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HCP

[Menu Icon]

Switch ECU [Dropdown Arrow]

Hybrid Control Processor

- Flash
- DTCs
- Data
- Misc Functions
- System Tests
- Actuators
- Details
- Configuration

Type: All [Dropdown Arrow] ● Record [Icon] Units: Imperial [Dropdown Arrow] | Filter [Icon] Graph [Icon] Data [Icon] Clear [Icon]

reso [X]

Ungrouped Data

10 [Dropdown Arrow]

NAME	VALUE	UNIT	TYPE	[Menu Icon]	[Graph Icon]	[Checkbox]
Motor A Resolver Offset Learn Erase	not requested		Sensors	[Menu Icon]	[Graph Icon]	[Checkbox]
Motor A Resolver Offset Learning Status Flag	Not Applied		Sensors	[Menu Icon]	[Graph Icon]	[Checkbox]
Motor B Resolver Offset Learn Erase	not requested		Sensors	[Menu Icon]	[Graph Icon]	[Checkbox]
Motor B Resolver Offset Learning Status Flag	Applied		Sensors	[Menu Icon]	[Graph Icon]	[Checkbox]
Motor A Resolver Angle	Invalid Value	Degree	Sensors	[Menu Icon]	[Graph Icon]	[Checkbox]
Motor B Resolver Angle	86	Degree	Sensors	[Menu Icon]	[Graph Icon]	[Checkbox]
Motor A Resolver Angle Offset	-0.40	Degree	Sensors	[Menu Icon]	[Graph Icon]	[Checkbox]
Motor B Resolver Angle Offset	3.20	Degree	Sensors	[Menu Icon]	[Graph Icon]	[Checkbox]
Motor A Resolver Supply Voltage Value	15.75	Volts	Sensors	[Menu Icon]	[Graph Icon]	[Checkbox]
Motor B Resolver Supply Voltage Value	15.75	Volts	Sensors	[Menu Icon]	[Graph Icon]	[Checkbox]



CONFIGURATION REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1N7 [REDACTED]

Odometer 18010.1 miles
Publication Date Feb 26, 2021, 8:47:18 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68416680AF	2C4RC1N	2C4RC1N7	68416680AF
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N	2C4RC1N7	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AC	2C4RC1N	2C4RC1N7	68383680AC
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N	2C4RC1N7	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1N	2C4RC1N7	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1N	2C4RC1N7	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1N	2C4RC1N7	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1N	2C4RC1N7	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1N	2C4RC1N7	68316558AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N	2C4RC1N7	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N	2C4RC1N7	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AC	2C4RC1N	2C4RC1N7	68369596AC
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AC	2C4RC1N	2C4RC1N7	68369596AC
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N	2C4RC1N7	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N	2C4RC1N7	68316094AF
AMP	Amplifier	CAN-I	68440634AB	2C4RC1N	2C4RC1N7	68440634AB
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1N	2C4RC1N7	68405292AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N	2C4RC1N7	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AC	2C4RC1N	2C4RC1N7	68360889AC
BCM	Body Controller	CAN-C	68402177AB	2C4RC1N	2C4RC1N7	68402177AB
ACC	Adaptive Cruise Control	CAN-C	04672758AB	2C4RC1N	2C4RC1N7	04672758AB

HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1N		2C4RC1N7	68421106AA
RADIO	Radio	CAN-I	68429204AC	2C4RC1		2C4RC1N7	68429204AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N		2C4RC1N7	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N		2C4RC1N7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N7	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N		2C4RC1N7	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N		2C4RC1N7	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N		2C4RC1N7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1N		2C4RC1N7	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190240AP	2C4RC1N		2C4RC1N7	05190240AP
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N		2C4RC1N7	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N		2C4RC1N7	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N		2C4RC1N7	68316174AB
VRM	Video Routing Module	CAN-I	68376134AE	2C4RC1N		2C4RC1N7	68376134AE
RCCC	Rear Cabin Comfort Controls	CAN-I	68405948AA	2C4RC1N		2C4RC1N7	68405948AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N		2C4RC1N7	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N		2C4RC1N7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AP	2C4RC1N		2C4RC1N7	05190241AP
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1N		2C4RC1N7	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68283578AD	2C4RC1N		2C4RC1N7	68283578AD
SGW	Security Gateway Module	CAN-C	68420261AA			2C4RC1N7	68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	D36F6D84
ICS	USA	0F 0C 00	11 16 00	4700	
RFH	USA / USA	10 17 00	12 18 00	4A00	
ESM	USA / USA	0F 24 00	12 02 FF	4402	
ORC	USA / USA	11 1F 00	11 27 00	4301	
EPS	USA / USA	12 02 03	11 15 01	4502	
HVAC	USA	0E 09 00	11 29 01	4401	

