameter	Absent [Not Used]	
Disable CD Eject	Not Set	
Front Park Assist Present	Set	
Fleet Vehicle Content	Not Set	
AP5 Trunk Lock	Simple Switch	
AP4 Right Rear	CAN	
Airport Scenario Trunk	Not Set	
AP5 Trunk Unlock	CAN	
Tip Start Present	Set	
AP1 Left Front	Smart Switch	
AP2 Right Front	Smart Switch	
Vehicle Variant	Undefined	
AP3 Left Rear	CAN	
Heated Mirrors Present	Set	
Passenger Memory Mirror Present	Set	
Global Up	Not Set	
Window Hall Sensors Present	Not Set	
Passenger Window Lockout	Not Set	
Electro-chromatic passenger mirror present	Not Set	
Driver Memory Mirrors Present	Set	
Frameless Window Present	Not Set	
Global Down	Not Set	

Electro-chromatic driver mirror present	Set	
Sun Shade	Not Set	
Folding mirrors present	Set	
Rear Door Pre Short Drop	Not Set	
Tow Mirror Present	Not Set	
Mirror turn signals present	Set	
Blindspot Mirror Present	Set	
Puddle Lamp Present	Not Set	
Window Motor Type	Not Set	
Heated Steering Wheel Present	Present	
Stow 'n Assist Present - Driver	Set	
Rear Heated Seats Present	Not Present	
Front Vented Seats Present	Present	
Heated Seat Material Type	Base Leather	
Stow 'n Assist Present - Passenger	Set	
Tilt/Telescope Steering Present	Not Set	
Heated Wheel Material Type	Full Leather	
Memory Adjustable Pedals Present	Not Set	
Driver Memory Seat Present	Set	
Brake System ECU Configuration A	value 0	
Dual Alternator Present	Not Set	
ECO Mode Configuration	Remember Previous State with Ignition Key Cycle	
Max Engine Off Time	220	Time
License Plate Lamp Disable	Not Set	
Rain Sensor Module #2 Present	Set	
Connector E Pin 39: Right Rear Turn Signal	Right Rear Turn Signal	
Connector D Pin 8: Digital Spare Input #2	Not Present	
Connector F Pin 15: Driver Door Lock Switch Input	Not Present	
Connector G Pin 2: Fog Lamp Switch Input	Fog Lamp Switch	
Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)	Right B-Pillar Sliding Door Switch	
Ambient Stable Counter Limit	40	Counter
Manual Door Locks Present	Not Set	
Connector F Pin 30: Fuel Door Lock (BUX)	Not Present	
Connector F Pin 37: Vacuum Cleaner Power Saver Indicator	Not Present	
Connector G Pin11/Connector G Pin 12: Not Used	ERS	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Heatsoak Flush Time	105	Time
Connector F Pin 29: Horn Switch Present	Horn Switch Input	
Connector D Pin 4: Digital Spare Input #1	Not Present	
Auto High Beam Module Location	HaLF	
Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)	Left B-Pillar sliding Door Switch	
Connector F Pin 34: Spare HSD	Not Present	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Rear Wiper (0)	

Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28	Set	
CHMSL Lamp Output Disable	Not Set	
Engine Off Clear Time	180	Time
Heatsoak Speed	15	Counter
Connector F Pin 16: Passenger Door Lock Switch Input	Not Present	
Connecetor F Pin 33: Fuel Door Unlock (BUX)	Not Present	
Humidy Sensor Long Present	Set	
Heatsoak Set Time	15	Time
Maximum Longitudinal Change	Filter Off	
Acceleration Factor	Filter Off	
Acceleration Threshold	Filter Off	
Maximum Lateral Change	Filter Off	
Brake Smoothing Threshold	Filter Off	
Average Last Longitudinal Acceleration Values	No Averaging	
Steering Smoothing Factor	Filter Off	
Steering Smoothing Threshold	Filter Off	
Nose Dive Threshold	Filter Off	
Excess Lateral Acceleration Factor	Filter Off	
Brake Smoothing Duration	Filter Off	
Excess Longitudinal Acceleration Factor	Filter Off	
Average Last Lateral Acceleration Values	No Averaging	
Steering Smoothing Duration	Filter Off	
Brake Smoothing Factor	Filter Off	
Nose Dive Factor	Filter Off	
Interior Lighting Day Threshold	4.27498	Volt
VTA Hood Ajar Monitoring	Not Set	
PE Auto-Relock Feature Enable	Set	
Headlamp Soak Delay	1.0 sec	
RKE Auto-Relock Feature Enable	Not Set	
Auto High Beam ON Threshold	25 km/hr	
Horn Chirp Duration	Short	
Interior Lighting Night Threshold	4.45147	Volt
Auto High Beam OFF Threshold	20 km/hr	
Parking Light Enable	Not Set	
Temperature Display Resolution	HaLF	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Sunroof Present	Set	
Smart Alternator Present	Not Set	
Auto Dimming Mirror Hard Button Present	Set	
Radio Speaker Open Circuit Disable (RR)	Not Set	
Automatic Crash Notification Feature Present	Undefined	
Surround View Camera On/Off Softkey Present	Set	
Drive Mode Version	Version 1	
Radio Speaker Open Circuit Disable (RF)	Not Set	

Radio Speaker Open Circuit Disable (LF)	Not Set	
Radio Speaker Open Circuit Disable (LR)	Not Set	
Show Phone Information in Cluster	01	
ANC Calibration Parameter Data Set	Harman Amplified 3.6L PHEV Sunroof	
Park Assist Tuning Set	BUX Front and Rear Only	
3rd Row Lock CSO	Not Set	
1st Row Seat Side Airbags Present	True	
Passive Ped Pro Present	False	
Driver Kneebag Present	True	
Tow Hooks Present	False	
Curtain Airbags Present	True	
BUX Market	False	
ODS Present	False	
Integrated EPP Present	False	
Passenger Kneebag Present	True	
IBS Minimum Charge Limit	600	mA
IBS Minimum Voltage Limit	5.0	Volts
Battery Type II	255	
Battery Types	SNA	
IBS Quiescence Current Limit	-250	mA
IBS Activate MWU	Not Set	
IBS Minimal Charge Limit	10	AmpHrs
Siren	Not Set	
Tilt	Not Set	
Ultrasonics	Not Set	
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
Alert no Reply	Set	
Humidity Sensor Present	Set	
Alert On System Fault	Set	
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
OHC Module Present	Set	
Fobik Safe Alerts Per Ignition Cycle	2	
HFRM Present	Set	
Washer Fluid Level Voltage Threshold	4.46 volts	
Panic Enable	Set	
Alert On Search Timeout	Set	
Compass Mounting Orientation	Rightside up	
EVIC SWS Module Present	Set	
VTA System Present	VTA	
CRVMM Present	Set	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
Auto Relock Time	60	seconds
Compass Mounting Angle	0	Degree

IBS Present	Set	
Rear View Camera Static Grid Lines Enabled	Not Set	
Rear View Camera Dynamic Grid Lines Enabled	Not Set	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	
Connector A Pin 2: Right High Beam Feed	Right High Beam (0)	
Connector E Pin 1: Backup-Reverse lamp Right	Set	
Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel resistors	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	
Connector F Pin 41: Backup-Reverse lamp Left	Set	
Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	
Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Connector F Pin 42: Right Rear Turn Signal	Right Rear Turn Signal	
Stop/Start Enable Switch Present	Not Set	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Reserved	
Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	
Connector D Pin 1: Left High Beam Feed	Left High Beam (0)	
Connector F Pin 5: Left Rear Fog Lamp	Output Disable	
Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	
FSM	Not Set	
HVACR	Set	
PSDMR	Set	
ICS	Set	
ITM	Not Set	
DMRR	Set	
EOMR	Set	
HVAC	Set	
MSMP	Set	
CVPM	Set	
PLGM	Set	
PSDML	Set	
EAM	Not Set	
DTV	Not Set	
Radio	Set	
DSM	Set	
HSM	Set	

DMRL	Set	
VTM	Not Set	
EDM	Set	
BCM (Interior Bus)	Set	
VRM	Set	
ANC	Not Set	
MSM	Set	
PDM	Set	
DDM	Set	
AMP	Set	
AHLM	Not Set	
ACC	Set	
RFH	Set	
ESL	Not Set	
ABSO	Set	
ORC	Set	
HCP	Set	
ESM	Set	
SCCM	Set	
FFCM	Set	
IPC	Set	
OCM	Set	
TCM	Not Set	
PTS	Set	
ABS	Not Set	
BCM (PT)	Set	
EPS	Set	
PCM	Set	
Right Low Beam Voltage Regulation	14 Volts	
Left Rear Corner Voltage	14 Volts	
Right High Beam Voltage Regulation	13.8 Volts	
Auto Headlamp On Threshold	3.31409	Volt
Left Front Corner Voltage	13.2 Volts	
Auto Headlamp Off Threshold	2.54930	Volt
Left High Beam Voltage Regulation	13.6 Volts	
Right Rear Corner Voltage	14 Volts	
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Right Front Corner Voltage	13.4 Volts	
Left Low Beam Voltage Regulation	13.6 Volts	
ESC	Set	
ECM	Set	
BPCM	Set	
ESM	Set	
OBCM	Set	

EAC	Set	
EBCM	Set	
ORC	Set	
APM	Set	
HCP	Set	
AHCP	Set	
Flash Lamps on Lock	Set	
Accessory Delay Time	45	seconds
Illuminated Approach Time	30	seconds
Unlock all doors on 1st press	Set	
Auto Unlock	Set	
Sliding Door Chime Enable	Set	
Headlamp Delay Time	30	seconds
Auto Highbeam	Set	
Sound Horn On Lock Status	Chirp on 1st press/FIRST	
Daytime Running Lamps	Set	
Sliding Door Alert	Not Set	
Sound Horn on Remote Start	Set	
Headlamps on with Wipers	Set	
Auto Lock	Set	
Auto Wipers	Set	
Hands Free Sliding Door Enable	Set	
Sound Horn on Lock	Set	

RADIO CONFIGURATION

NAME	VALUE	UNITS
GPS on the Bus messaging Authorization	Allowed	
Compass on the bus messaging Authorization	Allowed	
Satellite Subscription Status	Subscribed	
Satellite Subscription ID	VXHLKD80	
Satellite Subscription Reason Code	00	
Satellite Subscription Suspend Day	01	
Satellite Subscription Suspend Month	01	
Satellite Subscription Suspend Year	46	
Aux Jack	Not Inserted	
SD Card Readers Detected	0	No Unit
Enumerated USB Devices	0	No Unit
USB Hubs Detected	1	No Unit
DTV Short Term Configuration	—	
911 Button	On	
Splash Screen	Chrysler	
Cabin EQ Curve Number Currently Used by Radio	35	
Clock Defeat	Off	
Anti-Theft Enable Status	On	

12/24 Time Selection	12 Hour Time
Front Seat Video Playback	Enabled
Automated Loudness	On
SDARS	True
Navigation Active	True
Cellular	True
Application Framework	True
Bluetooth	True
Internal CD Player	False
FM Diversity	False
Wi-Fi	True

HVACR CONFIGURATION

NAME	VALUE	UNITS
DualZone ATC Control (BB)	False	
MTC w EBL (3Knob)	False	
Dual Zone MTC Control (BB)	False	
MTC heater only (3Knob)	False	
MTC wo EBL (3Knob)	False	
DualZone ATC Control (Factory) (BB)	False	
Single Zone MTC Control (BB)	False	

FFCM CONFIGURATION

NAME	VALUE	UNITS
Traceability info	02202230742707	
Traceability info	11202284495404	
HIL mode Enabled	False	
XCP 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	2272	mm
VC Chassis Type	Type 9	
Axle Ratio	3.251	No Unit
Hardwired VSO	True	
ACC	True	
Multiple Pressure Sensors	True	
Rear Directional Sensors	True	

Feature PIN	False	
Front Directional Sensors	False	
EPB	True	



ECU DETAILS REPORT

Vehicle 2020 CHRYSLER PACIFICA/VOYAGER 3.6L V6 HYBRID ENGINE
VIN 2C4RC1N7 [REDACTED]

Odometer 110.7 km
Publication Date Sep 16, 2020, 10:50:02 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	????????	????????	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	68434956AD	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68434956AD
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	68424601AF	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68424601AF

ACC	Adaptive Cruise Control	CAN-C	68417813AF	2C4RC1N		2C4RC1N	68417813AF
RADIO	Radio	CAN-I	68461768AD	2C4RC1		2C4RC1N	68461768AD
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N		2C4RC1N	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N		2C4RC1N	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1N		2C4RC1N	68493395AA
EDM	External Disc Module	CAN-I	68378304AB	2C4RC1N		2C4RC1N	68378304AB
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N		2C4RC1N	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1N		2C4RC1N	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190289AC	2C4RC1N		2C4RC1N	05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1N		2C4RC1N	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N		2C4RC1N	68321862AC
DSM	Display Screen Module	CAN-I	68316174AC	2C4RC1N		2C4RC1N	68316174AC
VRM	Video Routing Module	CAN-I	68376134AG	2C4RC1N		2C4RC1N	68376134AG
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1N		2C4RC1N	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N		2C4RC1N	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N		2C4RC1N	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC	2C4RC1N		2C4RC1N	05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AA	2C4RC1N		2C4RC1N	68461813AA
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1N		2C4RC1N	68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB			2C4RC1N	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	14 0B 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
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 1D 07	13 30 01	4005	92BCF62B 04D8393A 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 1D 07	13 30 01	4000	
EBBM	USA	0E 19 02	12 31 17	4000	AD6A1E22
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

