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CONFIGURATION REPORT

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

Odometer 1477.4 miles
Publication Date Mar 11, 2020, 11:55:46 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	ORIGINAL V	PART #
PCM	Powertrain Control Module	CAN-C	68444228AC	2C4RC1N7	2C4RC1N7	68444228AC
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N7	2C4RC1N7	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68453559AB	2C4RC1N7	2C4RC1N7	68453559AB
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N7	2C4RC1N7	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AC	2C4RC1N7	2C4RC1N7	68405567AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1N7	2C4RC1N7	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC	2C4RC1N7	2C4RC1N7	68447893AC
DDM	Driver Door Module	CAN-I	68424449AC	2C4RC1N7	2C4RC1N7	68424449AC
PDM	Passenger Door Module	CAN-I	68424448AC	2C4RC1N7	2C4RC1N7	68424448AC
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N7	2C4RC1N7	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N7	2C4RC1N7	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N7	2C4RC1N7	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N7	2C4RC1N7	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N7	2C4RC1N7	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N7	2C4RC1N7	68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434912AB	2C4RC1N7	2C4RC1N7	68434912AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1N7	2C4RC1N7	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434956AC	2C4RC1N7	2C4RC1N7	68434956AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N7	2C4RC1N7	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AC	2C4RC1N7	2C4RC1N7	68360889AC
BCM	Body Controller	CAN-C	68424601AD	2C4RC1N7	2C4RC1N7	68424601AD
ACC	Adaptive Cruise	CAN-C	04672758AB	2C4RC1N7	2C4RC1N7	04672758AB

	Control					
RADIO	Radio	CAN-I	68461768AA	2C4RC1	2C4RC1N	68461768AA
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N7	2C4RC1N	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N7	2C4RC1N	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N7	2C4RC1N	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N7	2C4RC1N	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N7	2C4RC1N	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AC	2C4RC1N7	2C4RC1N	05193166AC
HCP	Hybrid Control Processor	CAN-C	05190265AE	2C4RC1N7	2C4RC1N	05190265AE
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N7	2C4RC1N	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N7	2C4RC1N	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N7	2C4RC1N	68316174AB
VRM	Video Routing Module	CAN-I	68376134AF	2C4RC1N7	2C4RC1N	68376134AF
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1N7	2C4RC1N	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N7	2C4RC1N	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N7	2C4RC1N	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190266AE	2C4RC1N7	2C4RC1N	05190266AE
EBBM	Electronic Brake Booster Module	CAN-C	68461813AA	2C4RC1N7	2C4RC1N	68461813AA
ABSO	Anti Lock Brakes OBD	CAN-C	68461812AA	2C4RC1N7	2C4RC1N	68461812AA
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 02 03	4419	B25C9DC8
ICS	USA	0F 0C 00	11 16 00	4700	
RFH	USA / USA	10 17 00	13 09 00	4A00	
ESM	USA / USA	0F 24 00	12 02 FF	4402	
ORC	USA / USA	11 1F 00	12 2B 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	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	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 02 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	13 27 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	0E 30 00	10 2B 00	4301	
BCM	USA	0D 11 00	13 0C 90	4415	
ACC	USA / USA	13 21 00	11 0D 00	4201	
RADIO	USA	13 1D 2A	13 1D 2A	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	11 2B 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 01	4005	A6D89D70
HCP	USA	11 1D 07	13 05 03	4005	C6F23FD5 E84E843F 31B4913E
OBCM	USA	0F 0D 00	11 2B 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	11 16 00	11 15 00	4000	
VRM	USA / USA	0F 1C 00	13 0C 10	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 05 03	4000	
EBBM	USA	0E 19 02	12 31 17	4000	AD6A1E22
ABSO	USA	0E 15 02	12 2E 1E	4201	73EEDB6B
SGW		5	779	4103	

PCM CONFIGURATION

NAME	VALUE	UNITS
Active Exhaust Pressure Sensor Equipped	False	
Secondary Mass Airflow Sensor Equipped	False	
Electronic Parking Brake Equipped	True	
Active Exhaust Valve(s) Equipped	False	

Aux Coolant Pump Heater Equipped	False	
Mechanical Coolant Pump Equipped	False	
Heater Temp Control Valve Equipped	False	
Wastegate HBridge Equipped	False	
High Side Port Tumble Valve Equipped	False	
1 Speed Fan Mechanical Relay System Equipped	False	
Engine Stop Start Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
4.7 Liter V8 Engine	False	
VLP Is Learnable Indicator	False	
Active Exhaust Valve Equipped	False	
Clutch Interlock Switch Equipped	False	
Adaptive Cruise Control Equipped	True	
ICC Cruise Equipped	False	
Exhaust Cam 2 Equipped	True	
1.8 Liter WI4 engine	False	
Dual Fuel Tank Equipped	False	
VMM Equipped	False	
Fan Wake Up Relay System Equipped	False	
CUSW (11-Bit) Equipped	False	
MDS Equipped	False	
ERS Equipped Indicator	False	
1.0 Liter I3 Engine	False	
2 Speed Fan Mechanical Relay System Equipped	False	
Electronic Throttle Control Equipped	True	
4 Speed Automatic Transmission Equipped	False	
Secondary Air Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Intake Cam 1 Equipped	True	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
62TE	False	
Powernet Equipped	True	
Linear EGR Equipped	False	
Exhaust Cam 1 Equipped	True	
Wastegate H-Bridge Equipped	Undefined	
Trans Skip Shift Equipped	False	
Variable Displacement AC Equipped	False	
Turbocharger Equipped	False	
A/C Equipped	True	
2 Speed Fan PWM Relay System Equipped	False	
WI4 Variable Valve Timing Equipped	True	
AC Equipped	False	
Police Package Equipped	False	

Vehicle Speed Sensor #1 Calculated from CAN	False	
Engine Oil Heater Cooler Equipped	True	
High Side Port Tumble Valve Equipped	Undefined	
Linear PWM Fan Relay System Equipped	False	
Compressed Natural Gas Equipped	False	
Duty Cycle Purge Valve Equipped	True	
HPT 6-Speed Transmission Equipped	False	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
Active Grille Shutter Equipped	False	
Port Flap Valve Equipped	False	
Direct Injection Equipped	False	
2.0 Liter I4 engine	False	
Brake Pedal Sensor Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Adaptive Cruise Control Hardware Equipped	False	
Electronic Vacuum Pump Equipped	False	
3.6 Liter V6 Engine	True	
3 Speed Fan Mechanical Relay System Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
Inrush Current Reduction Relay Equipped	False	
3.2 Liter V6 Engine	False	
66RFE / 68RFE	False	
Yaw Rate Sensor ESC Equipped	False	
Battery Temp Sensor Equipped	False	
Next Gen Bus Equipped	False	
CUSW PROXI Write Programming Support Enabled	False	
Turbine Volute Valve Actuator Equipped	Undefined	
Rear Heater Equipped	False	
Sensorless FFV Enabled	False	
3.3 Liter V6 Engine	False	
3.0 Liter V6 Engine	False	
Fixed displacement AC Equipped	True	
5.7 Liter V8 Engine	False	
42RLE	False	
3.5 Liter V6 Engine	False	
Unleaded diesel fuel	False	
Variable Speed Fuel Pump Equipped	True	
Shift Indicator Lamp Equipped	False	
Knock Sensor 1 Equipped	True	
Transmission Software Included	False	
Engine Idle Shutoff Equipped	False	
CMCV H-Bridge Equipped	Undefined	

Dual Speed Fuel Pump Equipped	False	
MultiAir Equipped	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
TIP Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
ZF 9-Speed Transmission Equipped	False	
WI4 Intake Flow Control Valve Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	False	
GPEC2A Equipped	True	
Vehicle Speed Sensor #1 Calculated by ECU	False	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
VFS Actuators Available Indicator	False	
6.1 Liter V8 Engine	False	
Mechanical Coolant Pump Heater Equipped	False	
Viscosity Sensor Equipped	False	
2.4 Liter WI4 engine	False	
6.4 Liter V8 Engine	False	
Cummins Equipped	False	
Low Temperature Radiator Coolant Pump Equipped	False	
Linear Purge Equipped	False	
Fiat VIN Learning Strategy Equipped	False	
Dual Stage Oil Pump Equipped	True	
Aisin 6-Speed RWD Transmission Equipped	False	
GPEC3 Equipped	False	
Operator Idle Speed Request Equipped	False	
Oil Pressure Sensor Enabled	True	
3.7 Liter V6 Engine	False	
Constant Heater Temperature Control Valve Equipped	False	
Knock Sensor 2 Equipped	True	
SRV Equipped	False	
Continuous Variable Transmission Equipped	False	
Unleaded Gasoline Fuel	True	
ESIM Equipped	False	
GPEC2 Equipped	False	
Barometric Sensor Equipped	False	
Coolant On-Off Pump Equipped	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
Electric Coolant Valve Equipped	False	
Hybrid Electric Vehicle Equipped	True	
Starter Relay 2 Equipped	False	
Secondary Fuel Pump Equipped	False	
CUSW (29-Bit) Equipped	False	
ETC Cruise equipped	False	

Tumble Generator Valve Equipped	False	
GPEC4 Equipped	False	
Coolant On-Off Valve Equipped	False	
Intake Cam 2 Equipped	True	
PTO System Equipped	False	
Wide Range O2 Sensor 2/1 Equipped	False	
EMAT (Getrag DCT transmission) Equipped	False	
Auxiliary Coolant Pump Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
40TE / 41TE / 41TEA	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
Electric Water Pump Equipped	False	
4.0 Liter I6 Engine	False	
4 Button Integrated Cruise Control	False	
Active Exhaust Pressure Sensor Equipped	False	
VLP Equipped Indicator	False	
Cooled EGR Equipped	False	
Engine Software In Package	True	
Active Engine Mount Equipped	False	
Transmission Oil Heater Equipped	False	
Electric Thermostat Heater Equipped	False	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
AC Equipped Over Bus	False	
PWM Fan Motor System Equipped	True	
Electronic Coolant Pump Equipped	False	
3.8 Liter V6 Engine	False	
Auxiliary Heater Electric Water Pump Equipped	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
MTV Solenoid Equipped	False	
Power Steering Switch Equipped	False	
2.7 Liter V6 Engine	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
Supercharger Equipped	False	
Fiat 940 Compact Equipped	False	
45RFE / 545RFE / 65RFE	False	
Trans Reverse Lockout Equipped	False	
Primary Lin Alternator Equipped	False	
6.2 Liter V8 Engine	False	
Clutch Sensor Equipped	False	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Power Steering Angle Sensor Mandatory	False	
5 Button Cruise (LIN) Equipped	True	
Cylinder Pressure Sensor Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	