DDM	USA / USA	11 30 00	17 42 00	4102	
PDM	USA	11 30 00	17 42 00	4102	
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	13 1E 11	4001	
PSDMR	USA / USA	10 17 00	13 1E 11	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
AMP	USA	0F 05 01	12 2D 01	4021	
IPC	USA / USA	12 0A 00	12 10 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	12 0B 90	4415	
ACC	USA / USA	13 05 00	11 0D 00	4201	
HSM	USA / USA	15 12 00	12 05 01	4003	
RADIO	USA	13 1A 1E	13 1A 1E	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		0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1D 07	14 08 01	4005	E1481262 302EEFA0 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	11 32 13	4001	
RCCC	USA	0F 1D 00	11 25 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	14 08 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 13 17	4201	D6E2728F
SGW		5	564	4103	

CONFIGURATION

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	
Heater Temp Control Valve Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Wastegate HBridge Equipped	False	
High Side Port Tumble Valve Equipped	False	
Mechanical Coolant Pump Equipped	False	
Remote Start Present	Present	
Throttle Inlet Temp Sensor Equipped	False	
Power Steering Angle Sensor Mandatory	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
INTAKE O2 SENSOR EQUIPPED	False	
Make Up Air Sensor Equipped	False	
Cylinder Pressure Sensor Equipped	False	
Bi-Directional Crank Sensor Equipped	True	
5 Button Cruise (LIN) Equipped	True	
Mass Airflow System Equipped	False	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Clutch Sensor Equipped	False	
Operator Idle Speed Request Equipped	False	
Brake Pedal Sensor Equipped	False	
CUSW 4-Button Cruise Equipped	False	
Electronic Throttle Control Equipped	True	
Powernet Equipped	True	
1.8 Liter W14 engine	False	
Turbocharger Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
GPEC2 Equipped	False	
40TE / 41TE / 41TEA	False	
Electric Water Pump Equipped	False	
Fan Wake Up Relay System Equipped	False	
Turbine Volute Valve Actuator Equipped	Undefined	
Vehicle Speed Sensor #1 Calculated by ECU	False	
ERS Equipped Indicator	False	
Constant Heater Temperature Control Valve Equipped	False	
VFS Actuators Available Indicator	False	
ESIM Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
Dual Speed Fuel Pump Equipped	False	
VMM Equipped	False	
3.6 Liter V6 Engine	True	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
2.7 Liter V6 Engine	False	
Throttle Inlet Temp Sensor Equipped	False	

EMAT (Getrag DCT transmission) Equipped	False	
WI4 Intake Flow Control Valve Equipped	False	
Engine Stop Start Equipped	False	
3.2 Liter V6 Engine	False	
A/C Equipped	False	
Cooled EGR Equipped	False	
42RLE	False	
Active Grille Shutter Equipped	False	
3.0 Liter V6 Engine	False	
Vehicle Speed Sensor #1 Calculated from CAN	False	
GPEC4 Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
2 Liter Continuous Variable Transmission Equipped	False	
Supercharger Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
Yaw Rate Sensor ESC Equipped	False	
Inrush Current Reduction Relay Equipped	False	
2.0 Liter WI4 engine	False	
3.5 Liter V6 Engine	False	
HPT 6-Speed Transmission Equipped	False	
1.0 Liter I3 Engine	False	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Low Temperature Radiator Coolant Pump Equipped	False	
6.4 Liter V8 Engine	False	
Dual Fuel Tank Equipped	False	
4 Button Integrated Cruise Control	False	
Wide Range O2 Sensor 2/1 Equipped	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
Oil Pressure Sensor Enabled	True	
MDS Equipped	False	
6.2 Liter V8 Engine	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
Intake Cam 2 Equipped	True	
High Side Port Tumble Valve Equipped	Undefined	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
4.7 Liter V8 Engine	False	
Knock Sensor 2 Equipped	True	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
Secondary Air Equipped	False	
Operator Idle Speed Request Equipped	False	
Barometric Sensor Equipped	False	
Transmission Oil Heater Equipped	False	
Unleaded diesel fuel	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	