ECU DETAILS

PCM DETAILS

NAME	VALUE
Software Version (Major/Middle/Minor)	46 03 01
Diagnostic Version	19

Supplier ID	Motorola
Hardware Version (Major/Minor)	1B 47
ECU Part Number	68444228AE
Variant ID	44
VIN - Original	2C4RC1N73LR267234
Serial Number	T00EP2110IU0V1
VIN Current	2C4RC1N73LR267234
Model Year	20
Country Code	USA
Vehicle Line	2D
Body Style	Station Wagon
Odometer When Original VIN First Written	4294967295.0000

ICS DETAILS

NAME	VALUE
VIN Original	2C4RC1N7 [REDACTED]
VIN Current	2C4RC1N7 [REDACTED]
ECU Part Number	6UX621X8AA
Model Year	2020
Body Style	Station Wagon
Vehicle Line	RU
Country Code	USA
Active Diagnostic Version	00
ECU Software Mode	Running in Application
Active Diagnostic Session	Default
Gateway	False
Active Diagnostic Variant	47

RFH DETAILS

NAME	VALUE
IAC Data	—
Hardware Version - Week	17
Hardware Version - Patch Level	00
Hardware Version - Year	10
ECU Part Number	68453559AB
ECU Serial Number	T01Z22110B1004
Software Version - Week	09
Software Version - Year	13
Software Version - Patch Level	00
Hardware Supplier	Continental
VIN Current	2C4RC1N7 [REDACTED]
Hardware Part Number	16135703AC
Body Style	station wagon / BODY_WAGON
Vehicle Line	RU

Country Code	USA / USA
Model Year	2020
Active Diagnostic Version	00
Active Diagnostic Session	Extended
ECU Software Mode	Running in Application
Active Diagnostic Variant	4A
VIN Original	2C4RC1N7 [REDACTED]
Software Supplier	Continental

ESM DETAILS

NAME	VALUE
ECU Part Number	68240089AM
Active Diagnostic Variant	44
Active Diagnostic Version	02

ORC DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	01
Body Style	Station Wagon
Vehicle Line	RU / VEH_RU
Model Year	2020
Country Code	USA / USA
ECU Serial Number	T04JF1960G017B

EPS DETAILS

NAME	VALUE
HW - Week	42
HW - Year	2018
HW - Patch Level	00
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Country Code	USA / USA
Model Year	2020
VIN Current	2C4RC1N7 [REDACTED]
Active Diagnostic Version	02
Active Diagnostic Variant	45
SW - Patch Level	01
SW - year	2018
SW - week	30
VIN Original	2C4RC1N7 [REDACTED]
ECU Part Number	68460392AA

HVAC DETAILS

NAME	VALUE
VIN Current	2C4RC1N [REDACTED]
ECU Part Number	68447893AC
VIN Original	2C4RC1N [REDACTED]
Body Style	Station Wagon
Country Code	USA
Model Year	2020
ECU Serial Number	TEA290800P02
Active Diagnostic Version	01
Active Diagnostic Variant	44

DDM DETAILS

NAME	VALUE
ECU Part Number	68424449AC
Active Diagnostic Version	02
Active Diagnostic Variant	42
VIN Current	2C4RC1N7 [REDACTED]
VIN Original	2C4RC1N7 [REDACTED]

PDM DETAILS

NAME	VALUE
Serial Number	TRU2C0600003EE
Active Diagnostic Variant	42
Active Diagnostic Version	02
Active Diagnostic Session	Default
Gateway	False
ECU Part Number	68424448AC
VIN Current	2C4RC1N7 [REDACTED]
VIN Original	2C4RC1N7 [REDACTED]
Model Year	2020
Country Code	USA
Vehicle Line	RU

DMRL DETAILS

NAME	VALUE
Hardware Part Number	68225096AG
Active Diagnostic Variant	42
Active Diagnostic Version	01
Body Style	Station Wagon
Vehicle Line	RU / VEH_RU
Model Year	2020
Country Code	USA / USA
Software Part Number	68225096AG
VIN Original	2C4RC1N7 [REDACTED]

ECU Part Number	68225096AG
VIN Current	2C4RC1N7 [REDACTED]

DMRR DETAILS

NAME	VALUE
ECU Part Number	68225096AG
Active Diagnostic Variant	42
Active Diagnostic Version	01
VIN Current	2C4RC1N7 [REDACTED]
Hardware Part Number	68225096AG
Software Part Number	68225096AG
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2020
Vehicle Line	RU / VEH_RU
VIN Original	2C4RC1N7 [REDACTED]

PSDML DETAILS

NAME	VALUE
VIN Original	2C4RC1N73 [REDACTED]
Active Diagnostic Variant	40
Active Diagnostic Version	01
Body Style	Station Wagon
Country Code	USA / USA
Vehicle Line	RU / VEH_RU
Model Year	2020
VIN Current	2C4RC1N73 [REDACTED]
ECU Part Number	68369596AD
Hardware Supplier Identification	Delphi

PSDMR DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	01
ECU Part Number	68369596AD
VIN Original	2C4RC1N7 [REDACTED]
VIN Current	2C4RC1N7 [REDACTED]
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2020
Vehicle Line	RU / VEH_RU
Hardware Supplier Identification	Delphi

MSM DETAILS

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NAME	VALUE
Body Style	BODY_WAGON
Vehicle Line	RU
Model Year	2020
Country Code	USA
VIN Original	2C4RC1N7 [REDACTED]
Software Logical Block #0 Part Number	68321862AC
ECU Serial Number	TLK220001358
Software Logical Block Supplier Identification	Kostal
Gateway	False
Active Diagnostic Variant	41
Active Diagnostic Session	Default
Active Diagnostic Version	01
ECU Software Mode	Running in Application
ECU Part Number	68321862AC
VIN Current	2C4RC1N [REDACTED]
Hardware Part Number	68321862AC

PLGM DETAILS

NAME	VALUE
Chrysler Group Hardware Number	68316094AF
Active Diagnostic Variant	42
Active Diagnostic Version	02
Serial Number	TPLUF2 [REDACTED]
Body Style	Station Wagon
Country Code	USA
Vehicle Line	RU
Model Year	2020
Chrysler Group Software Number	68316094AF
VIN Current	????????????????
VIN Original	????????????????
Hardware Supplier Identification	Continental

CSWM DETAILS

NAME	VALUE
Active Diagnostic Variant	43
ECU Software Mode	Running in Application
Gateway	False
Active Diagnostic Version	02
Software Part Number	68434912AC
ECU Part Number	68434912AC
Vehicle Line	RU
Body Style	Station Wagon
Model Year	2020

Country Code	USA
VIN Current	2C4RC1N7 [REDACTED]
Hardware Supplier Identification	Continental
Software Logical Block Supplier Identification	Continental
Hardware Part Number	68434912AC

AMP DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	21
ECU Part Number	68448067AA
HW - Patch Level	01
HW - Week	6
HW - Year	0F
VIN Original	2C4RC1N7 [REDACTED]
EQ Software Version	049100
Hardware Part Number	68448067AA
ECU Serial Number	5022AB21800489
Body Style	Station Wagon
Vehicle Line	RU
Model Year	2020
Software Part Number	68448067AA
Software Supplier Identification	Harman / Becker
VIN Current	2C4RC1N7 [REDACTED]
Hardware Supplier Identification	Harman / Becker
SW - week	46
SW - year	18
SW - Patch Level	1

IPC DETAILS

NAME	VALUE
Active Diagnostic Variant	47
Active Diagnostic Version	04
ECU Serial Number	TCL225000701
Software Supplier Identification	Nippon Seiki (NS Intl)
Model Year	2020
Vehicle Line	RU
Country Code	USA / USA
Body Style	Station Wagon
Software - Week Block #0	11
Software - Year Block #0	2020
Software - Patch Level Block #0	00
VIN Original	2C4RC1N7 [REDACTED]
VIN Current	2C4RC1N7 [REDACTED]

Hardware Part Number	68434956AD
ECU Part Number	68434956AD
Software Logical Block #0 Part Number	68434954AD
Hardware - Patch Level	00
Hardware - Week	6
Hardware - Year	2018
Hardware Supplier Identification	Nippon Seiki (NS Intl)

PTS DETAILS

NAME	VALUE
Country Code	USA
Model Year	2020
Body Style	BODY_WAGON
Vehicle Line	RU
Serial Number	T00FF212000420
ECU Part Number	68193775AJ
VIN Original	2C4RC1N7 [REDACTED]
Active Diagnostic Session	Default
Active Diagnostic Variant	43
Active Diagnostic Version	11
ECU Software Mode	Running in Application
Hardware Supplier Identification	Bosch
HW - Year	2014
HW - Week	50
HW - Patch Level	00
SW Part Number	68193775AJ
SW - week	31
SW - year	2018
SW - Patch Level	00
VIN Current	2C4RC1N73 [REDACTED]
Software Supplier Identification	Bosch

SCCM DETAILS

NAME	VALUE
ECU Serial Number	S21700298
Hardware Part Number	10333273AA
VIN Current	2C4RC1N [REDACTED]
Vehicle Line	RU
Model Year	2020
Country Code	USA
Body Style	BODY_WAGON
ECU Part Number	68360889AD
Hardware Supplier Identification	Kostal
Software Logical Block #0 Part Number	10306803AB

Software Logical Block Supplier Identification	Kostal
Active Diagnostic Version	1
Active Diagnostic Variant	43
ECU Software Mode	Running in Application
VIN Original	2C4RC1N [REDACTED]
SW - year	19
SW - Patch Level	0
SW - week	41
HW - Week	40
HW - Patch Level	0
HW - Year	19

BCM DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Active Diagnostic Variant	44
Active Diagnostic Version	15
Software Logical Block #0 Part Number	68424602AF
ECU Part Number	68424601AF
VIN Current	2C4RC1N7 [REDACTED]
Ignition Run Start	Run/Start
VIN Original	2C4RC1N7 [REDACTED]
Software Logical Block Supplier Identification	Continental
Country Code	USA
ECU Serial Number	TYH223000651
Hardware Supplier Identification	Continental

ACC DETAILS

NAME	VALUE
Active Diagnostic Version	00
Active Diagnostic Variant	44
HW Part Number	68417813AE
VIN Original	2C4RC1N7 [REDACTED]
SW Part Number (Application)	68419331AF
SW Part Number (Parameter)	0000000000
ECU Part Number	68417813AF

RADIO DETAILS

NAME	VALUE
Model Year	2020
Body Style	Wagon
Vehicle Line	RU
Country Code	USA
Market Selection Configuration	02

Active Diagnostic Version	05
Active Diagnostic Variant	82
ECU Part Number	68461768AD
VIN Current	2C4RC1N [REDACTED]
Sales Code	V
Hardware Supplier Identification	Panasonic
SW - week	49
SW - year	2019
SW - Patch Level	14
Hardware Part Number	CNSC19N0GL
Software Supplier Identification	Panasonic
ECU Serial Number	T M9219003947
HW - Week	49
HW - Year	2019
HW - Patch Level	14
ECU Software Number	68461768AD
VIN Original	2C4RC1N7 [REDACTED]
Software Part Number	68461768AD
ECU Software Version Number	4913
ECU Hardware Version Number	20

OCM DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	30
Model Year	2020
Country Code	USA / USA
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
VIN Original	2C4RC1N7 [REDACTED]
ECU Serial Number	TRUJY19 [REDACTED]
ECU Part Number	68403127AA
Software Logical Block #0 Part Number	28444600
Hardware Part Number	28608000
VIN Current	2C4RC1N73 [REDACTED]

HVACR DETAILS

NAME	VALUE
ECU Serial Number	FF FF FF FF FF FF FF FF FF FF FF FF
VIN Current	2C4RC1N [REDACTED]
Model Year	20
Vehicle Line	RU
Body Style	Station Wagon
Country Code	USA

Active Diagnostic Variant	43
Active Diagnostic Version	01

LBSS DETAILS

NAME	VALUE
ECU Part Number	04672786AB
ECU Software Mode	Running in Application
Active Diagnostic Variant	42
Active Diagnostic Version	02
Active Diagnostic Session	Default
Gateway	False
VIN Original	2C4RC1N [REDACTED]
VIN Current	2C4RC1N [REDACTED]

RBSS DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Gateway	False
Active Diagnostic Variant	42
Active Diagnostic Version	02
Active Diagnostic Session	Default
ECU Part Number	04672786AB
VIN Original	2C4RC1N7 [REDACTED]
VIN Current	2C4RC1N7 [REDACTED]

FFCM DETAILS

NAME	VALUE
Active Diagnostic Variant	41
Active Diagnostic Version	02
Vehicle Line	RU
Model Year	2020
Body Style	Station Wagon
Country Code	USA / USA
VIN Current	2C4RC1N7 [REDACTED]
VIN Original	2C4RC1N7 [REDACTED]
ECU Part Number	68493395AA

EDM DETAILS

NAME	VALUE
Sales Code	RDU
HW - Patch Level	00
HW - Year	12
HW - Week	10

Active Diagnostic Version	00
Active Diagnostic Variant	40
VIN Original	2C4RC1N7 [REDACTED]
ECU Part Number	68378304AB
ECU Serial Number	T00AM1760T0210
VIN Current	2C4RC1N7 [REDACTED]
Software Supplier Identification	Mitsubishi Electric
Model Year	2020
Country Code	USA
Body Style	Wagon
Vehicle Line	RU
Hardware Supplier Identification	Mitsubishi Electric
SW - year	17
SW - week	8
SW - Patch Level	0