Operator Idle Speed Request Equipped	False	
Mass Airflow System Equipped	False	
Make Up Air Sensor Equipped	False	
INTAKE O2 SENSOR EQUIPPED	False	
Throttle Inlet Temp Sensor Equipped	False	
Bi-Directional Crank Sensor Equipped	True	
CUSW 4-Button Cruise Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Brake Pedal Sensor Equipped	False	
Variable Valve Lift Equipped	Not Equipped	
2.0 Liter I4 Direct Injection Engine	False	
Coolant On-Off Pump Equipped	Not Equipped	
Primary Lin Alternator Equipped	Not Equipped	
1.0 Liter I3 Engine	False	
Supercharger Equipped	False	
ZF 9-Speed Trans Equipped	False	
Auxillary Coolant Pump Equipped	False	
Cooled EGR Equipped	False	
PTO System Equipped	False	
Engine Idle Shutoff Equipped	False	
Dual Fuel Tank Equipped	False	
CNG Large Gas Tank Equipped	False	
Dual Alternator Gen1 Capable	False	
Low Temp Radiator Coolant Pump Equipped	False	
A/C Relay Powered from Engine Switched Battery	False	
Hybrid MEC Shifter Equipped	False	
HPT 6-Speed Trans Equipped	False	
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
Rollover Sensing	Configured	
Left Side Seat Squib 1	Configured	
Left B-Pillar Impact Acceleration Sensor	Configured	
Passenger Seat Track Position Sensor	Configured	
Second Row Left seat belt Switch	Not Configured	
Driver Knee Bolster Squib	Configured	
Driver Seatbelt Buckle Pretensioner	Not Configured	
Second Row Right Seat Side Airbag	Not Configured	
Driver Seatbelt Anchor Pretensioner	Configured	
Passenger Seatbelt Retractor Pretensioner	Configured	
Right Up-Front Acceleration Sensor	Configured	
Passenger Seatbelt Anchor Pretensioner	Configured	
Driver Seatbelt Load Limiter	Configured	
Driver Frontal Squib 3	Configured	
Passenger Knee Bolster Squib	Configured	
Driver Seatbelt Retractor Pretensioner	Configured	
Left Side Door Pressure Sensor	Configured	
Second Row Center seat belt Switch	Not Configured	
Right Curtain Squib 1	Configured	
Passenger Airbag Disable Indicator	Not Configured	

Right Side Door Pressure Sensor	Configured	
Driver Seat Track Position Sensor	Configured	
Left D-Pillar Impact Acceleration Sensor	Configured	
Right D-Pillar Impact Acceleration Sensor	Configured	
Passenger Occupant Detection Sensor	Not Configured	
Passenger Airbag Disable Switch	Not Configured	
Right Side Seat Squib 1	Configured	
Passenger Frontal Squib 4	Not Configured	
Passenger Frontal Squib 2	Configured	
Right B-Pillar Impact Acceleration Sensor	Configured	
Passenger Seatbelt Buckle Pretensioner	Not Configured	
Right C-Pillar Impact Acceleration Sensor	Configured	
Passenger Frontal Squib 1	Configured	
First Row Passenger Seatbelt Buckle Switch	Configured	
Second Row Right seat belt Switch	Not Configured	
Occupant Classification (OCM)	Configured	
Passenger Seatbelt Load Limiter	Configured	
Driver Frontal Squib 4	Not Configured	
Second Row Left Seat Side Airbag	Not Configured	
Left Up-Front Acceleration Sensor	Configured	
Driver Frontal Squib 1	Configured	
Passenger Frontal Squib 3	Configured	
EPPM	Not Configured	
Driver Frontal Squib 2	Configured	
Configuration Column Identifier	A3	
Left Curtain Squib 1	Configured	
First Row Driver Seatbelt Buckle Switch	Configured	
Left C-Pillar Impact Acceleration Sensor	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
ANC Status	Off - RPM Out of Range	
Left/Right Hand Drive	Left Hand Drive	
Current EQ Checksum	F2 05 09 57	
Current ANC Calibration ID - Service	RU PHEV 3.6L: Steel Roof & Harman AMP	
Premium - 3	True	
Premuim - 1 (8 channel)	False	
Premuim - 2 (12 Channel)	False	
Non -ANC	False	

Teen Key Present	False	
Sub-EQ Set Selected	Cabin EQ Selected	
Cabin Equalization Curve Number	53	
Surround Sound Activated	Not Set	
Door Module - Right Rear	Present	
Door Module - Left Front	Present	
Door Module - Left Rear	Present	
Door Module - Right Front	Present	
ANC Calibration Date - Year	18	
ANC Calibration Date - Week	45	
ANC Calibration Date - Patch Level	2	

IPC CONFIGURATION

NAME	VALUE	UNITS
PHEV	True	
Rear Fog Lamp	False	

PTS CONFIGURATION

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

SCCM CONFIGURATION

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

BCM CONFIGURATION

NAME	VALUE	UNITS
Number of Reprogramming Attempts - Counter #0	0	
Last Programmed Status	Manufacturing	
Vehicle Configuration Programmed Status	True	
ECU Configuration 13	3	
Vehicle Configuration 7 - Write Counter	3	
Vehicle Configuration 2 - Write Counter	3	
ECU Configuration 5 (Wireless)	3	
ECU Configuration 6 (Suspension)	3	
Programmed ECUs: P/T Chassis Network	3	
ECU Configuration 8 (LIN and Miscellaneous)	3	
ECU Configuration 9 (ITM)	3	
ECU Configuration 15 (Suspension)	3	

ECU Configuration 6 (Safety)	3	
ECU Configuration 6 (Powertrain)	3	
ECU Configuration 10	3	
ECU Configuration 4	3	
Vehicle Configuration 5 - Write Counter	3	
Programmed ECUs: Cabin Network	3	
ECU Configuration 9A	3	
Programmed Network Configuration - Audio / Telematics Network	0	
Vehicle Config CSM1	3	
Last Configuration Odometer	0	miles
ECU Configuration 5 (Memory)	3	
ECU Configuration 15 (CBC Features)	3	
Vehicle Config CSM2	3	
Vehicle Configuration Auto Write Counter	1	
Vehicle Configuration 4 - Write Counter	3	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	3	
ECU Configuration 14	3	
ECU Configuration 3	3	
ECU Configuration 11	3	
ECU Configuration 2 (CBC Features)	3	
ECU Configuration 5 (Doors)	3	
Vehicle Configuration 6 - Write Counter	3	
ECU Configuration 12	3	
Programmed ECUs: Hybrid LAN Network	0	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	3	
ECU Configuration 6 (Brake)	3	
Vehicle Configuration 1 - Write Counter	3	
Vehicle Configuration 3 - Write Counter	3	
Special Packages	74	
Drive Configuration	2WD Front	
Country Code	USA	
Hill Descent Feature Present	Not Set	
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Left/Right Hand Drive	Left Hand Drive	
Body Style	Station Wagon	
PTS Configuration	Semi Automatic / Semi Automatic	
Performance Pages Present	Not Present	
Maximum Vehicle Speed	0	MPH
Emode Present	Not Set	
Select Speed Control Feature Present	Not Set	
Model Year	2020	
Vehicle Line	RU	
Remote Start Present	Set	
Auto Highbeam	Set	

Full Size Spare	Not Set	
Air Conditioning Present	Not Set	
SKIM System Present	Not Set	
Max Load Inflation Pressure Front Tire	36.0	PSI
Off Road Capable	Not Set	
Flipper Glass Present	Not Set	
Rain Sensor Present	Set	
Cruise Feature is Present	Not Set	
Power Inverter Type	No Power Inverter	
Max Load Inflation Pressure Rear Tire	36.0	PSI
Thatcham Present	Not Set	
Special Packages IC	Pacifica	
Premium TPM system present	Set	
Vehicle is an SRT	Not Set	
Display Compass Heading Present	Set	
HVAC Configuration	Dual Zone ATC + Rear	
Power Right Sliding Door Present	Set	
Base TPM system present	Not Set	
Chassis Type	Type 9	
Keyless Go Present	Set	
Wheel Base	Wheel base not programmed / WB_NP	
Collision Mitigation System present	Set	
Window Express Feature Configuration	All windows express feature	
Paddle Shift Feature Present	Not Set	
Fuel Capacity	17	gallons
T-Case Type	Not Present / Not Present	
Door Alert Feature Present	Not Set	
High Intensity Discharge Head Lamps	Not Set	
Police Lighting Feature	Not Set	
Auto Park Present	Set	
ELV Present	Not Set	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Passive Entry Present	Set	
Secondary Lock Present	Not Set	
Auto Headlamp Feature Present	Set	
ESCL system present	Not Set	
FOBIK Safe Enable	Set	
Power Left Sliding Door Present	Set	
Disable Display of Radio Clock	Not Set	
Vehicle Brand	Chrysler	
Liftgate/Trunk Type	Power Liftgate	
Display Outside Temperature Present	Set	
Two Fuel Sending Units Present	Not Set	
RKE System Present	Set	