Sensorless FFV Enabled	False	
TOOL_CONFIG_ACTIVE_AIR_DAM_EQUIPPED	False	
CUSW (29-Bit) Equipped	False	
Trans Skip Shift Equipped	False	
CUSW PROXI Write Programming Support Enabled	False	
Police Package Equipped	False	
PWM Fan Motor System Equipped	True	
6.1 Liter V8 Engine	False	
VLP Equipped Indicator	False	
Coolant On-Off Pump Equipped	False	
CMCV H-Bridge Equipped	Undefined	
Coolant On-Off Valve Equipped	False	
Active Exhaust Valve Equipped	False	
AC Equipped Over Bus	False	
Hybrid Electric Vehicle Equipped	True	
ICC Cruise Equipped	False	
4 Speed Automatic Transmission Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	False	
Secondary Fuel Pump Equipped	False	
Rear Heater Equipped	False	
Variable Displacement AC Equipped	False	
Linear EGR Equipped	False	
Compressed Natural Gas Equipped	False	
Auxiliary Coolant Pump Equipped	False	
Fixed displacement AC Equipped	True	
Viscosity Sensor Equipped	False	
Mechanical Coolant Pump Heater Equipped	False	
Dual Stage Oil Pump Equipped	True	
TIP Equipped	False	
66RFE / 68RFE	False	
Linear Purge Equipped	False	
Wastegate H-Bridge Equipped	Undefined	
SRV Equipped	False	
CUSW (11-Bit) Equipped	False	
Electronic Coolant Pump Equipped	False	
4.0 Liter I6 Engine	False	
Cummins Equipped	False	
Exhaust Cam 2 Equipped	True	
Intake Cam 1 Equipped	True	
Tumble Generator Valve Equipped	False	
Adaptive Cruise Control Hardware Equipped	False	
Unleaded Gasoline Fuel	True	
1 Speed Fan Mechanical Relay System Equipped	False	
Transmission Software Included	False	

2 Speed Fan PWM Relay System Equipped	False	
3 Speed Fan Mechanical Relay System Equipped	False	
MTV Solenoid Equipped	False	
Port Flap Valve Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
5.7 Liter V8 Engine	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
ZF 9-Speed Transmission Equipped	False	
3.7 Liter V6 Engine	False	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
Battery Temp Sensor Equipped	False	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
Knock Sensor 1 Equipped	True	
Fiat VIN Learning Strategy Equipped	False	
Power Steering Switch Equipped	False	
Clutch Interlock Switch Equipped	False	
ETC Cruise equipped	False	
Direct Injection Equipped	False	
2 Speed Fan Mechanical Relay System Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Fiat 940 Compact Equipped	False	
3.3 Liter V6 Engine	False	
Brake Pedal Sensor Equipped	False	
2.4 Liter WI4 engine	False	
Exhaust Cam 1 Equipped	True	
3.8 Liter V6 Engine	False	
Shift Indicator Lamp Equipped	False	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
Linear PWM Fan Relay System Equipped	False	
Starter Relay 2 Equipped	False	
Auxiliary Heater Electric Water Pump Equipped	False	
AC Equipped	False	
62TE	False	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
VLP Is Learnable Indicator	False	
WI4 Variable Valve Timing Equipped	True	
MultiAir Equipped	False	
Electronic Vacuum Pump Equipped	False	
Continuous Variable Transmission Equipped	False	
Primary Lin Alternator Equipped	False	
PTO System Equipped	False	
Trans Reverse Lockout Equipped	False	
Engine Oil Heater Cooler Equipped	True	
GPEC2A Equipped	True	

Engine Software In Package	True	
Duty Cycle Purge Valve Equipped	True	
Variable Speed Fuel Pump Equipped	True	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
Electric Coolant Valve Equipped	False	
Next Gen Bus Equipped	False	
45RFE / 545RFE / 65RFE	False	
Adaptive Cruise Control Equipped	True	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
GPEC3 Equipped	False	
Engine Idle Shutoff Equipped	False	
Electric Thermostat Heater Equipped	False	
Active Engine Mount Equipped	False	
Primary Lin Alternator Equipped	Not Equipped	
Variable Valve Lift Equipped	Not Equipped	
1.0 Liter I3 Engine	False	
Coolant On-Off Pump Equipped	Not Equipped	
2.0 Liter I4 Direct Injection Engine	False	
Dual Alternator Gen1 Capable	False	
Auxillary Coolant Pump Equipped	False	
HPT 6-Speed Trans Equipped	False	
Engine Idle Shutoff Equipped	False	
ZF 9-Speed Trans Equipped	False	
Cooled EGR Equipped	False	
Supercharger Equipped	False	
Low Temp Radiator Coolant Pump Equipped	False	
Hybrid MEC Shifter Equipped	False	
Dual Fuel Tank Equipped	False	
CNG Large Gas Tank Equipped	False	
PTO System Equipped	False	
A/C Relay Powered from Engine Switched Battery	False	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