APM DETAILS

NAME	VALUE
ECU Serial Number	TD6VA [REDACTED]
Active Diagnostic Variant	40
Active Diagnostic Version	01
VIN Original	2C4RC1N7 [REDACTED]
Country Code	USA / USA
Vehicle Line	RU
Model Year	2016
VIN Current	2C4RC1N7 [REDACTED]
ECU Part Number	05185046AB

BPCM DETAILS

NAME	VALUE
ECU Part Number	05193166AD
SW - week	24
SW - year	2019
SW - Patch Level	03
ECU Serial Number	TESIG23 [REDACTED]
VIN Current	2C4RC1N7 [REDACTED]
Active Diagnostic Variant	40
Active Diagnostic Version	05
VIN Original	2C4RC1N73 [REDACTED]

HCP DETAILS

NAME	VALUE
HCP SW Version	C19A
MCP SW Version	2003B0

Transmission Assembly Traceability Number	
Transmission Assembly Part Number	
Active Diagnostic Variant	40
Active Diagnostic Version	05
ECU Serial Number	TMMVL0518B0074
VIN Current	2C4RC1N7 [REDACTED]
VIN Original	2C4RC1N7 [REDACTED]

OBCM DETAILS

NAME	VALUE
VIN Original	2C4RC1N7 [REDACTED]
Active Diagnostic Variant	40
Active Diagnostic Version	02
ECU Serial Number	TD63H1 [REDACTED]
ECU Part Number	05185047AE
VIN Current	2C4RC1N7 [REDACTED]

MSMP DETAILS

NAME	VALUE
ECU Part Number	6832 [REDACTED]
Country Code	USA
Body Style	Station Wagon
Vehicle Line	RU
Model Year	2020
ECU Serial Number	TLK219001576
Active Diagnostic Variant	40
Gateway	False
Active Diagnostic Version	1
Active Diagnostic Session	Default
ECU Software Mode	Running in Application
Software Logical Block #0 Part Number	68321862AC
VIN Original	2C4RC1N7 [REDACTED]
VIN Current	2C4RC1N7 [REDACTED]
Hardware Part Number	68321862AC
Software Logical Block Supplier Identification	Kostal

DSM DETAILS

NAME	VALUE
Software Logical Block #0 Part Number	1808280000
ECU Part Number	68316174AC
ECU Serial Number	000000958525
Country Code	USA / USA
Vehicle Line	RU
Model Year	2020

Body Style	Station Wagon
Hardware Part Number	BGM9610070
VIN Current	2C4RC1N7 [REDACTED]
Active Diagnostic Version	00
ECU Software Mode	Running in Application
Active Diagnostic Variant	40
Active Diagnostic Session	Default
Gateway	False
VIN Original	2C4RC1N7 [REDACTED]

VRM DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Active Diagnostic Variant	40
Active Diagnostic Version	01
VIN Current	2C4RC1N7 [REDACTED]
Software Part Number	10028795
Vehicle Line	RU
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2020
VIN Original	2C4RC1N7 [REDACTED]

RCCC DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Active Diagnostic Version	00
Active Diagnostic Variant	40
Active Diagnostic Session	Default
Gateway	False
VIN Original	2C4RC1N7 [REDACTED]
ECU Serial Number	T226010575
ECU Part Number	6WL30DX9AA
VIN Current	2C4RC1N7 [REDACTED]
Vehicle Line	RU
Model Year	20
Country Code	USA
Body Style	Station Wagon
Hardware Part Number	68223337AB

CVPM DETAILS

NAME	VALUE
Country Code	USA / USA
Vehicle Line	RU

Body Style	Station Wagon
Model Year	2020
ECU Serial Number	T00195030114
VIN Original	2C4RC1N7 [REDACTED]
ECU Part Number	68375113AB
Active Diagnostic Version	03
Active Diagnostic Variant	40
VIN Current	2C4RC1N7 [REDACTED]

EAC DETAILS

NAME	VALUE
Active Diagnostic Variant	41
Active Diagnostic Version	02
VIN Current	2C4RC1N7 [REDACTED]
ECU Part Number	68237995AG
VIN Original	2C4RC1N7 [REDACTED]

AHCP DETAILS

NAME	VALUE
AHCP SW Version	C19A
MCPA SW Version	2003B0
VIN Original	2C4RC1N7 [REDACTED]
Body Style	Station Wagon
Model Year	2020
Vehicle Line	RU
Active Diagnostic Version	00
Active Diagnostic Variant	40
ECU Part Number	05190290AC
Hardware Part Number	05190174AL
VIN Current	2C4RC1N7 [REDACTED]

EBBM DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	00
ECU Part Number	68461813AA
ECU Serial Number	T006M0 [REDACTED]

ABSO DETAILS

NAME	VALUE
Sensor Cluster Serial Number	1FJ40T10G069
Active Diagnostic Version	01
Active Diagnostic Variant	42
Model Year	2020

Body Style	Station Wagon
Country Code	USA
Vehicle Line	RU
ECU Serial Number	T004F08 [REDACTED]
ECU Part Number	68471122AD

SGW DETAILS

NAME	VALUE
System Supplier ECU Software Number	V230
Supplier ID	Bosch
Diagnostic Variant ID	41
Diagnostic Version	03
ECU Part Number	68447193AB
VIN Original	2C4RC1N7 [REDACTED]
Active Diagnostic Session Data Identifier	Extended Diagnostic Session
ECU Serial Number	54 46 31 31 36 32 32 31 30 4A 33 31 34 33 30
System Supplier ECU Hardware Number	6002JE1371
System Supplier ECU Software Version Number	779
System Supplier ECU Hardware Version Number	5



VEHICLE SCAN REPORT

Vehicle 2020 CHRYSLER PACIFICA/VOYAGER 3.6L V6 HYBRID ENGINE
VIN 2C4RC1N7 [REDACTED]

Odometer 110.7 km
Publication Date Sep 16, 2020, 10:49:34 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT V	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68444228AE	2C4RC1N73	2C4RC1N7	68444228AE
ICS	Integrated Center Stack	CAN-I	6UX621X8AA	2C4RC1N73	2C4RC1N7	6UX621X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB	2C4RC1N73	2C4RC1N7	68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1N73	2C4RC1N7	68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD	2C4RC1N73	2C4RC1N7	68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1N73	2C4RC1N7	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC	2C4RC1N73	2C4RC1N7	68447893AC
DDM	Driver Door Module	CAN-I	68424449AC	2C4RC1N73	2C4RC1N7	68424449AC
PDM	Passenger Door Module	CAN-I	68424448AC	2C4RC1N73	2C4RC1N7	68424448AC
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N73	2C4RC1N7	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N73	2C4RC1N7	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1N73	2C4RC1N7	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1N73	2C4RC1N7	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N73	2C4RC1N7	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	??????????	??????????	68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434912AC	2C4RC1N73	2C4RC1N7	68434912AC
AMP	Amplifier	CAN-I	68448067AA	2C4RC1N73	2C4RC1N7	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434956AD	2C4RC1N73	2C4RC1N7	68434956AD
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N73	2C4RC1N7	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1N73	2C4RC1N7	68360889AD
BCM	Body Controller	CAN-C	68424601AF	2C4RC1N73	2C4RC1N7	68424601AF

ACC	Adaptive Cruise Control	CAN-C	68417813AF	2C4RC1N		2C4RC1N7	68417813AF
RADIO	Radio	CAN-I	68461768AD	2C4RC1		2C4RC1N7	68461768AD
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N		2C4RC1N7	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N		2C4RC1N7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N7	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1N		2C4RC1N7	68493395AA
EDM	External Disc Module	CAN-I	68378304AB	2C4RC1N		2C4RC1N7	68378304AB
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N		2C4RC1N7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1N		2C4RC1N7	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190289AC	2C4RC1N		2C4RC1N7	05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1N		2C4RC1N7	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N		2C4RC1N7	68321862AC
DSM	Display Screen Module	CAN-I	68316174AC	2C4RC1N		2C4RC1N7	68316174AC
VRM	Video Routing Module	CAN-I	68376134AG	2C4RC1N		2C4RC1N7	68376134AG
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1N		2C4RC1N7	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N		2C4RC1N7	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N		2C4RC1N7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC	2C4RC1N		2C4RC1N7	05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AA	2C4RC1N		2C4RC1N7	68461813AA
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1N		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	14 0B 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
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 1D 07	13 30 01	4005	92BCF62B 04D8393A 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 1D 07	13 30 01	4000	
EBBM	USA	0E 19 02	12 31 17	4000	AD6A1E22
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
ESM	U1817-00	Lost Communication With Hybrid Powertrain Control Module on D-PT-	Stored
APM	P0A8F-00	DC to DC Converter System Performance-	Stored
APM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored

BPCM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
BPCM	P1A21-00	HV Battery Contactor Control Sequence Incorrect-	Stored
HCP	P062F-00	Internal Control Module EEPROM Error-	Stored
HCP	P0A78-00	Drive Motor A Inverter Performance-	Stored
HCP	P0A79-00	Drive Motor B Inverter Performance-	Stored
HCP	P0C1A-00	Drive Motor B Torque Delivered Performance-	Stored
HCP	P1AEC-00	MCPA HV Battery Voltage Sensor Circuit Performance-	Pending
HCP	P1AFC-00	MCPA Lost Communication With HCP-	Stored
HCP	P1AFD-00	MCPA Lost Communication With MCPB-	Stored
HCP	U0073-00	Hybrid/EV Bus Off-	Stored
HCP	U1817-00	Lost Communication With Hybrid Powertrain Control Module on D-PT-	Stored
OBCM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
VRM	U01B8-00		Stored

ENVIRONMENTAL DATA SUMMARY

ESM | U1817-00 | Stored | Lost Communication With Hybrid Powertrain Control Module on D-PT-

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
DTC	D8 17 00	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Ignition Status	Ignition Run	
Test Not Completed This Operation Cycle	False	
Original Odometer Value	96	km
Most Recent Odometer Value	96	km
Frequency Counter	5	
Operating Voltage	13.2	Volts
Ignition Cycle Counter	3	
Operation Time	470	Min

APM | P0A8F-00 | Stored | DC to DC Converter System Performance-

NAME	VALUE	UNITS
DTC	0A 8F 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Pending DTC	False	

Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
HCP Commanded APM Operating Mode	Buck_CV	
APM Derating Reason	Default(Normal Operation)	
APM Operation Mode Status Reported from APM	Failure	
APM Derating Mode Status	No de-rating	
APM Failure Mode Status	No failure	
APM Failure Reason	Failure because of Temp diff is high/Failure 29	
Original Odometer Value	96	km
Most Recent Odometer Value	96	km
Frequency Counter	1	
APM High Voltage DC Voltage Set Point	14.0000	Volt
APM High Voltage DC Current Set Point	7.0000	AMP
Ignition Cycle Counter	5	
APM Low Voltage DC Voltage Set Point	12.31	Volt
APM Low Voltage DC Current Set Point	100.0000	AMP
Low voltage battery voltage from HCP	12.5600	Volt

APM | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C2 93 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	Error	
HCP Commanded APM Operating Mode	Buck_CV	
APM Derating Mode Status	No de-rating	
APM Failure Mode Status	No failure	
APM Operation Mode Status Reported from APM	Failure	
APM Derating Reason	Default(Normal Operation)	
APM Failure Reason	Failure because of Temp diff is high/Failure 29	
Original Odometer Value	96	km
Most Recent Odometer Value	96	km
Ignition Cycle Counter	5	
Frequency Counter	1	
APM High Voltage DC Current Set Point	7.0000	AMP
APM Low Voltage DC Current Set Point	100.0000	AMP

APM High Voltage DC Voltage Set Point	14.0000	Volt
APM Low Voltage DC Voltage Set Point	12.31	Volt
Low voltage battery voltage from HCP	12.5600	Volt

BPCM | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
HCP Contactor Command	Open	
Key in Ignition	Key_Def	
Key Position	Ign_ Run	
EPT -WakeUp	Sourced	
Qualified Contactor Command - QCC	Open	
Contactor Status	Open	
Plug in Status	Not plugged in	
Verified Contactor Command - VCC	Open	
ChargingLevel	Plug in, but no charge	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Balance Mode	True	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status - Battery pack	PASS	
HVIL Status -Vehicle	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Overcurrent	PASS	
Pump - Switch Power Shorted	PASS	
Pump - Overtemperature	PASS	
Pump - Dry Run Detection	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	14	
Battery Cell Lowest Cell number	46	
Battery Temperature Lowest Sensor number	11	
Battery Temperature Highest Sensor number	06	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
Isolation Vehicle Diagnostic Status	Run and Passed	
Pump - Battery Coolant Level Low	False	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Fault Input	Not Active	
BPCM Sec Asic Reset Req	Not Active	
BPCM Sec CC Path Test Active	Not Active	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	

BPCM Sec HW Timer Status	Not Active	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM Sec Asic Fault State	NOTASSERTED	
BPCM Main HW Timer Status	Not Active	
BPCM Sec Contactor State	Open	
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	
DTC	C2 93 00	
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	A8	
Test Failed Since Last Clear	True	
Ignition Cycle Counter	1	
Frequency Counter	4	
FoM - for this DTC (lifetime fails)	2	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
Vehicle mileage at time of fault (ODO signal in \$3D2)	110.50	km
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
System (12) Volts at time of fault	13.591	Volts
Battery Lifetime AmpHrs of Charge	75.1	AHr
Battery Total Time Awake	1621762	seconds
Battery Lifetime Miles	CCBEBE	km
Battery Lifetime AmpHrs of DisCharge	50.9	AHr
Power Up SOC at time of Fault	85.5	%
Vehicle Speed	FE	km/hr
SOC at time of Fault	84.7	%
HVIL PWM peak voltage Sourced - Vehicle	12.319	Volts
HVIL PWM Duty Cycle - Vehicle	50.2	%
HVIL PWM Frequency - Vehicle	87.9	Hz
HVIL PWM peak voltage Sensed - Vehicle	12.208	Volts
HVIL Returned current - Battery	30.60	mA
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Battery Current Sensor 1 Hall High	-2.75	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HVIL Source Voltage- Battery	1.385	Volts
Charge indicator Temp	28	°C
HV Cooling Speed pump 1 Speed	0	rpm