Sport Mode Present	Not Set	
Forward Collision Warning present	Set	
Transfer Case High Ratio	1.000	No Unit
Transfer Case Low Range Reduction Ratio	0.000	
Dynamic Tire Circumference (All or Rear)	89	inch
Axle Ratio	3.251	
Steering Ratio at Negative Angle 1	0.0	No Unit
Analog Door Sensor Configuration	Driver Door Only Analog Sensor	
Air Quality System Present	Not Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Connector A Pin 11: Hood Ajar Switch Input Present	Set	
Connector G Pin 22: VTA Warning LED Output Present	Set	
Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	
Connector E Pin 5: PHEV Fuel Door Switch Input	Set	
Connector E Pin 7: Left HID Relay Control Output Present	Not Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector A Pin 22: Right Dedicated DRL Lamp Output Present	Set	
Connector A Pin 10/Connector D Pin 5: Side Markers Output Present	Set	
Connector D Pin 10: Trailer Tow Tail Lamp Output Present	Not Set	
Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present	Not Set	
Connectro E Pin 37: Right HID Control Output Present	Not Set	
Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector A Pin 3/Connector D Pin 2: Low Beam Output Present	Set	
Connector F Pin 4: Liftgate Release Present	Not Set	
Connector F Pin 8 : Liftgate Release Outside Handle Switch Present	Not Set	
Connector E Pin 11: Vacuum Switch Input	Not Set	
Connector A Pin 1 and Connector D Pin 13: Front Fog Lamps Output Present	Set	
Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output Present	Set	
Connector E Pin 3/Connector F Pin 42: Rear Turn Lamps Output Present	Not Set	
Connector E Pin 34: Vacuum Cleaner Relay Output Present	Not Set	
Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output	Not Set	
Connector F Pin 29: Horn Switch Present	Set	
Connector G Pin 15: UGDO Feed Output Present	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 F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector D Pin 12: PHEV ECM Hardwire Wake Up Output Present	Set	
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	
Connector F Pin 35: Inverter Enable Relay Output Present	Set	
Connector E Pin 8: PHEV HCP Hardwire Wakeup	Set	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Not Set	

Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector D Pin 15: Left Dedicated DRL Lamps Output Present	Set	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Set	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
Front Fog Lamp Dropout Enable	Set	
LED Dedicated DRL Present	Set	
Side Repeaters Enable	Not Set	
Park Lamp Loadshed Enable	Set	
Bi Xenon Headlamps Enable	Not Set	
LED Front Park/Marker Lamps Present	Set	
Tip Start Enabled	Set	
LED Rear Turn Lamps Present	Not Set	
LED Tail Lamps Present	Set	
LED Front Turn Lamps Present	Not Set	
LED CHMSL Lamp Present	Set	
Hazard Lamp Configuration	Latching Switch	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
LED License Lamps Present	Set	
Front Wiper Wipes After Wash	2 Wipes	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	
Reversible Washer Pump Enable	Set	
Combined Front Park/Turn Feature Enable	Not Set	
Combined Rear Lighting Enable	Set	
One Touch Lane Change	Set	
DRL Dropout Enable	Set	
LED Reverse Lamps Present	Not Set	
Illuminated approach Enabled	Not Set	
LED High Beam Lamps Present	Not Set	
Fuel Door Release Enabled	Not Present	
Quad Headlamps Enable	Set	
Exterior Light Loadshed Enable	Set	
Rear Wiper Park Enable	Set	
Fuel Door Present	Not Set	
DRL Configuration	No DRL	
DRL Lamp Location	Dedicated	
LED Stop Lamps Present	Not Set	
LED Rear Fog Lamps Present	Not Set	
LED Low Beam Lamps Present	Not Set	
LED Front Fog Lamps Present	Not Set	
Headlamp Wash Shot	double	
Dual Start Relay System Present	Not Set	
Wiper Service Position Enabled	Not Set	
Trailer Tow Present	Not Set	
Front Wiper Park Enable	Set	

Tunnel Detection	Not Set	
Horn Chirp Allowed	Set	
Headlamp Wash Interval	wash cycle#11	
Destination	United States of America	
Front Park Assist Present	Set	
Antenna Type	Active Primary and no secondary antenna	
Power Door Locks Present	Set	
Surround Sound Feature Present	Set	
Microphone Configuration	2 Microphones	
Microphone Type	Peiker 300 mv	
Front Heated Seats Present	Set	
Heated Steering Wheel Present	Set	
External Port Type	AUX + USB	
Cabin Equilization Curve Number	RU Premium System - Harman 12ch	
Disable CD Eject	Not Set	
Splashscreen Type	Vehicle Brand	
Power Inverter Present	Not Set	
Microphone Tuning Parameter	Absent [Not Used]	
Rear Camera Present	Not Set	
Fleet Vehicle Content	Not Set	
AP4 Right Rear	CAN	
AP5 Trunk Lock	Simple Switch	
Airport Scenario Trunk	Not Set	
Tip Start Present	Set	
AP5 Trunk Unlock	CAN	
AP1 Left Front	Smart Switch	
Vehicle Variant	Undefined	
AP2 Right Front	Smart Switch	
AP3 Left Rear	CAN	
Puddle Lamp Present	Not Set	
Sun Shade	Not Set	
Electro-chromatic passenger mirror present	Not Set	
Passenger Window Lockout	Not Set	
Rear Door Pre Short Drop	Not Set	
Global Up	Not Set	
Mirror turn signals present	Set	
Tow Mirror Present	Not Set	
Global Down	Not Set	
Folding mirrors present	Set	
Window Hall Sensors Present	Not Set	
Heated Mirrors Present	Set	
Electro-chromatic driver mirror present	Set	
Window Motor Type	Not Set	
Passenger Memory Mirror Present	Set	

Driver Memory Mirrors Present	Set	
Frameless Window Present	Not Set	
Blindspot Mirror Present	Set	
Heated Seat Material Type	Base Leather	
Stow 'n Assist Present - Passenger	Set	
Heated Wheel Material Type	Full Leather	
Front Vented Seats Present	Present	
Driver Memory Seat Present	Set	
Tilt/Telescope Steering Present	Not Set	
Rear Heated Seats Present	Not Present	
Memory Adjustable Pedals Present	Not Set	
Heated Steering Wheel Present	Present	
Stow 'n Assist Present - Driver	Set	
Brake System ECU Configuration A	value 0	
ECO Mode Configuration	Remember Previous State with Ignition Key Cycle	
Dual Alternator Present	Not Set	
Connector G Pin11/Connector G Pin 12: Not Used	ERS	
Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28	Set	
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 39: Right Rear Turn Signal	Right Rear Turn Signal	
Connecetor F Pin 33: Fuel Door Unlock (BUX)	Not Present	
Engine Off Clear Time	180	Time
Ambient Stable Counter Limit	40	Counter
Connector G Pin 2: Fog Lamp Switch Input	Fog Lamp Switch	
Connector F Pin 30: Fuel Door Lock (BUX)	Not Present	
Heatsoak Flush Time	105	Time
CHMSL Lamp Output Disable	Not Set	
Auto High Beam Module Location	HaLF	
Connector D Pin 8: Digital Spare Input #2	Not Present	
Heatsoak Speed	15	Counter
Manual Door Locks Present	Not Set	
Connector F Pin 15: Driver Door Lock Switch Input	Not Present	
Humidy Sensor Long Present	Set	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Max Engine Off Time	220	Time
Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)	Right B-Pillar Sliding Door Switch	
License Plate Lamp Disable	Not Set	
Connector F Pin 16: Passenger Door Lock Switch Input	Not Present	
Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)	Left B-Pillar sliding Door Switch	
Connector F Pin 29: Horn Switch Present	Horn Switch Input	
Connector F Pin 37: Vacuum Cleaner Power Saver Indicator	Not Present	
Heatsoak Set Time	15	Time

Connector D Pin 4: Digital Spare Input #1	Not Present	
Rain Sensor Module #2 Present	Set	
Acceleration Factor	Filter Off	
Excess Lateral Acceleration Factor	Filter Off	
Acceleration Threshold	Filter Off	
Maximum Lateral Change	Filter Off	
Brake Smoothing Threshold	Filter Off	
Nose Dive Threshold	Filter Off	
Nose Dive Factor	Filter Off	
Brake Smoothing Duration	Filter Off	
Average Last Lateral Acceleration Values	No Averaging	
Steering Smoothing Duration	Filter Off	
Brake Smoothing Factor	Filter Off	
Excess Longitudinal Acceleration Factor	Filter Off	
Steering Smoothing Threshold	Filter Off	
Steering Smoothing Factor	Filter Off	
Maximum Longitudinal Change	Filter Off	
Average Last Longitudinal Acceleration Values	No Averaging	
Auto High Beam OFF Threshold	20 km/hr	
PE Auto-Relock Feature Enable	Set	
Interior Lighting Night Threshold	4.45147	Volt
Parking Light Enable	Not Set	
Interior Lighting Day Threshold	4.27498	Volt
RKE Auto-Relock Feature Enable	Not Set	
VTA Hood Ajar Monitoring	Not Set	
Headlamp Soak Delay	1.0 sec	
Horn Chirp Duration	Short	
Auto High Beam ON Threshold	25 km/hr	
Sunroof Present	Not Set	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Temperature Display Resolution	HaLF	
Smart Alternator Present	Not Set	
Radio Speaker Open Circuit Disable (RR)	Not Set	
Radio Speaker Open Circuit Disable (LF)	Not Set	
ANC Calibration Parameter Data Set	Harman Amplified 3.6L PHEV	
Show Phone Information in Cluster	01	
Drive Mode Version	Version 1	
Radio Speaker Open Circuit Disable (RF)	Not Set	
Surround View Camera On/Off Softkey Present	Set	
Auto Dimming Mirror Hard Button Present	Set	
Automatic Crash Notification Feature Present	Undefined	
Radio Speaker Open Circuit Disable (LR)	Not Set	
Park Assist Tuning Set	BUX Front and Rear Only	
3rd Row Lock CSO	Not Set	