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

RFH CONFIGURATION

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

Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Valid Key In Ignition	Yes	
Fob Location #3 Successfully Programmed	Yes	
Fob Location #5 Key sense status	Fob is NOT Key Sense	
Secret Key Sent to Body Controller - Original attempt	Yes	
Fob Location #7 Key sense status	Fob is NOT Key Sense	
Fob Location #3 Key sense status	Fob is Key Sense	
Fob Location #7 Successfully Programmed	No	
Fob Location #6 Successfully Programmed	No	
Fob Location #5 Successfully Programmed	No	
Fob Location #8 Key sense status	Fob is NOT Key Sense	
PIN Successfully Programmed	Yes	
RFHub Locked	RFHUB Locked after IAC write	
Fob Location #1 Key sense status	Fob is NOT Key Sense	
Fob Location #4 Key sense status	Fob is NOT Key Sense	
Fob Location #6 Key sense status	Fob is NOT Key Sense	
Fob Location #1 Successfully Programmed	Yes	
Secret Key Sent to Body Controller - Most recent attempt	Yes	
Fob Location #2 Successfully Programmed	Yes	
Fob Location #4 Successfully Programmed	No	
Fob Location #2 Key sense status	Fob is NOT Key Sense	
VIN Successfully Programmed	Yes	
Fob Location #8 Successfully Programmed	No	
Base TPM	False	
Auto Park Present	True	
e-shifter present	True	
Secret Codes Programmed	True	
KeySense Configuration	True	
Ignition system type connected	KIN system	
RKE	True	
Remote Start Present	True	
\$0214 Programmed by	Programmed by Supplier EOL	
TPM Auto-Locate Enabled	True	
Keyless Go	True	
Passive Entry	True	
Hybrid Type	PHEV	
Module Configuration Status	True	
Premium TPM	True	
Back Up ECU Configuration 16	True	
Back Up ECU Configuration 14	True	
Back Up ECU Configuration 7	True	
Back Up Vehicle Config 1	True	

Back Up ECU Configuration 10	True	
Back Up ECU Configuration 11	True	
Back Up Vehicle Config 4	True	
Back Up Vehicle Config 3	True	
Back Up Customer Settings Menu 1 (CSM1)	True	
Back Up ECU Configuration 2	True	
Back Up ECU Configuration 1	True	
Back Up ECU Configuration 9	True	
Back Up Programmed ECUs: Cabin Network	True	
Back Up Vehicle Config 5	True	
Back Up ECU Configuration 3	True	
Back Up Customer Settings Menu 2 (CSM2)	True	
Back Up Vehicle Config 6	True	
Back Up ECU Configuration 12	True	
Back Up Programmed ECUs: P/T Chassis Network	True	
Back Up ECU Configuration 4	True	
Back Up ECU Configuration 17	True	
Back Up ECU Configuration 8	True	
Back Up ECU Configuration 13	True	
Back Up Vehicle Config 7	True	
Back Up ECU Configuration 5	True	
Back Up Vehicle Config 2	True	
Back Up ECU Configuration 15	True	
Back Up ECU Configuration 6	True	

ORC CONFIGURATION

NAME	VALUE	UNITS
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
Dual Zone MTC Control (BB)	False	
MTC With EBL (3Knob)	False	
MTC heater only (3Knob)	False	

Single Zone MTC Control (BB)	False	
MTC Without EBL (3Knob)	False	
DualZone ATC Control (Factory) (BB)	False	
DualZone ATC Control (BB)	False	
HVAC Configuration	Dual Zone ATC + Rear	

DDM CONFIGURATION

NAME	VALUE	UNITS
Global Down	False	
Memory Feature	True	
EC Mirrors	True	
Heated Mirror	True	
Global Up	False	
Power Folding Mirror	True	
Window Motor Hall Sensors	False	
Mirror Puddle Lamps	False	
Sun Shade	False	
Ambient Temperature Sensor	False	
Door Handle LED (Ambient Lights)	True	
Blindspot Mirror	True	
Mirror approach lights	True	
Door Courtesy Lamp	False	
Mirror Signal Lamp	True	
Map Pocket LED (Ambient Lights)	False	
Window express feature	True	
Tow Mirrors	False	