HV Cooling Speed Pump 1 Target	0	rpm
BPCM temperature max	22	°C
BPCM temperature min	19	°C
Isolation Circuitry Va	2.500	Volts
Isolation Circuitry Vb	2.502	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry Vcc Voltage	5.012	Volts
Cycles left to self heal	40	No Unit
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-283.4	Volts
HV Battery Charge Power 10sec	57084	watts
WC and CircuitryISO 8V Reference Voltage	8.017	Volts
HV Battery Discharge Power 2sec	104673	watts
HV Battery Power	007530	watts
HV Battery Discharge Power 10sec	102273	watts
HV Battery Charge Power 2sec	69864	watts
Cell Impedance Max Discharge	0	mOhms
Battery Full AmpHr Capacity	51	AmpHrs
Battery Cell Voltage Minimum	3982	mV
Battery Cell Voltage Maximum	4007	mV
Battery Lifetime Number Of Closes	63	
Battery Cell Voltage Average	3988	mV
Cell Impedance Mim Discharge	0	mOhms
HV Battery Voltage (Module Sum)	382.60	Volts
HV Sensor A Pack Voltage	383.10	Volts
HV Battery Voltage (cell sum)	382.80	Volts
Battery Temperature Maximum Module	22	°C
HV Sensor B Bus\Link (Pre-Fuse) Voltage	97.50	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	97.30	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	97.30	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-283.4	Volts
Battery Temperature Minimum Module	19	°C
HV Cooling Battery coolant inlet temp	26	°C
HV Cooling Battery coolant outlet temp	35	°C
Isolation Vehicle Impedance	5.8117	Mega Ohms
Battery Temperature Average Module	20	°C
HV Bat SOH-R	20.0	%
Isolation Battery Impedance	0.8480	Mega Ohms
BPCM Sec QA Error Counter	0	cnts
HV Bat SOH-C	98.4	%
HV Cooling OBCM temp inlet Temp	53	°C
BPCM Sec MM Hw Reset Error Counter	0	cnts
Real time clock	429496.7295	seconds
Engine Speed	4980	rpm

BPCM L2 SM Hw Reset Error Counter	0	No Unit
Original Odometer Value	96	km
Real time clock-OS Task Delay Timer	0	
Most Recent Odometer Value	96	km
Accelerator position	93.3	%

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

NAME	VALUE	UNITS
Key Position	Ign_ Run	
Key in Ignition	Key_Def	
HCP Contactor Command	Closed	
Qualified Contactor Command - QCC	Open	
EPT -WakeUp	Sourced	
Contactor Status	Open	
Plug in Status	Not plugged in	
Verified Contactor Command - VCC	Closed Unrestricted	
ChargingLevel	Plug in, but no charge	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Balance Mode	True	
Battery in Periodic wake up (Just battery) at time of Fault	False	
HVIL Status - Battery pack	PASS	
HVIL Status -Vehicle	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Switch Power Shorted	PASS	
Pump - Overtemperature	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	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	14	
Battery Cell Lowest Cell number	53	
Battery Temperature Lowest Sensor number	11	
Battery Temperature Number of Failing Sensors	00	
Battery Temperature Highest Sensor number	06	
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 L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	

BPCM Sec CC Path Test Active	Not Active	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM Sec Contactor State	Open	
BPCM Sec HW Timer Status	Not Active	
BPCM Main HW Timer Status	Not Active	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec Asic Fault State	NOTASSERTED	
Real Time Clock Validity	True	
DTC	1A 21 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	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - 2	5D	
Warning Indicator Requested	False	
Occurrence flag	Error	
FoM - for this DTC (lifetime fails)	1	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
Ignition Cycle Counter	1	
Battery Total Time Awake	1621945	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Frequency Counter	1	
Vehicle mileage at time of fault (ODO signal in \$3D2)	110.50	km
Battery Lifetime AmpHrs of Charge	75.1	AHr
Vehicle Speed	0.0	km/hr
Battery Lifetime Miles	CCB45F	km
Battery Lifetime AmpHrs of DisCharge	50.9	AHr
System (12) Volts at time of fault	12.750	Volts
SOC at time of Fault	84.7	%
Power Up SOC at time of Fault	84.7	%
HVIL PWM Frequency - Vehicle	87.9	Hz
HVIL PWM peak voltage Sensed - Vehicle	11.467	Volts
HVIL PWM peak voltage Sourced - Vehicle	11.567	Volts
HVIL Source Voltage- Battery	1.385	Volts
HVIL PWM Duty Cycle - Vehicle	50.2	%
HV Battery Current Sensor 1 Hall High	-2.55	Amps
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
Charge indicator Temp	29	°C

HV Cooling Speed pump 1 Speed	0	rpm
BPCM temperature max	22	°C
BPCM temperature min	19	°C
HVIL Returned current - Battery	30.60	mA
HV Battery Current HVBatCrnt	0.15	Amps
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
Isolation Circuitry Va	2.534	Volts
Isolation Circuitry Vb	2.502	Volts
WC and Circuitry Vcc Voltage	5.009	Volts
WC and CircuitryISO 8V Reference Voltage	8.017	Volts
Isolation Circuitry Vd	0.000	Volts
Cycles left to self heal	40	No Unit
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-0.8	Volts
HV Battery Charge Power 10sec	60732	watts
HV Battery Charge Power 2sec	73182	watts
HV Battery Discharge Power 10sec	102258	watts
HV Battery Discharge Power 2sec	104658	watts
Battery Lifetime Number Of Closes	76	
HV Battery Power	007536	watts
Battery Full AmpHr Capacity	51	AmpHrs
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Average	3995	mV
Cell Impedance Max Discharge	0	mOhms
Battery Cell Voltage Minimum	3990	mV
Battery Cell Voltage Maximum	4014	mV
HV Battery Voltage (cell sum)	383.50	Volts
HV Sensor A Pack Voltage	383.60	Volts
HV Battery Voltage (Module Sum)	383.10	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	383.50	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	383.50	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	383.50	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-0.8	Volts
Battery Temperature Minimum Module	19	°C
Battery Temperature Average Module	20	°C
Battery Temperature Maximum Module	22	°C
HV Cooling Battery coolant inlet temp	27	°C
Isolation Vehicle Impedance	5.8117	Mega Ohms
HV Cooling Battery coolant outlet temp	35	°C
HV Cooling OBCM temp inlet Temp	53	°C
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-C	98.4	%
HV Bat SOH-R	20.0	%
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM Sec QA Error Counter	3	cnts

Engine Speed	0	rpm
Accelerator position	7.5	%
Real time clock-OS Task Delay Timer	0	
Real time clock	429496.7295	seconds
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Most Recent Odometer Value	96	km
Original Odometer Value	96	km

HCP | P062F-00 | Stored | Internal Control Module EEPROM Error-

NAME	VALUE	UNITS
DTC	06 2F 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number	05	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Ignition Lock	
Propulsion System Active	False	
PRND Position Display	P	
Main Processor Reset Source - Core 1	Power Up	
Static NVM CRC Status	Passed	
Main Processor Reset Source - Core 0	Power Up	
Cumulative NVM CRC Status	Passed	
Adaptable NVM CRC Status	Passed	
MCPUninit EEPROM CRC Status	Passed	
Expendable NVM CRC Status	Passed	
Preserved NVM CRC Status	Passed	
MCPInit EEPROM CRC Status	Passed	
BSW EEPROM CRC Status	Failed	
Non Volatile RAM CRC Status	Passed	
HCP - MCPA SPI ARC Error Count	00	
HCP - MCPA SPI CRC Error Count	00	
MCPB - MCPA SPI ARC Error Count	00	
MCPB - MCPA SPI CRC Error Count	00	
MemShare ARC Error Count- Core 1	03	
MemShare CRC Error Count- Core 1	FF	
MemShare ARC Error Count- Core 0	00	

MemShare CRC Error Count- Core 0	48	
Main Analog-to-Digital Converter Fault	False	
Main Stack Fault	False	
External Watchdog Fault	False	
MainTPU_Flt	False	
Main Clock Fault	False	
MAIN ALU Fault	False	
MAIN Detected SPI Fault	False	
Main Detected Seed Received In Wrong Order	False	
Hybrid System State	Power Up	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Original Odometer Value	110.7	km
Most Recent Odometer Value	110.7	km
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	1624033	sec
Accelerator Pedal Position	0	%
RAM Stamps	0	Min
RAM stamps keyOn	0	sec
HV Battery SOC	85	%
Engine Speed	0	rpm
Vehicle Speed	0.0000	km/h
Barometric Pressure	100	kPa
Engine Coolant Temperature	80	DegC
Internal EPS Voltage Sense A	0.072	Volts
Internal EPS Voltage Sense B	0.072	Volts
Battery Feed Voltage 2 Sense	12.384	Volts
Battery Feed Voltage 1 Sense	12.456	Volts
Actual Torque - Motor B	0.000	NM
Actual Torque - Motor A	0.000	NM
Battery Feed Voltage 3 Sense	12.456	Volts
Available Motor Torque - Motor B	300.000	NM
Available Motor Torque - Motor A	127.000	NM
Available Regen Torque - Motor A	-127.000	NM
Commanded Torque - Motor B	0.000	NM
Available Regen Torque - Motor B	-300.000	NM

Commanded Torque - Motor A	0.000	NM
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A Resolver Angle	74	Degree
Motor B Resolver Angle	276	Degree
Motor B Temp Sensor	25	DegC
Motor A Temp Sensor	25	DegC
HV Battery Voltage from BPCM	180.00	Volts
Outside Air Temperature	25.5	DegC
Electric Motor A Speed	0.5	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	5	Volts
PIM DC Link Voltage - B	5	Volts
Inverter A IGBT Temperature for phase A	0	DegC
Inverter A IGBT Temperature for phase B	0	DegC
Inverter A IGBT Temperature for phase C	0	DegC
Inverter B IGBT Temperature for phase A	0	DegC
Inverter B IGBT Temperature for phase C	0	DegC
Inverter B IGBT Temperature for phase B	0	DegC
Motor A Torque	0.000	NM
Distance Travelled with Light ON	0	km
Motor B Torque	0.000	NM
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
ECU Time - Milliseconds	0	ms
UTC Time - Hours	0	Hours

HCP | P0A78-00 | Stored | Drive Motor A Inverter Performance-

NAME	VALUE	UNITS
DTC	0A 78 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 This Operation Cycle	False	

Test Not Completed Since Last Clear	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	N	
Propulsion System Active	False	
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 Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase U Thermal Shutdown 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 Hardware Error Fault - High-Side	False	
Motor A Phase U Short Fault - Low-Side	False	
Motor A Phase U Over Current Fault - Low-Side	False	
Motor A Phase U Thermal Warning Fault - Low-Side	False	
Motor A Phase U Cross Conduction Fault - Low-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 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 Cross Conduction Fault - High-Side	False	
Motor A Phase V Short 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 Cross Conduction Fault - Low-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 Thermal Shutdown Fault - Low-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 V Hardware Error Fault - Low-Side	False	
Motor A Phase W Over Current Fault - High-Side	False	
Motor A Phase W Thermal Shutdown Fault - High-Side	False	
Motor A Phase W Short 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 Short 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 Thermal Shutdown Fault - Low-Side	False	
Motor A Phase W Thermal Warning Fault - Low-Side	False	
Motor A Phase W SPI Error Fault - Low-Side	False	
Motor A Phase W Thermal Warning Fault - High-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Hardware Error Fault - Low-Side	False	
Hybrid System State	SNA	
HV Contactor Status	Closed	
Inverter B Status Feedback	Inverter Faulted	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
APM Status	Off	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Inverter Status Feedback	Inverter Faulted	
Commanded Inverter A State	Inverter Disabled	
Motor A Phase U Under Voltage Fault VH - High-Side	False	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
Motor A Phase U Under Voltage Fault VL - High-Side	False	
Motor A Phase U Over Voltage Fault VDD - High-Side	False	
Motor A Phase U Under Voltage Fault VDD - High-Side	False	
Motor A Phase U Under Voltage Fault VH - Low-Side	False	
Motor A Phase U Over Voltage Fault VH - Low-Side	False	
Motor A Phase U Over Voltage Fault VDD - Low-Side	False	
Motor A Phase U Over Voltage Fault VL - Low-Side	False	
Motor A Phase U Under Voltage Fault VL - Low-Side	False	
Motor A Phase U Under Voltage Fault VDD - Low-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - High-Side	False	
Motor A Phase V Over Voltage Fault VH - High-Side	False	
Motor A Phase U Comm Error High 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 - High-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 Under Voltage Fault VH - Low-Side	False	
Motor A Phase V Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VDD - 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 W Over Voltage Fault VH - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase W Under Voltage Fault VH - High-Side	False	
Motor A Phase W Under Voltage Fault VL - High-Side	False	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase W Under Voltage Fault VDD - High-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - High-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - 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	
Original Odometer Value	110.7	km
Most Recent Odometer Value	110.7	km
Ignition Cycle Counter	0	
Frequency Counter	1	
RAM stamps keyOn	210	sec
Real time clock	1621761	sec
RAM Stamps	507	Min
Accelerator Pedal Position	0	%
Engine Speed	1912	rpm
HV Battery SOC	85	%
Vehicle Speed	6.8594	km/h
Engine Coolant Temperature	104	DegC
Barometric Pressure	102	kPa
Available Motor Torque - Motor A	0.000	NM
Inverter A Input DC Current	0.0	AMP
Electric Motor A Speed	8042.0	rpm
Actual Torque - Motor A	0.000	NM
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP

Battery Feed Voltage 2 Sense	14.472	Volts
Battery Feed Voltage 3 Sense	14.472	Volts
Internal EPS Voltage Sense A	8.136	Volts
PIM DC Link Voltage - A	386	Volts
Motor A Resolver Supply Voltage Value	15.75	Volts
Internal EPS Voltage Sense B	8.064	Volts
Passive Pump Coolant Temp In Sensor	56	DegC
PIM DC Link Voltage - B	383	Volts
Low Temp Active Pump Speed	0	rpm
High Temp Aux Pump - Actual Speed	0	rpm
Outside Air Temperature	22.5	DegC
Battery Feed Voltage 1 Sense	14.472	Volts
Actual Torque - Motor B	0.000	NM
Available Regen Torque - Motor A	0.000	NM
Available Motor Torque - Motor B	95.375	NM
Commanded Torque - Motor A	0.000	NM
Available Regen Torque - Motor B	0.000	NM
Motor B - Inverter Current - phase A	-4	AMP
Commanded Torque - Motor B	0.000	NM
Motor B - Inverter Current - phase C	0	AMP
Motor B Temp Sensor	58	DegC
Motor B - Inverter Current - phase B	0	AMP
Electric Motor B Speed	768.5	rpm
Motor B Resolver Angle	16	Degree
Inverter A IGBT Temperature for phase B	56	DegC
Inverter B IGBT Temperature for phase B	59	DegC
HV Battery Voltage from BPCM	384.70	Volts
Inverter A IGBT Temperature for phase A	56	DegC
Inverter B IGBT Temperature for phase C	60	DegC
Distance Travelled with Light ON	0	km
Inverter A IGBT Temperature for phase C	56	DegC
Inverter B IGBT Temperature for phase A	59	DegC
Motor A Torque	0.000	NM
GPS Date - Month	1	
HV Battery Sleep Time	0	Days
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
GPS Date - Year	0	Year
ECU Time - Milliseconds	0	ms
UTC Time - Minutes	0	
Motor B Torque	0.000	NM

NAME	VALUE	UNITS
Pending DTC	True	
Test Failed This Operation Cycle	True	
Test Failed	False	
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	
DTC	0A 79 00	
Warning Indicator Requested	True	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	D	
Propulsion System Active	True	
Commanded Inverter B State	Torque Control	
Motor B Phase U Short Fault - High-Side	False	
Inverter B Status Feedback	Inverter Faulted	
Motor B Phase U Cross Conduction Fault - High-Side	False	
Motor B Phase U Thermal Shutdown Fault - High-Side	False	
Motor B Phase U Thermal Warning Fault - High-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase U SPI Error Fault - High-Side	False	
Motor B Phase U Hardware Error Fault - High-Side	False	
Motor B Phase U Short Fault - Low-Side	False	
Motor B Phase U Cross Conduction Fault - Low-Side	False	
Motor B Phase U Over Current Fault - Low-Side	False	
Motor B Phase U Thermal Warning Fault - Low-Side	False	
Motor B Phase U Thermal Shutdown Fault - Low-Side	False	
Motor B Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase U SPI Error Fault - Low-Side	False	
Motor B Phase U Hardware Error Fault - Low-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase V Cross Conduction Fault - High-Side	False	
Motor B Phase V Short Fault - High-Side	False	
Motor B Phase V Over Current Fault - High-Side	False	
Motor B Phase V Thermal Warning Fault - High-Side	False	
Motor B Phase V Thermal Shutdown Fault - High-Side	False	
Motor B Phase V SPI Error Fault - High-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase V Cross Conduction Fault - Low-Side	False	
Motor B Phase V Hardware Error Fault - High-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	

Motor B Phase V Over Current Fault - Low-Side	False	
Motor B Phase V Thermal Shutdown Fault - Low-Side	False	
Motor B Phase V Short Fault - Low-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase W Short Fault - High-Side	False	
Motor B Phase V Hardware Error Fault - Low-Side	False	
Motor B Phase W Cross Conduction Fault - High-Side	False	
Motor B Phase V SPI Error Fault - Low-Side	False	
Motor B Phase V Thermal Warning Fault - Low-Side	False	
Motor B Phase W Thermal Warning Fault - High-Side	False	
Motor B Phase W Over Current Fault - High-Side	False	
Motor B Phase W Hardware Error Fault - High-Side	False	
Motor B Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase W SPI Error Fault - High-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase W Short Fault - Low-Side	False	
Motor B Phase W Thermal Warning Fault - Low-Side	False	
Motor B Phase W Thermal Shutdown Fault - Low-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase W Hardware Error Fault - Low-Side	False	
Motor B Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase W Cross Conduction Fault - Low-Side	False	
Motor B Phase W Over Current Fault - Low-Side	False	
Motor B Phase W SPI Error Fault - Low-Side	False	
Hybrid System State	Determine Hybrid System State	
CBC Wake-Up Input	Off	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Phase U Over Current Fault - High-Side	False	
Motor B Phase U Over Voltage Fault VH - High-Side	False	
Motor B Phase U Under Voltage Fault VH - High-Side	False	
Motor B Phase U Over Voltage Fault VL - High-Side	False	
Motor B Phase U Under Voltage Fault VL - High-Side	False	
Motor B Phase U Over Voltage Fault VDD - High-Side	False	
Motor B Phase U Under Voltage Fault VDD - High-Side	False	
Motor B Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase U Over Voltage Fault VH - Low-Side	False	

Motor B Phase U Under Voltage Fault VH - Low-Side	False	
Motor B Phase U Over Voltage Fault VL - Low-Side	False	
Motor B Phase U Under Voltage Fault VL - Low-Side	False	
Motor B Phase V Over Voltage Fault VH - High-Side	False	
Motor B Phase U Under Voltage Fault VDD - Low-Side	False	
Motor B Phase U Over Voltage Fault VDD - Low-Side	False	
Motor B Phase V Under Voltage Fault VH - High-Side	False	
Motor B Phase V Under Voltage Fault VL - High-Side	False	
Motor B Phase V Over Voltage Fault VDD - High-Side	False	
Motor B Phase V Over Voltage Fault VL - High-Side	False	
Motor B Phase V Over Voltage Fault VH - Low-Side	False	
Motor B Phase V Under Voltage Fault VDD - High-Side	False	
Motor B Phase V Under Voltage Fault VH - Low-Side	False	
Motor B Phase V Over Voltage Fault VL - Low-Side	False	
Motor B Phase V Over Voltage Fault VDD - Low-Side	False	
Motor B Phase V Under Voltage Fault VL - Low-Side	False	
Motor B Phase V Under Voltage Fault VDD - Low-Side	False	
Motor B Phase W Under Voltage Fault VH - High-Side	False	
Motor B Phase W Over Voltage Fault VH - High-Side	False	
Motor B Phase W Over Voltage Fault VL - High-Side	False	
Motor B Phase W Over Voltage Fault VDD - High-Side	False	
Motor B Phase W Under Voltage Fault VL - High-Side	False	
Motor B Phase W Over Voltage Fault VH - Low-Side	False	
Motor B Phase W Under Voltage Fault VDD - High-Side	False	
Motor B Phase W Under Voltage Fault VH - Low-Side	False	
Motor B Phase W Thermal Shutdown Fault - High-Side	False	
Motor B Phase W Under Voltage Fault VL - Low-Side	False	
Motor B Phase W Over Voltage Fault VL - Low-Side	False	
Motor B Phase W Under Voltage Fault VDD - Low-Side	False	
Motor B Phase W Over Voltage Fault VDD - Low-Side	False	
Most Recent Odometer Value	110.7	km
Frequency Counter	1	
RAM Stamps	507	Min
Accelerator Pedal Position	0	%
Ignition Cycle Counter	0	
Original Odometer Value	110.7	km
Real time clock	1621761	sec
Engine Speed	2007	rpm
RAM stamps keyOn	210	sec
HV Battery SOC	85	%
Vehicle Speed	6.6719	km/h
Barometric Pressure	101	kPa
Available Motor Torque - Motor B	109.250	NM
Engine Coolant Temperature	80	DegC

Motor B - Inverter Current - phase A	-4	AMP
Actual Torque - Motor B	0.000	NM
Electric Motor B Speed	794.0	rpm
Inverter B Input DC Current	0.0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor B - Inverter Current - phase B	0	AMP
Battery Feed Voltage 2 Sense	14.472	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.064	Volts
Available Motor Torque - Motor A	9.500	NM
Battery Feed Voltage 3 Sense	14.472	Volts
Actual Torque - Motor A	0.000	NM
Battery Feed Voltage 1 Sense	14.472	Volts
Motor A - Inverter Current - phase A	-4	AMP
Available Regen Torque - Motor A	-9.500	NM
Commanded Torque - Motor B	109.750	NM
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor A Resolver Angle	236	Degree
Outside Air Temperature	21.0	DegC
Electric Motor A Speed	6786.5	rpm
PIM DC Link Voltage - A	386	Volts
Inverter A IGBT Temperature for phase A	56	DegC
PIM DC Link Voltage - B	383	Volts
Inverter B IGBT Temperature for phase A	60	DegC
Commanded Torque - Motor A	-10.125	NM
Inverter A IGBT Temperature for phase B	56	DegC
Available Regen Torque - Motor B	-8.875	NM
Inverter B IGBT Temperature for phase C	61	DegC
Inverter B IGBT Temperature for phase B	60	DegC
Motor A Temp Sensor	58	DegC
HV Battery Voltage from BPCM	384.70	Volts
Inverter A IGBT Temperature for phase C	56	DegC
Distance Travelled with Light ON	0	km
Motor A Torque	0.000	NM
HV Battery Sleep Time	0	Days
Motor B Torque	0.000	NM
UTC Time - Hours	0	Hours
GPS Date - Year	0	Year
GPS Date - Month	1	
UTC Time - Seconds	0	seconds
UTC Time - Minutes	0	
GPS Date - Day	1	Days

ECU Time - Milliseconds	0	ms
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HCP | P0C1A-00 | Stored | Drive Motor B Torque Delivered Performance-

NAME	VALUE	UNITS
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
DTC	0C 1A 00	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Test Failed	False	
Test Failed This Operation Cycle	False	
Occurrence flag	Occurrence	
Warning Indicator Requested	True	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	N	
Propulsion System Active	False	
Commanded Inverter B State	Inverter Disabled	
Inverter B Status Feedback	Inverter Faulted	
Motor B Phase U Cross Conduction Fault - High-Side	False	
Motor B Phase U Short Fault - High-Side	False	
Motor B Phase U Thermal Warning Fault - High-Side	False	
Motor B Phase U Thermal Shutdown Fault - High-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase U SPI Error Fault - High-Side	False	
Motor B Phase U Short Fault - Low-Side	False	
Motor B Phase U Thermal Warning Fault - Low-Side	False	
Motor B Phase U Thermal Shutdown Fault - Low-Side	False	
Motor B Phase U Over Current Fault - Low-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase U Hardware Error Fault - High-Side	False	
Motor B Phase U SPI Error Fault - Low-Side	False	
Motor B Phase U Hardware Error Fault - Low-Side	False	
Motor B Phase V Cross Conduction Fault - High-Side	False	
Motor B Phase U Cross Conduction Fault - Low-Side	False	
Motor B Phase V Over Current Fault - High-Side	True	
Motor B Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase V Thermal Shutdown Fault - High-Side	False	
Motor B Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase V Short Fault - High-Side	False	
Motor B Phase V Thermal Warning Fault - High-Side	False	
Motor B Phase V SPI Error Fault - High-Side	False	

Motor B Phase V Short Fault - Low-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase V Over Current Fault - Low-Side	True	
Motor B Phase V Thermal Warning Fault - Low-Side	False	
Motor B Phase V Thermal Shutdown Fault - Low-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase V Cross Conduction Fault - Low-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase V Hardware Error Fault - High-Side	False	
Motor B Phase V Hardware Error Fault - Low-Side	False	
Motor B Phase V SPI Error Fault - Low-Side	False	
Motor B Phase W Cross Conduction Fault - High-Side	False	
Motor B Phase W Short Fault - High-Side	False	
Motor B Phase W Thermal Warning Fault - High-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase W Over Current Fault - High-Side	False	
Motor B Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase W Hardware Error Fault - High-Side	False	
Motor B Phase W SPI Error Fault - High-Side	False	
Motor B Phase W Cross Conduction Fault - Low-Side	False	
Motor B Phase W Short Fault - Low-Side	False	
Motor B Phase W Thermal Warning Fault - Low-Side	False	
Motor B Phase W Over Current Fault - Low-Side	False	
Motor B Phase W Thermal Shutdown Fault - Low-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase W Hardware Error Fault - Low-Side	False	
Motor B Phase W SPI Error Fault - Low-Side	False	
Motor B Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Hybrid System State	SNA	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HCP ePT Wake-Up Output	On	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Phase U Over Current Fault - High-Side	False	
Motor B Phase U Over Voltage Fault VH - High-Side	False	
Motor B Phase U Under Voltage Fault VH - High-Side	False	
Motor B Phase U Under Voltage Fault VL - High-Side	False	
Motor B Phase U Over Voltage Fault VDD - High-Side	False	
Motor B Phase U Under Voltage Fault VDD - High-Side	False	