Rear View Camera Dynamic Grid Lines Enabled	Not Set	
Rear View Camera Static Grid Lines Enabled	Not Set	
Left Low Beam Voltage Regulation	13.6 Volts	
Right Low Beam Voltage Regulation	14 Volts	
Right Rear Corner Voltage	14 Volts	
Auto Headlamp Off Threshold	2.54930	Volt
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Left High Beam Voltage Regulation	13.6 Volts	
Right Front Corner Voltage	13.4 Volts	
Auto Headlamp On Threshold	3.31409	Volt
Left Rear Corner Voltage	14 Volts	
Right High Beam Voltage Regulation	13.8 Volts	
Left Front Corner Voltage	13.2 Volts	
1st Row Seat Side Airbags Present	True	
Passenger Kneebag Present	True	
Passive Ped Pro Present	False	
Integrated EPP Present	False	
Curtain Airbags Present	True	
Tow Hooks Present	False	
ODS Present	False	
Driver Kneebag Present	True	
BUX Market	False	
Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Connector F Pin 41: Backup-Reverse lamp Left	Set	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Stop/Start Enable Switch Present	Not Set	
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 42: Right Rear Turn Signal	Right Rear Turn Signal	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	
Connector A Pin 2: Right High Beam Feed	Right High Beam (0)	
Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	
Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Reserved	
Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	
Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel	

	resistors	
Connector E Pin 1: Backup-Reverse lamp Right	Set	
Flash Lamps on Lock	Set	
Headlamps on with Wipers	Set	
Accessory Delay Time	45	seconds
Auto Unlock	Set	
Sliding Door Chime Enable	Set	
Sound Horn On Lock Status	Chirp on 1st press/FIRST	
Unlock all doors on 1st press	Set	
Illuminated Approach Time	30	seconds
Sound Horn on Remote Start	Set	
Daytime Running Lamps	Set	
Auto Highbeam	Set	
Auto Wipers	Set	
Sound Horn on Lock	Set	
Hands Free Sliding Door Enable	Set	
Sliding Door Alert	Not Set	
Headlamp Delay Time	30	seconds
Auto Lock	Set	
Siren	Not Set	
Ultrasonics	Not Set	
Tilt	Not Set	
Fobik Safe Alerts Per Ignition Cycle	2	
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
Washer Fluid Level Voltage Threshold	4.46 volts	
Humidity Sensor Present	Set	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
HFRM Present	Set	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Alert no Reply	Set	
Alert On Search Timeout	Set	
Panic Enable	Set	
Alert On System Fault	Set	
Compass Mounting Orientation	Rightside up	
Auto Relock Time	60	seconds
CRVMM Present	Set	
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
OHC Module Present	Set	
IBS Present	Set	
EVIC SWS Module Present	Set	
Compass Mounting Angle	0	Degree
VTA System Present	VTA	
AHLM	Not Set	
RFH	Set	

SCCM	Set	
EPS	Set	
ABS	Not Set	
TCM	Not Set	
PCM	Set	
ORC	Set	
ESL	Not Set	
PTS	Set	
FFCM	Set	
ESM	Set	
ABSO	Set	
BCM (PT)	Set	
ACC	Set	
IPC	Set	
OCM	Set	
HCP	Set	
IBS Activate MWU	Not Set	
Battery Types	SNA	
IBS Minimal Charge Limit	10	AmpHrs
IBS Minimum Voltage Limit	5.0	Volts
Battery Type II	255	
IBS Minimum Charge Limit	600	mA
IBS Quiescence Current Limit	-250	mA
BPCM	Set	
APM	Set	
ESC	Set	
HCP	Set	
EBCM	Set	
ORC	Set	
AHCP	Set	
OBCM	Set	
EAC	Set	
ESM	Set	
ECM	Set	
PSDML	Set	
PSDMR	Set	
HVACR	Set	
EDM	Set	
MSM	Set	
HVAC	Set	
CVPM	Set	
DMRR	Set	
FSM	Not Set	
DTV	Not Set	

EOMR	Set	
MSMP	Set	
PDM	Set	
EAM	Not Set	
DDM	Set	
ICS	Set	
DSM	Set	
ANC	Not Set	
HSM	Set	
BCM (Interior Bus)	Set	
PLGM	Set	
AMP	Set	
DMRL	Set	
VTM	Not Set	
VRM	Set	
Radio	Set	
ITM	Not 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	WEHGBDC6	
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	22193020019113	
Traceability info	11193032737601	
XCP Enabled	False	
HIL mode Enabled	False	

EDM CONFIGURATION

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

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

RCCC CONFIGURATION

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

ABSO CONFIGURATION

NAME	VALUE	UNITS
Engine Displacement	3.6	No Unit
ESC BLA Enabled	False	
PN ESC Byte2	0	
PN ESC Byte1	0	
Drive Configuration	2WD Front	
Dynamic Tire Circumference	89	inch
VC Chassis Type	Type 9	
Axle Ratio	3.251	No Unit
Hardwired VSO	True	
ACC	True	
Multiple Pressure Sensors	True	
Rear Directional Sensors	True	
Feature PIN	False	
Front Directional Sensors	False	
EPB	True	



VEHICLE SCAN REPORT

Vehicle 2020 CHRYSLER PACIFICA/VOYAGER 3.6L V6 HYBRID ENGINE
VIN 2C4RC1N [REDACTED]

Odometer 1477.4 miles
Publication Date Mar 11, 2020, 11:54:02 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68444228AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68444228AC
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68453559AB	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68453559AB
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68405567AC
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	68369596AB	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434912AB	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68434912AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434956AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68434956AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68360889AC
BCM	Body Controller	CAN-C	68424601AD	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68424601AD
ACC	Adaptive Cruise	CAN-C	04672758AB	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	04672758AB

	Control					
RADIO	Radio	CAN-I	68461768AA	2C4RC1	2C4RC1N	68461768AA
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	04672776AA	2C4RC1	2C4RC1N	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1	2C4RC1N	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1	2C4RC1N	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AC	2C4RC1	2C4RC1N	05193166AC
HCP	Hybrid Control Processor	CAN-C	05190265AE	2C4RC1	2C4RC1N	05190265AE
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1	2C4RC1N	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1	2C4RC1N	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1	2C4RC1N	68316174AB
VRM	Video Routing Module	CAN-I	68376134AF	2C4RC1	2C4RC1N	68376134AF
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	05190266AE	2C4RC1	2C4RC1N	05190266AE
EBBM	Electronic Brake Booster Module	CAN-C	68461813AA	2C4RC1	2C4RC1N	68461813AA
ABSO	Anti Lock Brakes OBD	CAN-C	68461812AA	2C4RC1	2C4RC1N	68461812AA
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 02 03	4419	B25C9DC8
ICS	USA	0F 0C 00	11 16 00	4700	
RFH	USA / USA	10 17 00	13 09 00	4A00	
ESM	USA / USA	0F 24 00	12 02 FF	4402	
ORC	USA / USA	11 1F 00	12 2B 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	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	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 02 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	13 27 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	0E 30 00	10 2B 00	4301	
BCM	USA	0D 11 00	13 0C 90	4415	
ACC	USA / USA	13 21 00	11 0D 00	4201	
RADIO	USA	13 1D 2A	13 1D 2A	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	11 2B 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 01	4005	A6D89D70
HCP	USA	11 1D 07	13 05 03	4005	C6F23FD5 E84E843F 31B4913E
OBCM	USA	0F 0D 00	11 2B 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	11 16 00	11 15 00	4000	
VRM	USA / USA	0F 1C 00	13 0C 10	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 05 03	4000	
EBBM	USA	0E 19 02	12 31 17	4000	AD6A1E22
ABSO	USA	0E 15 02	12 2E 1E	4201	73EEDB6B
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HCP	P1444-00	Power Inverter Module - Incorrect Control Mode-	Stored
HCP	P06B1-00	Sensor Power Supply 1 Circuit Low-	Active
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Active
HCP	P0A44-00	Drive Motor A Position Sensor 1 Circuit Overspeed-	Active

HCP

P0C19-00

Drive Motor A Torque Delivered Performance-

Active

ENVIRONMENTAL DATA SUMMARY**HCP | P1444-00 | STORED | POWER INVERTER MODULE - INCORRECT CONTROL MODE-**

NAME	VALUE	UNITS
Test Failed	False	
Occurrence flag	Occurrence	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	True	
Confirmed DTC	True	
Pending DTC	True	
DTC	14 44 00	
Test Not Completed This Operation Cycle	False	
Ignition State	Ignition Lock	
Brake Switch Status	Not Applied	
PRND Position Display	P	
Propulsion System Active	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1901p0_1901A_RU_H	
HCP SW Version	1901A	
APM Status	Off	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HCP ePT Wake-Up Output	On	
HV Contactor Status	Closed	
Hybrid System State	Enable Inverters	
PHEV Charging Status	No Charging	
Frequency Counter	1	
Original Odometer Value	1477.4	miles
Most Recent Odometer Value	1477.4	miles
Real time clock	9875222	sec
Ignition Cycle Counter	0	
Internal EPS Voltage Sense A	8.136	Volts
Engine Speed	0	rpm
RAM stamps keyOn	135	sec
Accelerator Pedal Position	0	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	72	°F
Internal EPS Voltage Sense B	8.064	Volts