PDM CONFIGURATION

NAME	VALUE	UNITS
Sun Shade	False	
Door Courtesy Lamp	False	
Door Handle LED (Ambient Lights)	True	
Frameless Window	False	
Window express feature	True	
Global Down	False	
EC Mirrors	False	
Puddle lamps	False	
Ambient Temperature Sensor	False	
Power Folding Mirror	True	
Global Up	False	
Window Motor Hall Sensors	False	
Tow Mirrors	False	
Mirror Signal Lamp	True	
Heated Mirror	True	

Memory Feature	True	
Map Pocket LED (Ambient Lights)	False	
Blindspot Mirror	True	

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	

AMP CONFIGURATION

NAME	VALUE	UNITS
Left/Right Hand Drive	Left Hand Drive	
Current ANC Calibration ID - Service	RU PHEV 3.6L: Tripane Sunroof & Harman AMP	
Current EQ Checksum	F2 05 09 57	
Premium - 3	True	
Premuim - 1 (8 channel)	False	
Premuim - 2 (12 Channel)	False	
Non -ANC	False	
ANC Status	Off - Window Mute	
Surround Sound Activated	Not Set	
Teen Key Present	False	
Sub-EQ Set Selected	Sub-EQ#2 Selected	
Cabin Equalization Curve Number	53	
Door Module - Right Rear	Present	
Door Module - Left Front	Present	
Door Module - Left Rear	Present	
Door Module - Right Front	Present	
ANC Calibration Date - Year	18	
ANC Calibration Date - Week	45	
ANC Calibration Date - Patch Level	1	

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	
Vehicle Configuration 3 - Write Counter	3	
ECU Configuration 11	3	
ECU Configuration 6 (Suspension)	3	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	3	
Vehicle Config CSM1	3	
ECU Configuration 10	3	
Vehicle Configuration 2 - Write Counter	3	
ECU Configuration 9 (ITM)	3	
ECU Configuration 6 (Brake)	3	
Vehicle Configuration 6 - Write Counter	3	
ECU Configuration 5 (Wireless)	3	
Vehicle Configuration 5 - Write Counter	3	
Vehicle Configuration Auto Write Counter	1	
ECU Configuration 9A	3	
ECU Configuration 5 (Doors)	3	
ECU Configuration 14	3	
Programmed ECUs: Hybrid LAN Network	0	
ECU Configuration 5 (Memory)	3	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	3	
Programmed Network Configuration - Audio / Telematics Network	0	
Vehicle Config CSM2	3	
Programmed ECUs: P/T Chassis Network	3	
Last Configuration Odometer	0	miles
Vehicle Configuration 1 - Write Counter	3	
Vehicle Configuration 4 - Write Counter	3	
ECU Configuration 13	3	

ECU Configuration 8 (LIN and Miscellaneous)	3	
ECU Configuration 12	3	
ECU Configuration 15 (Suspension)	3	
ECU Configuration 15 (CBC Features)	3	
ECU Configuration 6 (Powertrain)	3	
Programmed ECUs: Cabin Network	3	
ECU Configuration 2 (CBC Features)	3	
ECU Configuration 6 (Safety)	3	
Vehicle Configuration 7 - Write Counter	3	
ECU Configuration 3	3	
ECU Configuration 4	3	
Emode Present	Not Set	
Auto Highbeam	Set	
Left/Right Hand Drive	Left Hand Drive	
Maximum Vehicle Speed	0	MPH
Body Style	Station Wagon	
Country Code	USA	
Model Year	2019	
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Remote Start Present	Set	
Vehicle Line	RU	
Hill Descent Feature Present	Not Set	
Drive Configuration	2WD Front	
Performance Pages Present	Not Present	
Special Packages	74	
PTS Configuration	Semi Automatic / Semi Automatic	
Select Speed Control Feature Present	Not Set	
SKIM System Present	Not Set	
Max Load Inflation Pressure Front Tire	36.0	PSI
Cruise Feature is Present	Not Set	
Flipper Glass Present	Not Set	
Rain Sensor Present	Set	
Off Road Capable	Not Set	
Air Conditioning Present	Not Set	
Power Inverter Type	No Power Inverter	
Full Size Spare	Not Set	
Thatcham Present	Not Set	
Max Load Inflation Pressure Rear Tire	36.0	PSI
Special Packages IC	No Package / NONE	
Forward Collision Warning present	Set	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Fuel Capacity	17	gallons
ESCL system present	Not Set	
Two Fuel Sending Units Present	Not Set	