Motor B Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase U Over Voltage Fault VL - High-Side	False	
Motor B Phase U Over Voltage Fault VH - Low-Side	False	
Motor B Phase U Under Voltage Fault VH - Low-Side	False	
Motor B Phase U Over Voltage Fault VL - Low-Side	False	
Motor B Phase U Under Voltage Fault VL - Low-Side	False	
Motor B Phase V Over Voltage Fault VH - High-Side	False	
Motor B Phase U Under Voltage Fault VDD - Low-Side	False	
Motor B Phase U Over Voltage Fault VDD - Low-Side	False	
Motor B Phase V Under Voltage Fault VL - High-Side	False	
Motor B Phase V Under Voltage Fault VH - High-Side	False	
Motor B Phase V Over Voltage Fault VDD - High-Side	False	
Motor B Phase V Over Voltage Fault VL - High-Side	False	
Motor B Phase V Over Voltage Fault VH - Low-Side	False	
Motor B Phase V Under Voltage Fault VDD - High-Side	False	
Motor B Phase V Over Voltage Fault VL - Low-Side	False	
Motor B Phase V Over Voltage Fault VDD - Low-Side	False	
Motor B Phase V Under Voltage Fault VH - Low-Side	False	
Motor B Phase V Under Voltage Fault VL - Low-Side	False	
Motor B Phase W Under Voltage Fault VH - High-Side	False	
Motor B Phase W Over Voltage Fault VH - High-Side	False	
Motor B Phase V Under Voltage Fault VDD - Low-Side	False	
Motor B Phase W Over Voltage Fault VDD - High-Side	False	
Motor B Phase W Over Voltage Fault VL - High-Side	False	
Motor B Phase W Under Voltage Fault VL - High-Side	False	
Motor B Phase W Over Voltage Fault VH - Low-Side	False	
Motor B Phase W Thermal Shutdown Fault - High-Side	False	
Motor B Phase W Under Voltage Fault VDD - High-Side	False	
Motor B Phase W Under Voltage Fault VL - Low-Side	False	
Motor B Phase W Under Voltage Fault VH - Low-Side	False	
Motor B Phase W Over Voltage Fault VDD - Low-Side	False	
Motor B Phase W Over Voltage Fault VL - Low-Side	False	
Motor B Phase W Under Voltage Fault VDD - Low-Side	False	
Most Recent Odometer Value	110.5	km
Real time clock	1621515	sec
Ignition Cycle Counter	0	
Frequency Counter	1	
RAM stamps keyOn	1410	sec
RAM Stamps	504	Min
Original Odometer Value	110.5	km
HV Battery SOC	85	%
Barometric Pressure	102	kPa
Engine Speed	2233	rpm
Accelerator Pedal Position	0	%

Available Motor Torque - Motor B	100.750	NM
Actual Torque - Motor B	0.000	NM
Engine Coolant Temperature	101	DegC
Electric Motor B Speed	845.5	rpm
Vehicle Speed	9.2031	km/h
Inverter B Input DC Current	0.0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	14.472	Volts
Motor B - Inverter Current - phase B	0	AMP
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.064	Volts
Battery Feed Voltage 1 Sense	14.472	Volts
Available Motor Torque - Motor A	119.875	NM
Battery Feed Voltage 3 Sense	14.472	Volts
Commanded Torque - Motor A	0.000	NM
Actual Torque - Motor A	-12.500	NM
Available Regen Torque - Motor A	-119.875	NM
Available Regen Torque - Motor B	-0.500	NM
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A Resolver Angle	82	Degree
HV Battery Voltage from BPCM	397.30	Volts
Motor A Temp Sensor	59	DegC
Outside Air Temperature	21.0	DegC
Electric Motor A Speed	8148.5	rpm
PIM DC Link Voltage - B	395	Volts
Inverter A IGBT Temperature for phase B	56	DegC
PIM DC Link Voltage - A	397	Volts
Inverter A IGBT Temperature for phase C	56	DegC
Inverter B IGBT Temperature for phase A	59	DegC
Inverter B IGBT Temperature for phase C	59	DegC
Inverter B IGBT Temperature for phase B	58	DegC
Commanded Torque - Motor B	0.000	NM
Motor B Torque	0.000	NM
Distance Travelled with Light ON	0	km
Inverter A IGBT Temperature for phase A	56	DegC
GPS Date - Year	0	Year
Motor A Torque	-12.500	NM
HV Battery Sleep Time	0	Days
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

HCP | P1AEC-00 | Pending | MCPA HV Battery Voltage Sensor Circuit Performance-

NAME	VALUE	UNITS
DTC	1A EC 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Test Not Completed Since Last Clear	False	
Pending DTC	True	
Test Failed Since Last Clear	True	
Confirmed DTC	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag		
Warning Indicator Requested	False	
Brake Switch Status		
PHEV Charging Status		
Ignition State		
PRND Position Display		
Propulsion System Active		
Motor A Phase U Cross Conduction Fault - High-Side		
Motor A Phase U Short Fault - High-Side		
Motor A Phase U Over Current Fault - High-Side		
Motor A Phase U Thermal Shutdown Fault - High-Side		
Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side		
Motor A Phase U SPI Error Fault - High-Side		
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side		
Motor A Phase U Thermal Warning Fault - High-Side		
Motor A Phase U Hardware Error Fault - High-Side		
Motor A Phase U Short Fault - Low-Side		
Motor A Phase U Cross Conduction Fault - Low-Side		
Motor A Phase U Over Current Fault - Low-Side		
Motor A Phase U Thermal Shutdown Fault - Low-Side		
Motor A Phase U Thermal Warning Fault - Low-Side		
Motor A Phase U SPI Error Fault - Low-Side		
Motor A Phase U Hardware Error Fault - Low-Side		
Motor A Phase V Short Fault - High-Side		
Motor A Phase V Thermal Warning Fault - High-Side		
Motor A Phase V Cross Conduction Fault - High-Side		
Motor A Phase V Over Current Fault - High-Side		
Motor A Phase V Thermal Shutdown Fault - High-Side		
Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side		

Motor A Phase V SPI Error Fault - High-Side		
Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side		
Motor A Phase V Cross Conduction Fault - Low-Side		
Motor A Phase V Over Current Fault - Low-Side		
Motor A Phase V Thermal Warning Fault - Low-Side		
Motor A Phase V Short Fault - Low-Side		
Motor A Phase V Hardware Error Fault - High-Side		
Motor A Phase V Thermal Shutdown Fault - Low-Side		
Motor A Phase V SPI Error Fault - Low-Side		
Motor A Phase V Hardware Error Fault - Low-Side		
Motor A Phase W Short Fault - High-Side		
Motor A Phase W Thermal Warning Fault - High-Side		
Motor A Phase W Thermal Shutdown Fault - High-Side		
Motor A Phase W Over Current Fault - High-Side		
Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side		
Motor A Phase W Hardware Error Fault - High-Side		
Motor A Phase W Short Fault - Low-Side		
Motor A Phase W Cross Conduction Fault - Low-Side		
Motor A Phase W SPI Error Fault - High-Side		
Motor A Phase W Over Current Fault - Low-Side		
Motor A Phase W Thermal Warning Fault - Low-Side		
Motor A Phase W Thermal Shutdown Fault - Low-Side		
Motor A Phase W SPI Error Fault - Low-Side		
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side		
Motor A Phase W Hardware Error Fault - Low-Side		
Hybrid System State		
HV Contactor Status		
Inverter B Status Feedback		
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
Impact Event		
APM Status		
HCP System Shutdown Command		
J1772 Prox Detected State		
OBCM Operating Mode		
Commanded Inverter A State		
Inverter Status Feedback		
Motor A Phase U Over Voltage Fault VL - High-Side		
Motor A Phase U Under Voltage Fault VH - High-Side		
Motor A Phase U Over Voltage Fault VH - High-Side		
Motor A Phase U Under Voltage Fault VL - High-Side		
Motor A Phase U Over Voltage Fault VDD - High-Side		
Motor A Phase U Under Voltage Fault VDD - High-Side		

Motor A Phase U Over Voltage Fault VL - Low-Side		
Motor A Phase U Over Voltage Fault VH - Low-Side		
Motor A Phase U Under Voltage Fault VH - Low-Side		
Motor A Phase U Over Voltage Fault VDD - Low-Side		
Motor A Phase U Under Voltage Fault VL - Low-Side		
Motor A Phase U Under Voltage Fault VDD - Low-Side		
Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side		
Motor A Phase V Over Voltage Fault VH - High-Side		
Motor A Phase V Over Voltage Fault VL - High-Side		
Motor A Phase V Under Voltage Fault VH - High-Side		
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side		
Motor A Phase V Over Voltage Fault VDD - High-SideSide		
Motor A Phase V Under Voltage Fault VL - High-Side		
Motor A Phase V Under Voltage Fault VDD - High-Side		
Motor A Phase V Over Voltage Fault VH - Low-Side		
Motor A Phase V Over Voltage Fault VDD - Low-Side		
Motor A Phase V Under Voltage Fault VL - Low-Side		
Motor A Phase V Over Voltage Fault VL - Low-Side		
Motor A Phase V Under Voltage Fault VH - Low-Side		
Motor A Phase V Under Voltage Fault VDD - Low-Side		
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side		
Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side		
Motor A Phase W Cross Conduction Fault - High-Side		
Motor A Phase W Under Voltage Fault VL - High-Side		
Motor A Phase W Over Voltage Fault VL - High-Side		
Motor A Phase W Under Voltage Fault VH - High-Side		
Motor A Phase W Over Voltage Fault VH - High-Side		
Motor A Phase W Over Voltage Fault VDD - High-Side		
Motor A Phase W Under Voltage Fault VDD - High-Side		
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side		
Motor A Phase W Under Voltage Fault VH - Low-Side		
Motor A Phase W Over Voltage Fault VH - Low-Side		
Motor A Phase W Under Voltage Fault VL - Low-Side		
Motor A Phase W Over Voltage Fault VL - Low-Side		
Motor A Phase W Under Voltage Fault VDD - Low-Side		
Motor A Phase W Over Voltage Fault VDD - Low-Side		
Inverter A Status Feedback		
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side		
Frequency Counter		
Most Recent Odometer Value		km
Ignition Cycle Counter		
Real time clock		sec
Original Odometer Value		km
Accelerator Pedal Position		%

RAM Stamps		Min
Engine Speed		rpm
RAM stamps keyOn		sec
HV Battery SOC		%
Vehicle Speed		km/h
Barometric Pressure		kPa
Engine Coolant Temperature		DegC
Inverter A Input DC Current		AMP
Electric Motor A Speed		rpm
Actual Torque - Motor A		NM
Available Motor Torque - Motor A		NM
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Motor A Resolver Supply Voltage Value		Volts
Battery Feed Voltage 3 Sense		Volts
Battery Feed Voltage 2 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
PIM DC Link Voltage - A		Volts
PIM DC Link Voltage - B		Volts
Passive Pump Coolant Temp In Sensor		DegC
High Temp Aux Pump - Actual Speed		rpm
Low Temp Active Pump Speed		rpm
Outside Air Temperature		DegC
Battery Feed Voltage 1 Sense		Volts
Available Regen Torque - Motor A		NM
Commanded Torque - Motor A		NM
Actual Torque - Motor B		NM
Available Regen Torque - Motor B		NM
Motor B - Inverter Current - phase B		AMP
Available Motor Torque - Motor B		NM
Commanded Torque - Motor B		NM
Motor B - Inverter Current - phase A		AMP
HV Battery Voltage from BPCM		Volts
Motor B Temp Sensor		DegC
Motor B Resolver Angle		Degree
Motor B - Inverter Current - phase C		AMP
Electric Motor B Speed		rpm
Inverter A IGBT Temperature for phase A		DegC
Inverter A IGBT Temperature for phase B		DegC
Inverter A IGBT Temperature for phase C		DegC
Inverter B IGBT Temperature for phase A		DegC
Inverter B IGBT Temperature for phase B		DegC

Inverter B IGBT Temperature for phase C		DegC
Motor B Torque		NM
GPS Date - Day		Days
UTC Time - Hours		Hours
Distance Travelled with Light ON		km
HV Battery Sleep Time		Days
GPS Date - Month		
UTC Time - Minutes		
GPS Date - Year		Year
UTC Time - Seconds		seconds
Motor A Torque		NM
ECU Time - Milliseconds		ms

HCP | P1AFC-00 | Stored | MCPA Lost Communication With HCP-

NAME	VALUE	UNITS
DTC	1A FC 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Confirmed DTC	True	
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	True	
DTC Extended Data Record Number	05	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
Propulsion System Active	False	
PRND Position Display	P	
Main Processor Reset Source - Core 0	Controller Specific Exceptions	
Static NVM CRC Status	Passed	
Main Processor Reset Source - Core 1	Power Up	
Cumulative NVM CRC Status	Passed	
Preserved NVM CRC Status	Passed	
Adaptable NVM CRC Status	Passed	
MCPUninit EEPROM CRC Status	Passed	
MCPInit EEPROM CRC Status	Passed	
Non Volatile RAM CRC Status	Passed	
Expendable NVM CRC Status	Passed	
BSW EEPROM CRC Status	Passed	
HCP - MCPA SPI ARC Error Count	00	
HCP - MCPA SPI CRC Error Count	00	