RAM Stamps	28318	Min
Barometric Pressure	14	PSI
Engine Coolant Temperature	70	°F
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor B Temp Sensor	73	°F
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Motor A - Inverter Current - phase C	-4	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A Resolver Angle	Invalid Value	Degree
Motor A - Inverter Current - phase A	-4	AMP
Motor B Resolver Angle	354	Degree
Motor A - Inverter Current - phase B	-4	AMP
PIM DC Link Voltage - A	343	Volts
Electric Motor B Speed	0.0	rpm
Motor B - Inverter Current - phase B	-16	AMP
HV Battery SOC	22	%
PIM DC Link Voltage - B	342	Volts
Motor B - Inverter Current - phase A	28	AMP
Electric Motor A Speed	15431.5	rpm
HV Battery Voltage from BPCM	342.60	Volts
Outside Air Temperature	68.9	°F
HV Battery Sleep Time	0	Days
Motor B - Inverter Current - phase C	-12	AMP
Battery Feed Voltage 1 Sense	12.168	Volts
Inverter A IGBT Temperature for phase B	68	°F
Inverter A IGBT Temperature for phase C	68	°F
Battery Feed Voltage 3 Sense	12.024	Volts
Inverter B IGBT Temperature for phase C	68	°F
Battery Feed Voltage 2 Sense	12.168	Volts
GPS Date - Month	1	
Inverter A IGBT Temperature for phase A	68	°F
UTC Time - Minutes	0	
GPS Date - Day	1	Days
Inverter B IGBT Temperature for phase B	68	°F
UTC Time - Hours	0	Hours
GPS Date - Year	0	Year
Inverter B IGBT Temperature for phase A	68	°F

Distance Travelled with Light ON	0	miles
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

HCP | P06B1-00 | ACTIVE | SENSOR POWER SUPPLY 1 CIRCUIT LOW-

NAME	VALUE	UNITS
DTC	06 B1 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Pending DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
Impact Event	False	
HCP System Shutdown Command	Default	
APM Status	Idle	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Resolver Offset Learn Erase	not requested	
Frequency Counter	1	
Original Odometer Value	1477.4	miles
Most Recent Odometer Value	1477.4	miles
Ignition Cycle Counter	0	
Real time clock	9874798	sec
RAM Stamps	28316	Min
RAM stamps keyOn	360	sec

Accelerator Pedal Position	0	%
HV Battery SOC	22	%
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	73	°F
Motor A Temp Sensor	72	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	70	°F
Motor A Resolver Angle Offset	1.60	Degree
Motor B Resolver Angle Offset	1.60	Degree
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver Supply Voltage Value	03FD	Volts
Battery Feed Voltage 2 Sense	12.096	Volts
Internal EPS Voltage Sense A	0.288	Volts
Internal EPS Voltage Sense B	0.000	Volts
Available Motor Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor B Speed	0.0	rpm
Electric Motor A Speed	0.0	rpm
Battery Feed Voltage 1 Sense	12.096	Volts
Battery Feed Voltage 3 Sense	11.952	Volts
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Outside Air Temperature	69.8	°F
Motor B - Inverter Current - phase C	0	AMP
HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - A	6	Volts
PIM DC Link Voltage - B	6	Volts
Inverter A IGBT Temperature for phase A	66	°F
Inverter A IGBT Temperature for phase C	66	°F
Inverter A IGBT Temperature for phase B	66	°F
Inverter B IGBT Temperature for phase B	66	°F
Inverter B IGBT Temperature for phase C	66	°F
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase A	66	°F

Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
GPS Date - Year	0	Year
HV Battery Sleep Time	0	Days
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Minutes	0	
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P0A3F-00 | ACTIVE | DRIVE MOTOR A POSITION SENSOR 1 CIRCUIT

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

Frequency Counter	1	
Original Odometer Value	1477.4	miles
Most Recent Odometer Value	1477.4	miles
Real time clock	9874798	sec
RAM Stamps	28316	Min
RAM stamps keyOn	360	sec
Accelerator Pedal Position	0	%
Ignition Cycle Counter	0	
HV Battery SOC	22	%
Engine Speed	0	rpm
Motor B Temp Sensor	73	°F
Vehicle Speed	0.0000	MPH
Barometric Pressure	14	PSI
Motor A Temp Sensor	72	°F
Engine Coolant Temperature	70	°F
Motor A Resolver Angle Offset	1.60	Degree
Motor A Resolver Supply Voltage Value	03FD	Volts
Internal EPS Voltage Sense B	0.000	Volts
Motor B Resolver Angle Offset	1.60	Degree
Motor B Resolver Supply Voltage Value	15.75	Volts
Internal EPS Voltage Sense A	0.288	Volts
Battery Feed Voltage 2 Sense	12.096	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.553	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-0.553	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Electric Motor B Speed	0.0	rpm
Electric Motor A Speed	0.0	rpm
Commanded Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Battery Feed Voltage 3 Sense	11.952	Volts
Battery Feed Voltage 1 Sense	12.096	Volts
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Outside Air Temperature	69.8	°F
Inverter A IGBT Temperature for phase A	66	°F
PIM DC Link Voltage - B	6	Volts
HV Battery Voltage from BPCM	180.00	Volts

Inverter A IGBT Temperature for phase B	66	°F
PIM DC Link Voltage - A	7	Volts
Inverter B IGBT Temperature for phase A	66	°F
Inverter A IGBT Temperature for phase C	66	°F
Inverter B IGBT Temperature for phase B	66	°F
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase C	66	°F
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms
UTC Time - Minutes	0	

HCP | P0A44-00 | ACTIVE | DRIVE MOTOR A POSITION SENSOR 1 CIRCUIT OVERSPEED-

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

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

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

HCP | P0C19-00 | ACTIVE | DRIVE MOTOR A TORQUE DELIVERED PERFORMANCE-

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

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

Motor A Phase V Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - High-Side	False	
Motor A Phase W Over Voltage Fault VDD - 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 Over Voltage Fault VH - Low-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Inverter A Status Feedback	Inverter Faulted	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Accelerator Pedal Position	0	%
Real time clock	9874796	sec
Ignition Cycle Counter	0	
Engine Speed	0	rpm
RAM Stamps	28316	Min
RAM stamps keyOn	360	sec
Frequency Counter	1	
Barometric Pressure	14	PSI
Most Recent Odometer Value	1477.4	miles
Inverter A Input DC Current	0.0	AMP
Actual Torque - Motor A	0.000	Ft-Lbs
HV Battery SOC	22	%
Engine Coolant Temperature	70	°F
Original Odometer Value	1477.4	miles
Electric Motor A Speed	0.0	rpm
Motor A - Inverter Current - phase A	-4	AMP
Available Motor Torque - Motor A	1.291	Ft-Lbs
Vehicle Speed	0.0000	MPH
Battery Feed Voltage 3 Sense	11.952	Volts
Battery Feed Voltage 2 Sense	12.096	Volts
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor A Resolver Supply Voltage Value	03FD	Volts
PIM DC Link Voltage - A	6	Volts
Internal EPS Voltage Sense A	0.288	Volts
Internal EPS Voltage Sense B	0.000	Volts
PIM DC Link Voltage - B	6	Volts
Low Temp Active Pump Speed	0	rpm
Passive Pump Coolant Temp In Sensor	68	°F
High Temp Aux Pump - Actual Speed	0	rpm

Outside Air Temperature	69.8	°F
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase B	0	AMP
Available Motor Torque - Motor B	232.301	Ft-Lbs
Motor B Temp Sensor	73	°F
Motor B - Inverter Current - phase C	-4	AMP
HV Battery Voltage from BPCM	180.00	Volts
Inverter A IGBT Temperature for phase A	66	°F
Motor B - Inverter Current - phase A	0	AMP
Battery Feed Voltage 1 Sense	12.096	Volts
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor B Speed	0.0	rpm
Motor B Resolver Angle	324	Degree
Available Regen Torque - Motor A	-1.291	Ft-Lbs
Inverter B IGBT Temperature for phase A	66	°F
Inverter B IGBT Temperature for phase B	66	°F
Inverter B IGBT Temperature for phase C	66	°F
Inverter A IGBT Temperature for phase B	66	°F
Inverter A IGBT Temperature for phase C	66	°F
Motor B Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
Motor A Torque	0.000	Ft-Lbs
GPS Date - Month	1	
GPS Date - Day	1	Days
Distance Travelled with Light ON	0	miles
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms
UTC Time - Minutes	0	
GPS Date - Year	0	Year

SNAPSHOT DATA SUMMARY



VEHICLE SCAN REPORT

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

Odometer 1517.0 miles
Publication Date Mar 26, 2020, 9:05:31 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68444228AC	2C4RC1N7	2C4RC1N7	68444228AC
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N7	2C4RC1N7	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68453559AB	2C4RC1N7	2C4RC1N7	68453559AB
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N7	2C4RC1N7	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AC	2C4RC1N7	2C4RC1N7	68405567AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1N7	2C4RC1N7	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC	2C4RC1N7	2C4RC1N7	68447893AC
DDM	Driver Door Module	CAN-I	68424449AC	2C4RC1N7	2C4RC1N7	68424449AC
PDM	Passenger Door Module	CAN-I	68424448AC	2C4RC1N7	2C4RC1N7	68424448AC
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N7	2C4RC1N7	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N7	2C4RC1N7	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N7	2C4RC1N7	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N7	2C4RC1N7	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N7	2C4RC1N7	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N7	2C4RC1N7	68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434912AB	2C4RC1N7	2C4RC1N7	68434912AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1N7	2C4RC1N7	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434956AC	2C4RC1N7	2C4RC1N7	68434956AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N7	2C4RC1N7	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AC	2C4RC1N7	2C4RC1N7	68360889AC
BCM	Body Controller	CAN-C	68424601AD	2C4RC1N7	2C4RC1N7	68424601AD
ACC	Adaptive Cruise	CAN-C	04672758AB	2C4RC1N7	2C4RC1N7	04672758AB