Vehicle is an SRT	Not Set	
T-Case Type	Not Present / Not Present	
High Intensity Discharge Head Lamps	Not Set	
Wheel Base	Wheel base not programmed / WB_NP	
Auto Headlamp Feature Present	Set	
Secondary Lock Present	Not Set	
Chassis Type	Type 9	
Auto Park Present	Set	
Power Left Sliding Door Present	Set	
Door Alert Feature Present	Not Set	
Display Compass Heading Present	Set	
HVAC Configuration	Dual Zone ATC + Rear	
FOBIK Safe Enable	Set	
RKE System Present	Set	
Display Outside Temperature Present	Set	
Disable Display of Radio Clock	Not Set	
Premium TPM system present	Set	
Collision Mitigation System present	Set	
Vehicle Brand	Chrysler	
Police Lighting Feature	Not Set	
Sport Mode Present	Not Set	
Liftgate/Trunk Type	Power Liftgate	
Paddle Shift Feature Present	Not Set	
Window Express Feature Configuration	Front windows express only	
Passive Entry Present	Set	
ELV Present	Not Set	
Keyless Go Present	Set	
Power Right Sliding Door Present	Set	
Base TPM system present	Not Set	
Transfer Case High Ratio	1.000	No Unit
Axle Ratio	3.251	
Transfer Case Low Range Reduction Ratio	0.000	
Dynamic Tire Circumference (All or Rear)	89	inch
Air Quality System Present	Not Set	
Steering Ratio at Negative Angle 1	0.0	No Unit
Analog Door Sensor Configuration	Driver Door Only Analog Sensor	
Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector E Pin 5: PHEV Fuel Door Switch Input	Set	
Connector G Pin 15: UGDO Feed Output Present	Set	
Connector D Pin 9: Trailer Tow Backup Output Present	Not Set	
Connector A Pin 3/Connector D Pin 2: Low Beam Output Present	Set	
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present	Not Set	

Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Set	
Connector F Pin 35: Inverter Enable Relay Output Present	Set	
Connector F Pin 4: Liftgate Release Present	Not Set	
Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector E Pin 8: PHEV HCP Hardwire Wakeup	Set	
Connector F Pin 29: Horn Switch Present	Set	
Connector A Pin 1 and Connector D Pin 13: Front Fog Lamps Output Present	Set	
Connector F Pin 8 : Liftgate Release Outside Handle Switch Present	Not Set	
Connector D Pin 15: Left Dedicated DRL Lamps Output Present	Set	
Connector A Pin 10/Connector D Pin 5: Side Markers Output Present	Set	
Connector E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector A Pin 22: Right Dedicated DRL Lamp Output Present	Set	
Connector D Pin 10: Trailer Tow Tail Lamp Output Present	Not Set	
Connector D Pin 12: PHEV ECM Hardwire Wake Up Output Present	Set	
Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present	Set	
Connector E Pin 7: Left HID Relay Control Output Present	Not Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Connector G Pin 22: VTA Warning LED Output Present	Set	
Connector F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	
Connector E Pin 11: Vacuum Switch Input	Not Set	
Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output Present	Set	
Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	
Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output	Not Set	
Connector A Pin 11: Hood Ajar Switch Input 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	
Connectro E Pin 37: Right HID Control Output Present	Not Set	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Not Set	
Park Lamp Loadshed Enable	Set	
Tip Start Enabled	Set	
LED Front Park/Marker Lamps Present	Set	
Bi Xenon Headlamps Enable	Not Set	
Rear Wiper Park Enable	Set	
LED Low Beam Lamps Present	Not Set	
LED Front Fog Lamps Present	Not Set	
Dual Start Relay System Present	Not Set	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
Fuel Door Release Enabled	Not Present	
DRL Lamp Location	Dedicated	

DRL Configuration	No DRL	
LED Rear Turn Lamps Present	Not Set	
Horn Chirp Allowed	Set	
Quad Headlamps Enable	Set	
Exterior Light Loadshed Enable	Set	
Headlamp Wash Interval	wash cycle#11	
DRL Dropout Enable	Set	
Headlamp Wash Shot	double	
LED Stop Lamps Present	Not Set	
One Touch Lane Change	Set	
LED Reverse Lamps Present	Not Set	
Wiper Service Position Enabled	Not Set	
Hazard Lamp Configuration	Latching Switch	
LED Tail Lamps Present	Set	
Reversible Washer Pump Enable	Set	
Front Fog Lamp Dropout Enable	Set	
Front Wiper Wipes After Wash	2 Wipes	
LED CHMSL Lamp Present	Set	
Combined Front Park/Turn Feature Enable	Not Set	
Side Repeaters Enable	Not Set	
LED Rear Fog Lamps Present	Not Set	
Combined Rear Lighting Enable	Set	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
Trailer Tow Present	Not Set	
LED Dedicated DRL Present	Set	
LED License Lamps Present	Set	
Tunnel Detection	Not Set	
Front Wiper Park Enable	Set	
LED High Beam Lamps Present	Not Set	
Fuel Door Present	Not Set	
Illuminated approach Enabled	Not Set	
LED Front Turn Lamps Present	Not Set	
Rear Camera Present	Not Set	
Antenna Type	Active Primary and no secondary antenna	
Microphone Type	Peiker 300 mv	
Surround Sound Feature Present	Set	
Power Inverter Present	Not Set	
Power Door Locks Present	Set	
Front Park Assist Present	Set	
Front Heated Seats Present	Set	
Microphone Configuration	2 Microphones	
Cabin Equilization Curve Number	RU Premium System - Harman 12ch	
Microphone Tuning Parameter	Absent [Not Used]	
Splashscreen Type	Vehicle Brand	