MCPB - MCPA SPI ARC Error Count	00	
MemShare ARC Error Count- Core 0	00	
MCPB - MCPA SPI CRC Error Count	00	
MemShare ARC Error Count- Core 1	02	
MemShare CRC Error Count- Core 1	FF	
Main Stack Fault	False	
Main Analog-to-Digital Converter Fault	False	
External Watchdog Fault	False	
MemShare CRC Error Count- Core 0	02	
Main Clock Fault	False	
MainTPU_Flt	False	
MAIN ALU Fault	False	
Main Detected Seed Received In Wrong Order	False	
MAIN Detected SPI Fault	False	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Open	
Impact Event	False	
APM Status	Off	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Most Recent Odometer Value	110.7	km
Frequency Counter	1	
Original Odometer Value	110.7	km
Real time clock	1621775	sec
Ignition Cycle Counter	0	
Accelerator Pedal Position	0	%
RAM Stamps	507	Min
RAM stamps keyOn	0	sec
Engine Speed	0	rpm
HV Battery SOC	85	%
Barometric Pressure	101	kPa
Vehicle Speed	0.0000	km/h
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.064	Volts
Engine Coolant Temperature	100	DegC
Battery Feed Voltage 2 Sense	12.672	Volts
Battery Feed Voltage 1 Sense	12.672	Volts
Battery Feed Voltage 3 Sense	12.600	Volts
Actual Torque - Motor A	0.250	NM
Actual Torque - Motor B	0.250	NM

Available Motor Torque - Motor A	0.000	NM
Available Motor Torque - Motor B	315.000	NM
Available Regen Torque - Motor A	0.000	NM
Available Regen Torque - Motor B	-315.000	NM
Commanded Torque - Motor A	0.000	NM
Commanded Torque - Motor B	0.000	NM
Motor A - Inverter Current - phase B	-512	AMP
Motor A - Inverter Current - phase A	-512	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase C	-512	AMP
Motor A Resolver Angle	0	Degree
Motor B Temp Sensor	25	DegC
Motor A Temp Sensor	58	DegC
Motor B Resolver Angle	246	Degree
HV Battery Voltage from BPCM	384.70	Volts
Outside Air Temperature	21.0	DegC
Electric Motor B Speed	0.0	rpm
Electric Motor A Speed	0.0	rpm
PIM DC Link Voltage - B	382	Volts
PIM DC Link Voltage - A	386	Volts
Inverter A IGBT Temperature for phase A	-40	DegC
Inverter A IGBT Temperature for phase C	-40	DegC
Inverter B IGBT Temperature for phase A	0	DegC
Inverter A IGBT Temperature for phase B	-40	DegC
Inverter B IGBT Temperature for phase C	0	DegC
Inverter B IGBT Temperature for phase B	0	DegC
Motor A Torque	0.250	NM
Distance Travelled with Light ON	0	km
Motor B Torque	0.250	NM
GPS Date - Year	0	Year
HV Battery Sleep Time	0	Days
GPS Date - Month	1	
UTC Time - Hours	0	Hours
GPS Date - Day	1	Days
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

HCP | P1AFD-00 | Stored | MCPA Lost Communication With MCPB-

NAME	VALUE	UNITS
DTC	1A FD 00	
Test Failed	False	

Test Failed This Operation Cycle	True	
Confirmed DTC	True	
Pending DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number	05	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Propulsion System Active	False	
Ignition State	Reserved	
PRND Position Display	P	
Main Processor Reset Source - Core 0	Controller Specific Exceptions	
Static NVM CRC Status	Passed	
Main Processor Reset Source - Core 1	Power Up	
Cumulative NVM CRC Status	Passed	
Expendable NVM CRC Status	Passed	
Adaptable NVM CRC Status	Passed	
MCPUninit EEPROM CRC Status	Passed	
Preserved NVM CRC Status	Passed	
MCPInit EEPROM CRC Status	Passed	
Non Volatile RAM CRC Status	Passed	
BSW EEPROM CRC Status	Passed	
HCP - MCPA SPI CRC Error Count	00	
HCP - MCPA SPI ARC Error Count	00	
MemShare CRC Error Count- Core 0	02	
MCPB - MCPA SPI CRC Error Count	00	
MCPB - MCPA SPI ARC Error Count	00	
MemShare ARC Error Count- Core 1	04	
MemShare CRC Error Count- Core 1	FF	
Main Stack Fault	False	
Main Analog-to-Digital Converter Fault	False	
External Watchdog Fault	False	
MemShare ARC Error Count- Core 0	00	
Main Clock Fault	False	
MainTPU_Flt	False	
MAIN Detected SPI Fault	False	
MAIN ALU Fault	False	
Main Detected Seed Received In Wrong Order	False	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	

EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Open	
Impact Event	False	
APM Status	Off	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Frequency Counter	1	
Original Odometer Value	110.7	km
Most Recent Odometer Value	110.7	km
Real time clock	1621775	sec
Ignition Cycle Counter	0	
RAM Stamps	507	Min
Accelerator Pedal Position	0	%
RAM stamps keyOn	0	sec
Barometric Pressure	101	kPa
HV Battery SOC	85	%
Engine Speed	0	rpm
Engine Coolant Temperature	100	DegC
Vehicle Speed	0.0000	km/h
Battery Feed Voltage 2 Sense	12.672	Volts
Internal EPS Voltage Sense B	8.064	Volts
Internal EPS Voltage Sense A	8.136	Volts
Battery Feed Voltage 3 Sense	12.600	Volts
Battery Feed Voltage 1 Sense	12.672	Volts
Available Motor Torque - Motor B	315.000	NM
Available Motor Torque - Motor A	0.000	NM
Actual Torque - Motor A	0.250	NM
Actual Torque - Motor B	0.250	NM
Commanded Torque - Motor A	0.000	NM
Available Regen Torque - Motor A	0.000	NM
Motor A - Inverter Current - phase A	-512	AMP
Motor A - Inverter Current - phase B	-512	AMP
Available Regen Torque - Motor B	-315.000	NM
Commanded Torque - Motor B	0.000	NM
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor A - Inverter Current - phase C	-512	AMP
Motor B Resolver Angle	246	Degree
Motor A Resolver Angle	0	Degree
Outside Air Temperature	21.0	DegC
Motor A Temp Sensor	58	DegC
Motor B Temp Sensor	25	DegC

HV Battery Voltage from BPCM	383.60	Volts
Electric Motor B Speed	0.0	rpm
Inverter A IGBT Temperature for phase A	-40	DegC
Electric Motor A Speed	0.0	rpm
PIM DC Link Voltage - B	382	Volts
PIM DC Link Voltage - A	385	Volts
Inverter A IGBT Temperature for phase C	-40	DegC
Inverter B IGBT Temperature for phase B	0	DegC
Inverter A IGBT Temperature for phase B	-40	DegC
Inverter B IGBT Temperature for phase C	0	DegC
Inverter B IGBT Temperature for phase A	0	DegC
Motor A Torque	0.250	NM
Motor B Torque	0.250	NM
Distance Travelled with Light ON	0	km
HV Battery Sleep Time	0	Days
GPS Date - Year	0	Year
GPS Date - Day	1	Days
UTC Time - Seconds	0	seconds
GPS Date - Month	1	
ECU Time - Milliseconds	0	ms
UTC Time - Minutes	0	
UTC Time - Hours	0	Hours

HCP | U0073-00 | Stored | Hybrid/EV Bus Off-

NAME	VALUE	UNITS
DTC	C0 73 00	
Test Failed	False	
Pending DTC	True	
Confirmed DTC	True	
Test Failed This Operation Cycle	True	
Test Failed Since Last Clear	True	
Occurrence flag	Occurrence	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
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	
HV Contactor Status	Closed	
Impact Event	False	
APM Status	Off	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Inverters Enabled	
PHEV Charging Status	No Charging	
Original Odometer Value	110.7	km
Ignition Cycle Counter	0	
Frequency Counter	3	
Most Recent Odometer Value	110.7	km
Real time clock	1624124	sec
Accelerator Pedal Position	0	%
RAM stamps keyOn	75	sec
Engine Speed	0	rpm
HV Battery SOC	85	%
RAM Stamps	1	Min
Motor B Temp Sensor	55	DegC
Vehicle Speed	0.0000	km/h
Motor A Temp Sensor	56	DegC
Barometric Pressure	102	kPa
Engine Coolant Temperature	87	DegC
Internal EPS Voltage Sense A	8.136	Volts
Motor A Torque	0.000	NM
Internal EPS Voltage Sense B	8.064	Volts
Actual Torque - Motor B	0.000	NM
Actual Torque - Motor A	0.000	NM
Available Motor Torque - Motor A	120.000	NM
Available Motor Torque - Motor B	315.000	NM
Available Regen Torque - Motor A	-120.000	NM
Motor B Torque	0.000	NM
Available Regen Torque - Motor B	-315.000	NM
Commanded Torque - Motor B	0.000	NM
Motor B - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	-4	AMP
Commanded Torque - Motor A	0.000	NM
Motor B - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	276	Degree
Motor B - Inverter Current - phase C	0	AMP
Electric Motor A Speed	0.5	rpm
Electric Motor B Speed	0.0	rpm

Motor A Resolver Angle	74	Degree
PIM DC Link Voltage - B	384	Volts
HV Battery Voltage from BPCM	385.50	Volts
Outside Air Temperature	24.0	DegC
PIM DC Link Voltage - A	387	Volts
HV Battery Sleep Time	0	Days
Battery Feed Voltage 3 Sense	12.384	Volts
Inverter A IGBT Temperature for phase B	54	DegC
Battery Feed Voltage 1 Sense	12.312	Volts
Battery Feed Voltage 2 Sense	12.312	Volts
Inverter A IGBT Temperature for phase A	54	DegC
Inverter A IGBT Temperature for phase C	54	DegC
Inverter B IGBT Temperature for phase A	54	DegC
Inverter B IGBT Temperature for phase B	54	DegC
GPS Date - Day	1	Days
GPS Date - Year	0	Year
UTC Time - Hours	0	Hours
Inverter B IGBT Temperature for phase C	54	DegC
GPS Date - Month	1	
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
Distance Travelled with Light ON	0	km
UTC Time - Seconds	0	seconds

HCP | U1817-00 | Stored | Lost Communication With Hybrid Powertrain Control Module on D-PT-

NAME	VALUE	UNITS
DTC	D8 17 00	
Test Failed	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	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	
Ignition State	Reserved	
Propulsion System Active	False	
PRND Position Display	P	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
HCP SW Version	C19A	

SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Off	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Impact Event	False	
Hybrid System State	Inverters Enabled	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	110.7	km
Frequency Counter	3	
RAM stamps keyOn	75	sec
Real time clock	1624124	sec
Original Odometer Value	110.7	km
Ignition Cycle Counter	0	
RAM Stamps	1	Min
HV Battery SOC	85	%
Accelerator Pedal Position	0	%
Vehicle Speed	0.0000	km/h
Motor A Temp Sensor	56	DegC
Engine Speed	0	rpm
Internal EPS Voltage Sense B	8.064	Volts
Barometric Pressure	101	kPa
Motor B Temp Sensor	55	DegC
Internal EPS Voltage Sense A	8.136	Volts
Actual Torque - Motor A	0.000	NM
Engine Coolant Temperature	80	DegC
Actual Torque - Motor B	0.000	NM
Motor A Torque	0.000	NM
Motor B Torque	0.000	NM
Available Motor Torque - Motor B	315.000	NM
Available Motor Torque - Motor A	120.000	NM
Available Regen Torque - Motor B	-315.000	NM
Available Regen Torque - Motor A	-120.000	NM
Commanded Torque - Motor B	0.000	NM
Motor A - Inverter Current - phase C	-4	AMP
Commanded Torque - Motor A	0.000	NM
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase A	0	AMP
Motor B Resolver Angle	276	Degree
Electric Motor A Speed	0.5	rpm

PIM DC Link Voltage - A	387	Volts
Motor A Resolver Angle	74	Degree
PIM DC Link Voltage - B	384	Volts
HV Battery Sleep Time	0	Days
Outside Air Temperature	23.5	DegC
HV Battery Voltage from BPCM	385.60	Volts
Electric Motor B Speed	0.0	rpm
Inverter A IGBT Temperature for phase A	54	DegC
Battery Feed Voltage 3 Sense	12.384	Volts
Battery Feed Voltage 2 Sense	12.312	Volts
Battery Feed Voltage 1 Sense	12.312	Volts
Inverter B IGBT Temperature for phase A	54	DegC
Inverter A IGBT Temperature for phase C	54	DegC
Inverter B IGBT Temperature for phase C	54	DegC
Inverter B IGBT Temperature for phase B	54	DegC
Inverter A IGBT Temperature for phase B	54	DegC
GPS Date - Month	1	
UTC Time - Hours	0	Hours
Distance Travelled with Light ON	0	km
GPS Date - Year	0	Year
UTC Time - Seconds	0	seconds
UTC Time - Minutes	0	
GPS Date - Day	1	Days
ECU Time - Milliseconds	0	ms

OBCM | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C2 93 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Error	
DTC Extended Data Record Number - Record #2	2C	
OBCM Status AC Present	AC Not OK	
AC Line High	Not Valid	
AC Line Low	Valid	
Battery Not Detected	False	
Battery Voltage Over Max	Not Valid	