	Control					
RADIO	Radio	CAN-I	68461768AA	2C4RC1	2C4RC1N	68461768AA
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	04672776AA	2C4RC1	2C4RC1N	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1	2C4RC1N	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1	2C4RC1N	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AC	2C4RC1	2C4RC1N	05193166AC
HCP	Hybrid Control Processor	CAN-C	05190265AE	2C4RC1	2C4RC1N	05190265AE
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1	2C4RC1N	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1	2C4RC1N	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1	2C4RC1N	68316174AB
VRM	Video Routing Module	CAN-I	68376134AF	2C4RC1	2C4RC1N	68376134AF
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	05190266AE	2C4RC1	2C4RC1N	05190266AE
EBBM	Electronic Brake Booster Module	CAN-C	68461813AA	2C4RC1	2C4RC1N	68461813AA
ABSO	Anti Lock Brakes OBD	CAN-C	68461812AA	2C4RC1	2C4RC1N	68461812AA
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 02 03	4419	B25C9DC8
ICS	USA	0F 0C 00	11 16 00	4700	
RFH	USA / USA	10 17 00	13 09 00	4A00	
ESM	USA / USA	0F 24 00	12 02 FF	4402	
ORC	USA / USA	11 1F 00	12 2B 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	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	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 02 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	13 27 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	0E 30 00	10 2B 00	4301	
BCM	USA	0D 11 00	13 0C 90	4415	
ACC	USA / USA	13 21 00	11 0D 00	4201	
RADIO	USA	13 1D 2A	13 1D 2A	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	11 2B 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 01	4005	A6D89D70
HCP	USA	11 1F 04	13 05 03	4005	EFBD28D0 D137C322 31B4913E
OBCM	USA	0F 0D 00	11 2B 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	11 16 00	11 15 00	4000	
VRM	USA / USA	0F 1C 00	13 0C 10	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 32 01	12 33 00	4003	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	13 05 03	4000	
EBBM	USA	0E 19 02	12 31 17	4000	AD6A1E22
ABSO	USA	0E 15 02	12 2E 1E	4201	73EEDB6B
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HVAC	B10EB-00	Blower Power Module-	Stored
HCP	P1444-00	Power Inverter Module - Incorrect Control Mode-	Stored
HCP	P06B1-00	Sensor Power Supply 1 Circuit Low-	Stored
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Stored

HCP	P0A44-00	Drive Motor A Position Sensor 1 Circuit Overspeed-	Pending
HCP	P0C19-00	Drive Motor A Torque Delivered Performance-	Stored

ENVIRONMENTAL DATA SUMMARY

HVAC | B10EB-00 | STORED | BLOWER POWER MODULE-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	True	
Test Failed	False	
Pending DTC	False	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Occurrence flag	Error	
Most Recent Odometer Value	1511	miles
Original Odometer Value	1511	miles
Frequency Counter	2	
Ignition Cycle Counter	4	

HCP | P1444-00 | STORED | POWER INVERTER MODULE - INCORRECT CONTROL MODE-

NAME	VALUE	UNITS
Test Not Completed Since Last Clear	False	
DTC	14 44 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Pending DTC	True	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PRND Position Display	P	
Ignition State	Ignition Lock	
Propulsion System Active	False	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
HCP ePT Wake-Up Output	On	
HCP SW Version	1901A	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
SW Build Release Version	PIMC19A1901p0_1901A_RU_H	
Impact Event	False	
HV Contactor Status	Closed	

APM Status	Off	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Enable Inverters	
PHEV Charging Status	No Charging	
Original Odometer Value	1516.5	miles
Most Recent Odometer Value	1516.5	miles
Frequency Counter	2	
RAM stamps keyOn	270	sec
Accelerator Pedal Position	0	%
Real time clock	11443750	sec
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH
HV Battery SOC	22	%
Motor B Temp Sensor	81	°F
Engine Coolant Temperature	117	°F
Motor A Temp Sensor	79	°F
Ignition Cycle Counter	0	
Barometric Pressure	14	PSI
Motor B Torque	0.000	Ft-Lbs
Internal EPS Voltage Sense B	8.064	Volts
Motor A Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Internal EPS Voltage Sense A	8.208	Volts
RAM Stamps	424	Min
Actual Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Motor B - Inverter Current - phase A	-52	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-8	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A Resolver Angle	Invalid Value	Degree
Motor A - Inverter Current - phase C	0	AMP
Electric Motor A Speed	15431.5	rpm
Electric Motor B Speed	0.5	rpm
PIM DC Link Voltage - A	344	Volts
Motor B - Inverter Current - phase B	52	AMP
PIM DC Link Voltage - B	336	Volts
HV Battery Voltage from BPCM	339.90	Volts

Motor B Resolver Angle	142	Degree
HV Battery Sleep Time	0	Days
Outside Air Temperature	66.2	°F
Battery Feed Voltage 1 Sense	12.168	Volts
Inverter A IGBT Temperature for phase C	75	°F
Battery Feed Voltage 2 Sense	12.168	Volts
Battery Feed Voltage 3 Sense	11.952	Volts
Inverter A IGBT Temperature for phase A	73	°F
GPS Date - Year	0	Year
Inverter A IGBT Temperature for phase B	75	°F
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase A	75	°F
Inverter B IGBT Temperature for phase B	75	°F
Inverter B IGBT Temperature for phase C	75	°F
ECU Time - Milliseconds	0	ms
UTC Time - Hours	0	Hours
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds

HCP | P06B1-00 | STORED | SENSOR POWER SUPPLY 1 CIRCUIT LOW-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
DTC	06 B1 00	
Confirmed DTC	True	
Pending DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Warning Indicator Requested	True	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
Propulsion System Active	False	
PRND Position Display	N	
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	Reserved	

HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Off	
HCP System Shutdown Command	Default	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	1516.3	miles
Most Recent Odometer Value	1516.3	miles
Ignition Cycle Counter	0	
Real time clock	11443296	sec
Frequency Counter	1	
RAM stamps keyOn	210	sec
RAM Stamps	418	Min
Accelerator Pedal Position	0	%
Engine Speed	3988	rpm
HV Battery SOC	24	%
Motor A Temp Sensor	82	°F
Motor B Temp Sensor	100	°F
Vehicle Speed	35.0104	MPH
Barometric Pressure	14	PSI
Engine Coolant Temperature	126	°F
Motor A Resolver Angle Offset	1.20	Degree
Motor B Resolver Angle Offset	2.00	Degree
Motor A Resolver Supply Voltage Value	03FD	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	14.616	Volts
Internal EPS Voltage Sense A	8.208	Volts
Actual Torque - Motor B	-0.553	Ft-Lbs
Internal EPS Voltage Sense B	8.064	Volts
Available Motor Torque - Motor B	203.540	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	-18.621	Ft-Lbs
Available Regen Torque - Motor B	-203.540	Ft-Lbs
Commanded Torque - Motor A	-10.417	Ft-Lbs
Commanded Torque - Motor B	-3.134	Ft-Lbs
Electric Motor A Speed	12509.5	rpm
Electric Motor B Speed	3712.0	rpm
Battery Feed Voltage 3 Sense	14.328	Volts
Motor A - Inverter Current - phase B	-140	AMP

Battery Feed Voltage 1 Sense	14.616	Volts
Motor A - Inverter Current - phase A	16	AMP
Motor B - Inverter Current - phase A	-8	AMP
Motor B - Inverter Current - phase B	-12	AMP
Motor A - Inverter Current - phase C	116	AMP
Motor B - Inverter Current - phase C	8	AMP
Outside Air Temperature	62.6	°F
HV Battery Voltage from BPCM	336.40	Volts
PIM DC Link Voltage - A	340	Volts
PIM DC Link Voltage - B	333	Volts
Inverter A IGBT Temperature for phase A	88	°F
Inverter A IGBT Temperature for phase C	86	°F
Inverter B IGBT Temperature for phase A	97	°F
Inverter A IGBT Temperature for phase B	86	°F
Inverter B IGBT Temperature for phase B	97	°F
Inverter B IGBT Temperature for phase C	100	°F
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	-0.553	Ft-Lbs
GPS Date - Year	0	Year
HV Battery Sleep Time	2	Days
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms

HCP | P0A3F-00 | STORED | DRIVE MOTOR A POSITION SENSOR 1 CIRCUIT

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
DTC	0A 3F 00	
Pending DTC	True	
Test Failed	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
Propulsion System Active	False	

PRND Position Display	N	
Motor A Resolver Offset Learn Erase	not requested	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Hybrid System State	Reserved	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
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 Resolver Offset Learn Erase	not requested	
Original Odometer Value	1516.3	miles
Most Recent Odometer Value	1516.3	miles
Ignition Cycle Counter	0	
Frequency Counter	1	
Real time clock	11443296	sec
RAM stamps keyOn	210	sec
Accelerator Pedal Position	0	%
RAM Stamps	418	Min
Engine Speed	4118	rpm
HV Battery SOC	24	%
Motor A Temp Sensor	82	°F
Vehicle Speed	35.2434	MPH
Barometric Pressure	14	PSI
Motor B Temp Sensor	99	°F
Engine Coolant Temperature	126	°F
Motor A Resolver Angle Offset	1.20	Degree
Motor B Resolver Angle Offset	2.00	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Internal EPS Voltage Sense B	8.064	Volts
Internal EPS Voltage Sense A	8.208	Volts
Battery Feed Voltage 2 Sense	14.760	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	113.108	Ft-Lbs
Available Motor Torque - Motor A	3.226	Ft-Lbs
Available Regen Torque - Motor A	-25.719	Ft-Lbs
Available Motor Torque - Motor B	175.147	Ft-Lbs

Commanded Torque - Motor A	-0.737	Ft-Lbs
Available Regen Torque - Motor B	-175.147	Ft-Lbs
Commanded Torque - Motor B	1.659	Ft-Lbs
Electric Motor B Speed	3881.5	rpm
Electric Motor A Speed	11865.0	rpm
Battery Feed Voltage 3 Sense	14.472	Volts
Battery Feed Voltage 1 Sense	14.760	Volts
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	128	AMP
Motor A - Inverter Current - phase C	-128	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Outside Air Temperature	62.6	°F
Motor B - Inverter Current - phase C	4	AMP
HV Battery Voltage from BPCM	308.20	Volts
PIM DC Link Voltage - B	306	Volts
PIM DC Link Voltage - A	314	Volts
Inverter A IGBT Temperature for phase A	88	°F
Inverter A IGBT Temperature for phase B	86	°F
Inverter A IGBT Temperature for phase C	86	°F
Inverter B IGBT Temperature for phase B	97	°F
Inverter B IGBT Temperature for phase A	97	°F
Motor B Torque	113.108	Ft-Lbs
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase C	100	°F
Motor A Torque	0.000	Ft-Lbs
GPS Date - Year	0	Year
HV Battery Sleep Time	2	Days
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms

HCP | P0A44-00 | PENDING | DRIVE MOTOR A POSITION SENSOR 1 CIRCUIT OVERSPEED-

NAME	VALUE	UNITS
DTC	0A 44 00	
Test Failed	False	
Pending DTC	True	
Confirmed DTC	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	

Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag		
PHEV Charging Status		
Brake Switch Status		
Ignition State		
PRND Position Display		
Propulsion System Active		
Motor A Resolver Offset Learn Erase		
Motor A Resolver Offset Learning Status Flag		
Motor B Resolver Offset Learning Status Flag		
Motor A Resolver to Digital Low Level Driver Faults		
Motor B Resolver to Digital Low Level Driver Faults		
Hybrid System State		
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
HV Contactor Status		
APM Status		
Impact Event		
HCP System Shutdown Command		
J1772 Prox Detected State		
OBCM Operating Mode		
Motor B Resolver Offset Learn Erase		
Most Recent Odometer Value		miles
Original Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Real time clock		sec
Accelerator Pedal Position		%
RAM Stamps		Min
RAM stamps keyOn		sec
Vehicle Speed		MPH
HV Battery SOC		%
Engine Speed		rpm
Motor A Temp Sensor		°F
Barometric Pressure		PSI
Motor B Temp Sensor		°F
Engine Coolant Temperature		°F
Motor A Resolver Angle Offset		Degree
Motor A Resolver Supply Voltage Value		Volts
Motor B Resolver Angle Offset		Degree
Internal EPS Voltage Sense A		Volts
Motor B Resolver Supply Voltage Value		Volts

Battery Feed Voltage 2 Sense		Volts
Internal EPS Voltage Sense B		Volts
Actual Torque - Motor B		Ft-Lbs
Actual Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Electric Motor A Speed		rpm
Electric Motor B Speed		rpm
Battery Feed Voltage 1 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase B		AMP
Outside Air Temperature		°F
HV Battery Voltage from BPCM		Volts
PIM DC Link Voltage - A		Volts
Inverter A IGBT Temperature for phase C		°F
PIM DC Link Voltage - B		Volts
Inverter A IGBT Temperature for phase A		°F
Inverter A IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase C		°F
Distance Travelled with Light ON		miles
Motor B Torque		Ft-Lbs
Motor A Torque		Ft-Lbs
HV Battery Sleep Time		Days
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
ECU Time - Milliseconds		ms
UTC Time - Minutes		
UTC Time - Seconds		seconds

HCP | POC19-00 | STORED | DRIVE MOTOR A TORQUE DELIVERED PERFORMANCE-

NAME	VALUE	UNITS
------	-------	-------

DTC	OC 19 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Pending DTC	True	
Confirmed DTC	True	
Occurrence flag	Occurrence	
Test Not Completed This Operation Cycle	False	
PHEV Charging Status	No Charging	
Propulsion System Active	False	
Ignition State	Reserved	
Brake Switch Status	Not Applied	
PRND Position Display	N	
Motor A Phase U Cross Conduction Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-Side	False	
Motor A Phase U Short Fault - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator 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 Thermal Shutdown Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - Low-Side	False	
Motor A Phase U Over Current Fault - Low-Side	False	
Motor A Phase U Thermal Warning Fault - Low-Side	False	
Motor A Phase U Thermal Shutdown Fault - Low-Side	False	
Motor A Phase U Short 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 Short Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - High-Side	False	
Motor A Phase V Over Current Fault - High-Side	False	
Motor A Phase V Thermal Warning Fault - High-Side	False	
Motor A Phase V Thermal Shutdown Fault - High-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase V SPI Error Fault - High-Side	False	
Motor A Phase V Hardware Error Fault - High-Side	False	
Motor A Phase V Short Fault - Low-Side	False	
Motor A Phase V Cross Conduction Fault - Low-Side	False	
Motor A Phase V Over Current Fault - Low-Side	False	
Motor A Phase V Thermal Warning Fault - Low-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 Hardware Error Fault - Low-Side	False	
Motor A Phase W Thermal Warning 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 Short Fault - Low-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 Hardware Error Fault - High-Side	False	
Motor A Phase W Over Current Fault - High-Side	False	
Motor A Phase W Thermal Warning Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown Fault - Low-Side	False	
Motor A Phase W Over Current Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - Low-Side	False	
Motor A Phase W SPI Error Fault - Low-Side	False	
Motor A Phase W Hardware Error Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Hybrid System State	Reserved	
Inverter B Status Feedback	Normal On	
HV Contactor Status	Closed	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
APM Status	Off	
HCP System Shutdown Command	Default	
Impact Event	False	
J1772 Prox Detected State	Prox Out	
Commanded Inverter A State	Torque Control	
OBCM Operating Mode	UTC	
Inverter Status Feedback	Inverter Faulted	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Motor A Phase U Under Voltage Fault VH - 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 Over Voltage Fault VH - Low-Side	False	
Motor A Phase U Under Voltage Fault VH - Low-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
Motor A Phase U Over Voltage Fault VL - Low-Side	False	
Motor A Phase U Under Voltage Fault VDD - Low-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Under Voltage Fault VH - High-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 Under Voltage Fault VL - Low-Side	False	
Motor A Phase U Over Voltage Fault VDD - Low-Side	False	
Motor A Phase V Under Voltage Fault VDD - High-Side	False	
Motor A Phase V Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Under Voltage Fault VH - Low-Side	False	
Motor A Phase V Under Voltage Fault VL - High-Side	False	
Motor A Phase V Over Voltage Fault VDD - High-SideSide	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase V Under Voltage Fault VDD - Low-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - High-Side	False	
Motor A Phase W Over Voltage Fault VDD - High-Side	False	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-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 - High-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Inverter A Status Feedback	Inverter Faulted	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Frequency Counter	1	
Ignition Cycle Counter	0	
Original Odometer Value	1516.3	miles
RAM stamps keyOn	210	sec
Real time clock	11443296	sec
Most Recent Odometer Value	1516.3	miles
HV Battery SOC	24	%
Barometric Pressure	14	PSI
RAM Stamps	418	Min
Accelerator Pedal Position	0	%
Vehicle Speed	35.2531	MPH
Available Motor Torque - Motor A	4.148	Ft-Lbs
Electric Motor A Speed	11781.5	rpm

Engine Coolant Temperature	126	°F
Actual Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase C	88	AMP
Inverter A Input DC Current	0.0	AMP
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor A - Inverter Current - phase B	52	AMP
Motor A - Inverter Current - phase A	-148	AMP
Battery Feed Voltage 2 Sense	14.760	Volts
Engine Speed	4118	rpm
Internal EPS Voltage Sense B	8.064	Volts
Internal EPS Voltage Sense A	8.208	Volts
Battery Feed Voltage 3 Sense	14.472	Volts
Outside Air Temperature	62.6	°F
PIM DC Link Voltage - A	311	Volts
High Temp Aux Pump - Actual Speed	3192	rpm
PIM DC Link Voltage - B	305	Volts
Passive Pump Coolant Temp In Sensor	73	°F
Low Temp Active Pump Speed	0	rpm
Battery Feed Voltage 1 Sense	14.760	Volts
Commanded Torque - Motor A	-3.042	Ft-Lbs
Available Motor Torque - Motor B	186.394	Ft-Lbs
Actual Torque - Motor B	147.585	Ft-Lbs
Motor B Temp Sensor	99	°F
Commanded Torque - Motor B	-0.645	Ft-Lbs
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Available Regen Torque - Motor A	-26.549	Ft-Lbs
Available Regen Torque - Motor B	-186.394	Ft-Lbs
Inverter A IGBT Temperature for phase B	86	°F
HV Battery Voltage from BPCM	309.70	Volts
Motor B - Inverter Current - phase A	0	AMP
Motor B Resolver Angle	170	Degree
Inverter A IGBT Temperature for phase A	88	°F
Inverter B IGBT Temperature for phase B	97	°F
Electric Motor B Speed	3868.5	rpm
Inverter B IGBT Temperature for phase C	100	°F
Motor B Torque	147.585	Ft-Lbs
HV Battery Sleep Time	2	Days
Inverter A IGBT Temperature for phase C	86	°F
Inverter B IGBT Temperature for phase A	97	°F
Distance Travelled with Light ON	0	miles
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Seconds	0	seconds

UTC Time - Hours	0	Hours
GPS Date - Year	0	Year
Motor A Torque	0.000	Ft-Lbs
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms

SNAPSHOT DATA SUMMARY







DC DealerCONNECT

Alex Abraham (83951aa)

CHAPMAN DODGE CHRYSLER JEEP
1800 N. 89th St
Scottsdale, AZ 852515981

Dealer: 44503

HOME

SALES

SERVICE CONTRACTS

SERVICE

PARTS

CUSTOMER EXPERIENCE

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Search here...

DealerCONNECT > Parts > Returns > Return Material Utility

Tickets

Part Disposition

Required Parts

FastTrack

Shipping

Print

Re-Print

Tracking

Part Request

Part Request List

User Profile

Export

Request successfully submitted to coordinator.

Requestor Information

Request Number: [REDACTED]

Date: 03/30/2020

TI: [REDACTED]

Name: Alex Abraham

Phone: 1-833-873-7512

Extension: 3040043

Email Address: alex.abraham@external.fcagroup.com

Status: STC

Shipping Information

Ship To: [REDACTED] CENTER

Attention: Warranty Part Return Group

Address: [REDACTED]

City, State, Zip: [REDACTED]

Country: [REDACTED]

Final Contact Name: [REDACTED]

Contact Phone: [REDACTED]

Parts Information

VIN: 2C4RC1N7 [REDACTED]

Claim: [REDACTED]

SET: No

Odometer: 1478

Part Number: 05062423DD

Part Description: Transmission

Dealer Code: 44503 CHAPMAN DODGE CHRYSLER JEEP

Special Instructions or Comments

Request: Juan Silva juan.rsilva@fcagroup.com

Reason: [REDACTED]

Tracking Number: [REDACTED]

Reject Reason: [REDACTED]

Comments: Juan Silva requested the return of the original transmission.