Heated Steering Wheel Present	Set	
Disable CD Eject	Not Set	
External Port Type	AUX + USB	
Destination	United States of America	
Fleet Vehicle Content	Not Set	
AP2 Right Front	Smart Switch	
Tip Start Present	Set	
AP5 Trunk Lock	Simple Switch	
Airport Scenario Trunk	Not Set	
AP3 Left Rear	CAN	
AP1 Left Front	Smart Switch	
AP5 Trunk Unlock	CAN	
AP4 Right Rear	CAN	
Vehicle Variant	Undefined	
Folding mirrors present	Set	
Window Hall Sensors Present	Not Set	
Driver Memory Mirrors Present	Set	
Electro-chromatic passenger mirror present	Not Set	
Tow Mirror Present	Not Set	
Puddle Lamp Present	Not Set	
Rear Door Pre Short Drop	Not Set	
Mirror turn signals present	Set	
Sun Shade	Not Set	
Blindspot Mirror Present	Set	
Heated Mirrors Present	Set	
Frameless Window Present	Not Set	
Electro-chromatic driver mirror present	Set	
Window Motor Type	Not Set	
Passenger Window Lockout	Not Set	
Global Down	Not Set	
Passenger Memory Mirror Present	Set	
Global Up	Not Set	
Heated Wheel Material Type	Full Leather	
Rear Heated Seats Present	Not Present	
Heated Seat Material Type	Base Leather	
Front Vented Seats Present	Present	
Tilt/Telescope Steering Present	Not Set	
Memory Adjustable Pedals Present	Not Set	
Driver Memory Seat Present	Set	
Stow 'n Assist Present - Driver	Set	
Stow 'n Assist Present - Passenger	Set	
Heated Steering Wheel Present	Present	
Brake System ECU Configuration A	value 0	

ECO Mode Configuration	Remember Previous State with Ignition Key Cycle	
Dual Alternator Present	Not Set	
Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28	Set	
Manual Door Locks Present	Not Set	
Connector F Pin 37: Vacuum Cleaner Power Saver Indicator	Not Present	
Connector D Pin 4: Digital Spare Input #1	Not Present	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Rear Wiper (0)	
CHMSL Lamp Output Disable	Not Set	
Connector G Pin 2: Fog Lamp Switch Input	Fog Lamp Switch	
Connector D Pin 8: Digital Spare Input #2	Not Present	
Max Engine Off Time	220	Time
Connector F Pin 30: Fuel Door Lock (BUX)	Not Present	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Heatsoak Set Time	15	Time
Engine Off Clear Time	180	Time
Heatsoak Speed	15	Counter
Auto High Beam Module Location	HaLF	
Connector E Pin 39: Right Rear Turn Signal	Right Rear Turn Signal	
Heatsoak Flush Time	105	Time
Connector F Pin 15: Driver Door Lock Switch Input	Not Present	
Connector F Pin 29: Horn Switch Present	Horn Switch Input	
Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)	Left B-Pillar sliding Door Switch	
Connector F Pin 16: Passenger Door Lock Switch Input	Not Present	
Humidy Sensor Long Present	Set	
License Plate Lamp Disable	Not Set	
Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)	Right B-Pillar Sliding Door Switch	
Ambient Stable Counter Limit	40	Counter
Connector G Pin11/Connector G Pin 12: Not Used	ERS	
Rain Sensor Module #2 Present	Set	
Connctor F Pin 33: Fuel Door Unlock (BUX)	Not Present	
Connector F Pin 34: Spare HSD	Not Present	
Excess Longitudinal Acceleration Factor	Filter Off	
Nose Dive Threshold	Filter Off	
Acceleration Factor	Filter Off	
Average Last Lateral Acceleration Values	No Averaging	
Brake Smoothing Duration	Filter Off	
Acceleration Threshold	Filter Off	
Maximum Longitudinal Change	Filter Off	
Brake Smoothing Threshold	Filter Off	
Excess Lateral Acceleration Factor	Filter Off	
Steering Smoothing Threshold	Filter Off	
Steering Smoothing Duration	Filter Off	
Brake Smoothing Factor	Filter Off	