HV OV	False	
HV OC	False	
Battery Voltage Under Min	Not Valid	
NTC4 OT	False	
NTC1 OT	False	
NTC3 OT	False	
J1772 Stat	Veh Not Connected	
J1772 S2 Close	Open	
NTC2 OT	False	
J1772 S2 Status	Open	
Prox Stat	Prox Out	
OBCM Mode	UTC	
OBCM Charger Ready	On	
EVSE Pilot Stat	NO EVSE	
Chrg Fail Sts	Faulted - Charging Inhibited	
HCP (EVCU) Shutdown Command	EVCU Operational	
HCP (EVCU) Enable Charge Command	Charge disable	
OBCM Wake Up Reason	Master Wake Up	
Generic Fail Sts	No Functional Fail Present	
Charge Enable Status	Chrg Disable	
Chrg Cntctr Stat	Closed	
Chrg Mode	Charge Mode	
OBC Control Mth	Current	
Close Chrg Cntctr	Open	
OBCM WU Status	On	
OBCM Fault Reason	Internal OBCM high voltage Fault	
OBCM - LV Aux Over Voltage Protect	False	
OBCM - LLC Over Voltage Protect	False	
OBCM - HV Over Voltage Protect	False	
OBCM - LLC Under Voltage Protect	False	
OBCM - PFC Under Voltage Protect	False	
OBCM - Battery 12V Under Voltage Protect	False	
HCP (EVCU) OBC Mode Request	Idle	
OBCM Deraing Reason	AC Voltage Limit Derating	
OBCM - AC Over Voltage Protect	False	
OBCM - Battery 12V Over Voltage Protect	False	
OBCM - AC Under Voltage Protect	False	
OBCM - LV Aux Under Voltage Protect	False	
OBCM - PFC Over Voltage Protect	False	
OBCM - Power Stage Over Voltage Protect	False	
OBCM - AC Over Current Protect	False	
OBCM - CAN Bus Off	False	
OBCM - HV Over Current Protect	False	
OBCM - Internal Memory Fault	False	

OBCM - HCP Loss of Communication Protect	True	
OBCM - Over Temperature Protect	False	
OBCM - Pilot Duty Fault	False	
OBCM - Prox Range To Low	False	
OBCM - HV Voltage Over MaxCal Protect	False	
OBCM - Loss BPCM Communication Protect	False	
OBCM - HV Voltage Under MinCal Protect	False	
OBCM - Pilot Short To Battery	False	
OBCM - Prox Range To High	False	
OBCM - ORC Loss of Communication	False	
OBCM - SPI Communication Fault	False	
OBCM - WakeUp Output Stuck Low	False	
OBCM - Cycle Shutdown	False	
OBCM - Stuck Shutdown	False	
OBCM - Secondary Aux Over Voltage Protect	False	
OBCM - Primary Aux Over Voltage Protect	False	
OBCM - Secondary Aux Under Voltage Protect	False	
OBCM - Loss Communication Protect	False	
OBCM - HV Battery Not Contact	False	
OBCM - Receive HV Battery Contact Open From BPCM	True	
OBCM - Vehicle Impact	False	
OBCM - WakeUp Output Stuck High	False	
OBCM - Primary Aux Under Voltage Protect	False	
Prox open fault	False	
OBCM - HV Under Voltage Protect	False	
OBCM - Pilot Range Fault	False	
OBCM - ARC/CRC Fault	False	
Control Pilot Open fault	False	
OBCM - AC Contact Welded Fault	False	
OBCM - Internal S2 Switch Low Fault	False	
OBCM - Internal S2 Switch High Fault	False	
HCP stuck High fault	False	
HCP stuck low fault	False	
Plant mode flag	False	
Retry fault flag	False	
OBCM - Prox Range Fault	False	
force shutdown fault	False	
pilot input short to ground fault	False	
Loss SBC communcation (SPI)	False	
pilot signal wake up issue because of EVSE	False	
OBCM - Internal S2 Switch High Fault in Driver mode detecting	False	
Module A Primary - PFC Enable States	False	
pilto input short to battery fault in Driver mode detecting	False	
Charging ready line open fault	False	

pilot short to ground fault in driver mode detecting	False	
Module A Primary - LLC Enable States	False	
Module A Primary - PFC Under Voltage Protect	False	
Pilot frequency range fault	False	
Module A Primary - Over Temperature Protect	False	
Module A Primary - LLC Over Temperature Protect	False	
Module A Primary - AC Present	False	
Module A Primary - Hot Warning	False	
Module A Primary - PFC Over Voltage Protect	False	
Module A Primary - LLC Hot Warning	False	
Module A Primary - PFC Over Temperature Protect	False	
Module A Primary - AC Under Voltage Protect	False	
Module A Primary - PFC Power Limit	True	
Module A Primary - PFC Hot Warning	False	
Module A Primary - Secondary Micro Enable Command	False	
Module A Primary - Relay Enable States	False	
Module A Primary - Aux Over Voltage Protect	False	
Module A Primary - Aux Under Voltage Protect	False	
Module A Primary - Standby Mode	True	
Module A Primary - Loss Communication Protect	False	
Module A Secondary - Aux Enable States	True	
Module A Secondary - HV Enable States	False	
Module A Primary - Shutdown Mode	False	
Module A Primary - AC Over Voltage Protect	True	
Module A Primary - Operate Mode	False	
Module A Secondary - LLC Under Voltage Protect	False	
Module A Secondary - HV Over Current Protect	False	
Module A Secondary - HV Over Voltage Protect	False	
Module A Secondary - HV Over Temperature Protect	False	
Module A Primary - AC Vin Lost	True	
Module A Secondary - Over Temperature Protect	False	
Module A Secondary - LLC Over Voltage Protect	False	
Module A Secondary - Ambient Hot Warning	False	
Module A Secondary - Aux Over Voltage Protect	False	
Module A Secondary - HV Hot Warning	False	
Module A Secondary - Hot Warning	False	
Module A Secondary - Ambient Over Temperature Protect	False	
Module A Secondary - LV Micro Enable Command	False	
Module A Secondary - Loss LV Communication Protect	False	
Module A Secondary - HV Under Voltage Protect	False	
Module A Secondary - Standby Mode	True	
Module A Secondary - Primary Turn On States	False	
Module A Secondary - Aux Under Voltage Protect	False	
Module A Secondary - Loss Primary Communication Protect	False	

Module A Secondary - Operate Mode	False	
Module A Secondary - Primary Shutdown States	False	
Module A Secondary - Shutdown Mode	False	
Module A Secondary - PFC High Temperature Derating	False	
Module A Secondary - HV High Temperature Derating	False	
Module A Secondary - LLC High Temperature Derating	False	
Module A Secondary - PFC Low Temperature Derating	False	
Module A Secondary - AC Input Voltage Derating	True	
Module A Secondary - LV Micro Disable Command	True	
Module A Secondary - Ambient High Temperature Derating	False	
Module A Secondary - HV Low Temperature Derating	False	
Module B Primary - AC Under Voltage Protect	False	
Module B Primary - PFC Power Limit	True	
Module B Primary - PFC Enable States	False	
Module A Secondary - Ambient Low Temperature Derating	False	
Module A Secondary - HV Output Voltage Derating	False	
Module B Primary - PFC Over Temperature Protect	False	
Module B Primary - PFC Under Voltage Protect	False	
Module B Primary - LLC Enable States	False	
Module A Secondary - LLC Low Temperature Derating	False	
Module B Primary - LLC Over Temperature Protect	False	
Module B Primary - Over Temperature Protect	False	
Module B Primary - PFC Over Voltage Protect	False	
Module B Primary - LLC Hot Warning	False	
Module B Primary - AC Over Voltage Protect	True	
Module B Primary - Relay Enable States	False	
Module B Primary - Aux Under Voltage Protect	False	
Module B Primary - PFC Hot Warning	False	
Module B Primary - AC Present	False	
Module B Primary - Loss Communication Protect	False	
Module B Primary - Standby Mode	True	
Module B Primary - Hot Warning	False	
Module B Primary - Aux Over Voltage Protect	False	
Module B Primary - Operate Mode	False	
Module B Primary - AC Vin Lost	True	
Module B Primary - Secondary Micro Enable Command	False	
Module B Secondary - Over Temperature Protect	False	
Module B Secondary - Aux Enable States	True	
Module B Primary - Shutdown Mode	False	
Module B Secondary - HV Enable States	False	
Module B Secondary - LLC Over Voltage Protect	False	
Module B Secondary - HV Over Current Protect	False	
Module B Secondary - Hot Warning	False	
Module B Secondary - HV Over Temperature Protect	False	

Module B Secondary - HV Over Voltage Protect	False	
Module B Secondary - LLC Under Voltage Protect	False	
Module B Secondary - Ambient Over Temperature Protect	False	
Module B Secondary - HV Hot Warning	False	
Module B Secondary - Aux Under Voltage Protect	False	
Module B Secondary - Ambient Hot Warning	False	
Module B Secondary - Standby Mode	True	
Module B Secondary - LV Micro Enable Command	False	
Module B Secondary - Loss Primary Communication Protect	False	
Module B Secondary - Primary Shutdown States	False	
Module B Secondary - HV Under Voltage Protect	False	
Module B Secondary - Loss LV Communication Protect	False	
Module B Secondary - Aux Over Voltage Protect	False	
Module B Secondary - Primary Turn On States	False	
Module B Secondary - Operate Mode	False	
Module B Secondary - LV Micro Disable Command	True	
Module B Secondary - PFC Low Temperature Derating	False	
Module B Secondary - Shutdown Mode	False	
Module B Secondary - HV High Temperature Derating	False	
Module B Secondary - LLC High Temperature Derating	False	
Module B Secondary - PFC High Temperature Derating	False	
Module B Secondary - HV Output Voltage Derating	False	
SBC State_DF00	00	
Module B Secondary - Ambient Low Temperature Derating	False	
SBC State_DF80	00	
Module B Secondary - AC Input Voltage Derating	True	
Module B Secondary - HV Low Temperature Derating	False	
SBC State_E300	00	
SBC State_E500	00	
SBC State_E580	00	
SBC State_E180	00	
SBC State_E100	00	
Module B Secondary - Ambient High Temperature Derating	False	
Module B Secondary - LLC Low Temperature Derating	False	
BPCM HV Battery Contactor Open	True	
CANSIP Bus Off	False	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
SBC Bus Off	False	
HCP Shutdown Command	No Shutdown	
BPCM Request for HV Contactor	False	
HV Contactor Status	Open	
HV Battery Contactor Open	False	
Original Odometer Value	96	km
Frequency Counter	1	

HCP (EVCU) Voltage Request	0	Volts
Ignition Cycle Counter	4	
HCP (EVCU) HV Current Max Cal	-12.00	Amps
AC Side Current	0.60	Amps
Most Recent Odometer Value	96	km
HCP (EVCU) Current Request	0.00	AMP
AC Side Volt	2.2	Volts
HCP (EVCU) AC Current Max Cal	-0.50	Amps
Battery Side Voltage	202.1	Volts
Battery Side Current	0.40	Amps
HCP (EVCU) HV Volt Min Cal	244	Volt
OBC Idle Tml	2	hrs
HCP (EVCU) HV Volt Max Cal	152	Volt
OBCM Temperature 3	52	DegC
OBCM Temperature 2	57	DegC
J1772 ICA	0	AMP
OBCM Temperature 4	49	DegC
External OBCM Inlet Temperature (CAN)	-40	DegC
OBCM Temperature 1	58	DegC
Watt-Hours of AC Power	0	W-Hrs
Control Pilot Duty Cycle	0.00	%
Watt Hours of Charge the HV Bus	0	W-Hrs
Control Pilot Frequency	1024	Hz
Module A Primary - PFC Temperature	49	DegC
Prox Voltage	4.451	Volt
Control Pilot Amplitude	7.588	Volts
Module A Secondary - Buck Temperature	49	DegC
Module A Primary - AC Side Volt	2.3	Volts
Module A Primary - AC Side Current	-24.70	Amps
Module A Secondary - Ambient Temperature	57	DegC
Module B Primary - LLC Temperature	53	DegC
Module B Primary - PFC Temperature	52	DegC
Module A Secondary - Buck Output Voltage	0.4	Volts
Module A Secondary - Battery Side Current	-24.80	Amps
Module B Secondary - Ambient Temperature	58	DegC
Module B Secondary - Buck Temperature	52	DegC
Module A Secondary - Battery Side Voltage	202.0	Volts
Module B Secondary - Buck Output Voltage	0.2	Volts
Module B Secondary - Battery Side Current	-24.80	Amps
Module B Primary - AC Side Current	-24.70	Amps
Module A Primary - LLC Temperature	51	DegC
Module B Secondary - Battery Side Voltage	202.3	Volts
OBCM Charge Current Available	0.00	AMP
OBC Charge Time	0	sec

Module B Primary - AC Side Volt	2.1	Volts
Ignition on Time for DTC	0	sec
OBC Charge Tml	101	hrs
OBC Idle Time	0	sec

VRM | U01B8-00 | Stored |

NAME	VALUE	UNITS
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SNAPSHOT DATA SUMMARY

- No Snapshot Data available for U1817-00
- No Snapshot Data available for P0A8F-00
- No Snapshot Data available for U0293-00
- No Snapshot Data available for U0293-00
- No Snapshot Data available for P1A21-00
- No Snapshot Data available for P062F-00
- No Snapshot Data available for P0A78-00
- No Snapshot Data available for P0A79-00
- No Snapshot Data available for P0C1A-00
- No Snapshot Data available for P1AEC-00
- No Snapshot Data available for P1AFC-00
- No Snapshot Data available for P1AFD-00
- No Snapshot Data available for U0073-00
- No Snapshot Data available for U1817-00
- No Snapshot Data available for U0293-00
- No Snapshot Data available for U01B8-00