200 Characters left

Save as draft

Submit request

Close

Clone

Delete

Reprints

Print Part Request

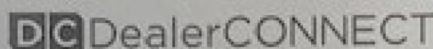
Instructions





Sales

Chrysler Capital MarketCenter Support



Daniel Thompson (s39648p)

 CHAPMAN DODGE CHRYSLER JEE
 3800 N. 89th St
 Scottsdale, AZ 852515081

HOME	SALES	SERVICE CONTRACTS	SERVICE	PARTS	CUSTOMER EXPERIENCE	NETWORK	TRAINING	COMAR
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DealerCONNECT > Parts > Parts / Order Inquiries > Part Status

[Part Inquiry](#) | [Part Status](#) | [Order Status](#) | [Backorder](#) | [Cancellation Tracking](#) | [Promotion](#) | [Status Code Reference](#)
[Part Summary](#) | [Part Detail](#) | [Part History](#) | [Shipper Inquiry](#) | [Part Status Tracking](#)
[What's New](#)Order Number:* Part Number:* [Search](#) [Clear](#)

* - Required Field

Part Ordered: 68359946AD**Part Attributes**Part Description: PKG
PART

Ruling:

Part Return

Eligibility:

MSQ:

1

Order Information
 Order Type: Special
 Order Status Description: CLOSED
 Order Master Control Number: 80960785
 Line Number: 1
 Order Quantity: 1
 Order Date: Mar 31, 2020
 Source: Ordered by Mopar
Pricing Information
 Dealer Net: 4,250.00
 Dealer Discount: 340.00
 Price After Discount: 3,910.00
 Tariff:
Additional Information

VIN:

Part Comments:

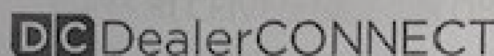
Mar 31, 2020; Part: 68359946AD; THIS PART HAS AN ASSOCIATED DEPOSIT CHARGE OF \$ 5000.00

Delivered - 68359946AD

Quantity: 1	Shipper Number: 3749635	Delivered Date: Apr 01, 2020
Date:	Servicing POC: 03178-LOS ANGELES	Description: DLVD-DLR-DDS
Invoice Number: W-00224328	Carrier: EXPERT DELIVERY SERVICE	Arrival Date:
Invoice Date: Apr 01, 2020	Trailer/BOL:	DPP Charges: 0.0
Dealer Net: 4,250.00	Tracking Number:	Mode Code:
Discount(%): 8		
Price After Discount: 3,910.00		

Sales

Chrysler Capital MarketCenter Support



Daniel Thompson (s39648p)

CHAPMAN DODGE CHRYSLER JEE

3800 N. 89th St

Scottsdale, AZ, 852515081

HOME	SALES	SERVICE CONTRACTS	SERVICE	PARTS	CUSTOMER EXPERIENCE	NETWORK	TRAINING	DCMAIL
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DealerCONNECT > Parts > Parts / Order Inquiries > Part Status

Part Inquiry | Part Status | Order Status | Backorder | Cancellation Tracking |
Promotion | Status Code Reference

Part Summary | Part Detail | Part History | Shipper Inquiry | Part Status Tracking |

[What's New](#)

Order Number:* 2250**

Part Number:* 68490840AA

Search Clear

* - Required Field

Part Ordered: 68490840AA

Part Attributes	Order Information	Pricing Information
Part Description: .8MM PART	Order Type: Special	Dealer Net: 4,485.00
Ruling:	Order Status Description: CLOSED	Dealer Discount: 358.80
Part Return Eligibility:	Order Master Control Number: 80650732	Price After Discount: 4,126.20
MSQ: 1	Line Number: 1	Tariff:
	Order Quantity: 1	
	Order Date: Mar 30, 2020	
	Source: Ordered by Mopar	

Additional Information

VIN:

Part Comments:

Mar 30, 2020; Part: 68490840AA; THIS PART HAS AN ASSOCIATED DEPOSIT CHARGE OF \$ 3000.00

Mar 30, 2020; Part: 68490840AA; C2 135039

Mar 30, 2020; Part: 68490840AA; C2 3365

In Process

Quantity: 1	Shipper Number: 3674650	Current ETA: Apr 14, 2020
Date:	Servicing PDC: 03111-WARREN NPDC	Description: RECVD LA

SiEVT Diagnostics

2. Check resolver harness circuits for an open/high resistance (from PIM C1 to trans 26pin). What is the resistance on each circuit?

- Turn the ignition off.
- Disconnect the PIM C1 harness connector.
- To prevent terminal damage while testing the PIM C1 and C2 harness connectors use Adapter, GPEC Diagnostic 10436
- Disconnect the Transmission Assembly harness connector.
- Measure the resistance of the following circuits between the PIM C1 harness connector and the Transmission Assembly harness connector:
 - T372: Resolver A Sin Hi
 - T374: Resolver A Sin Lo
 - T371: Resolver A Cos Hi
 - T373: Resolver A Cos Lo
 - T370: Resolver A Excitation Hi
 - T375: Resolver A Excitation Lo

3. Check resolver harness circuits for short to ground (from the PIM C1 to ground, with trans connector still disconnected). What are the results?

1. Check for continuity between ground and the following circuits at the PIM C1 harness connector.
 - (T372) Resolver A Sin Hi
 - (T374) Resolver A Sin Lo
 - (T371) Resolver A Cos Hi
 - (T373) Resolver A Cos Lo
 - (T370) Resolver A Excitation Hi
 - (T375) Resolver A Excitation Lo

4. Check resolver harness circuits for short to another circuit

1. Check for continuity between each of the following circuit(s), and all other circuits at the PIM C1 harness connector.

- (T372) Resolver A Sin Hi
- (T374) Resolver A Sin Lo
- (T371) Resolver A Cos Hi
- (T373) Resolver A Cos Lo
- (T370) Resolver A Excitation Hi
- (T375) Resolver A Excitation Lo

5. Check the resolver resistances at the transmission

1. Perform resistance measurements between the circuits at the Transmission Assembly interface connector (Transmission side) and compare the readings to the values shown in the table.

- (T372) Resolver A Sin Hi - (T374) Resolver A Sin Lo:
- (T371) Resolver A Cos Hi - (T373) Resolver A Cos Lo:
- (T370) Resolver A Excitation Hi - (T375) Resolver A Excitation Lo:

6. Check the resolver for a short to ground at the transmission

1. Check for continuity between ground and each of the following Resolver circuits at the Transmission Assembly interface connector (Transmission side).
 - (T372) Resolver A Sin Hi
 - (T374) Resolver A Sin Lo
 - (T371) Resolver A Cos Hi
 - (T373) Resolver A Cos Lo
 - (T370) Resolver A Excitation Hi
 - (T375) Resolver A Excitation Lo

7. Check the resolver for short to another circuit at the transmission.

1. Check for continuity between each of the following circuit(s), and all other circuits at the at the Transmission Assembly interface connector (Transmission side).
 - (T372) Resolver A Sin Hi
 - (T374) Resolver A Sin Lo
 - (T371) Resolver A Cos Hi
 - (T373) Resolver A Cos Lo
 - (T370) Resolver A Excitation Hi
 - (T375) Resolver A Excitation Lo

Tech followed the diagnostic sheet for code p0a43, for step one it asked to clear the code and drive it to see if the code comes back. The code did come back.

Step 2. asked to check the resolver harness circuits for an open or high resistance.

T372 1.1 ohms

T374 1.4 ohms

T371 2.5 ohms

T373 1.5 ohms

T370 1.3 ohms

T375 1.5 ohms

Step 3. is asking to check the resolver harness for a short to ground and none of the resolver circuits had continuity to ground.

Step 4. asks to check the resolver harness for shorts to other circuits in the harness and none had continuity to any other circuits.

Step 5. is asking to check the resolver resistances.

T372 and T374 20 ohms.

T371 and T373 22 ohms

T370 and T375 9 ohms

Step 6. Is asking to check the resolver for a short to ground no continuity to ground was found on any of the resolver circuits at the resolver.

Step 7. Asks to check the resolver for a short to another circuit and again no continuity was found to any other circuits.

Step 8. Asks to verify my connections and I did that and found no issues. The result of the test is saying to replace the PIM.

Tech Tip Part Description: SI-eVT Transmission - Motor A gap, China Variant & 9 inertia ring bolts

Tech Tip Description: For SI-eVT Transmission ONLY: Replace the nine (9) flywheel to damper bolts () when replacing the SI-eVT per TechConnect procedure.

North America RU vehicles built prior to Nov 28, 2019 had a 05192374AB level cooler. RL369946AC SI-evT built after Jan 11 2019 and all 68359946AD have the 05192374AC level cooler requires new 68413378AA inlet hose and 68425381AA outlet hose.

China RU vehicles built prior to June 11, 2019 had a 05192374AB level cooler. All 68405320AC have the 05192374AC level cooler requires new 68413378AA inlet hose and 68425381AA outlet hose.

The service SI-eVT is shipped with a non-China wiring harness (68241331AC). China market replacement must replace wiring harness with 68368596AA. The China variant 68368596AA wiring harness has an interlock to the electrical charge door.

The change from Motor A gap m 0.6 mm to 0.8 mm gap requires a different software calibration.

In North America, read the SI-eVT model number on the transmission ID tag or imprinted on the case.

- all 05062423A*, B*, DB & DE have a 0.6 mm gap so use 68359946AD

- all 05062423C*, DC, DD, and DF and later) so use 68490840AA

In China, read the SI-eVT model number on the transmission ID tag or imprinted on the case.

- all 05062509A*, B* have a 0.6 mm gap so use 68405320AC

- all 05062509CA and later (0.8 mm gap) use 68490848AA