Nose Dive Factor	Filter Off	
Maximum Lateral Change	Filter Off	
Average Last Longitudinal Acceleration Values	No Averaging	
Steering Smoothing Factor	Filter Off	
VTA Hood Ajar Monitoring	Not Set	
Interior Lighting Night Threshold	4.45147	Volt
RKE Auto-Relock Feature Enable	Not Set	
Horn Chirp Duration	Short	
Auto High Beam ON Threshold	25 km/hr	
Interior Lighting Day Threshold	4.27498	Volt
PE Auto-Relock Feature Enable	Set	
Parking Light Enable	Not Set	
Auto High Beam OFF Threshold	20 km/hr	
Headlamp Soak Delay	1.0 sec	
Sunroof Present	Set	
Smart Alternator Present	Not Set	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Temperature Display Resolution	HaLF	
Auto Dimming Mirror Hard Button Present	Set	
Drive Mode Version	Version 1	
Surround View Camera On/Off Softkey Present	Set	
Radio Speaker Open Circuit Disable (RR)	Not Set	
Show Phone Information in Cluster	01	
Automatic Crash Notification Feature Present	Undefined	
Radio Speaker Open Circuit Disable (LR)	Not Set	
Radio Speaker Open Circuit Disable (RF)	Not Set	
ANC Calibration Parameter Data Set	Harman Amplified 3.6L PHEV Sunroof	
Radio Speaker Open Circuit Disable (LF)	Not Set	
Park Assist Tuning Set	BUX Front and Rear Only	
3rd Row Lock CSO	Not Set	
BUX Market	False	
Driver Kneebag Present	True	
ODS Present	False	
Passenger Kneebag Present	True	
1st Row Seat Side Airbags Present	True	
Passive Ped Pro Present	False	
Integrated EPP Present	False	
Curtain Airbags Present	True	
Tow Hooks Present	False	
Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel resistors	
Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	
Connector F Pin 5: Left Rear Fog Lamp	Output Disable	

Connector F Pin 41: Backup-Reverse lamp Left	Set	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	
Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	
Stop/Start Enable Switch Present	Not Set	
Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	
Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Reserved	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	
Connector A Pin 2: Right High Beam Feed	Right High Beam (0)	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Connector D Pin 1: Left High Beam Feed	Left High Beam (0)	
Connector F Pin 42: Right Rear Turn Signal	Right Rear Turn Signal	
Connector E Pin 1: Backup-Reverse lamp Right	Set	
Rear View Camera Static Grid Lines Enabled	Not Set	
Rear View Camera Dynamic Grid Lines Enabled	Not Set	
Auto Wipers	Set	
Auto Highbeam	Set	
Auto Unlock	Set	
Sliding Door Chime Enable	Set	
Sound Horn On Lock Status	No horn chirp/OFF	
Auto Lock	Set	
Illuminated Approach Time	30	seconds
Unlock all doors on 1st press	Not Set	
Headlamp Delay Time	30	seconds
Sound Horn on Remote Start	Set	
Hands Free Sliding Door Enable	Set	
Headlamps on with Wipers	Set	
Sound Horn on Lock	Set	
Sliding Door Alert	Not Set	
Flash Lamps on Lock	Set	
Daytime Running Lamps	Set	
Accessory Delay Time	45	seconds
Siren	Not Set	
Tilt	Not Set	
Ultrasonics	Not Set	
Left Low Beam Voltage Regulation	13.6 Volts	
Right Rear Corner Voltage	14 Volts	
Right Front Corner Voltage	13.4 Volts	

Auto Headlamp Off Threshold	2.54930	Volt
Left High Beam Voltage Regulation	13.6 Volts	
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Auto Headlamp On Threshold	3.31409	Volt
Left Rear Corner Voltage	14 Volts	
Right High Beam Voltage Regulation	13.8 Volts	
Right Low Beam Voltage Regulation	14 Volts	
Left Front Corner Voltage	13.2 Volts	
Battery Type II	255	
IBS Minimum Charge Limit	600	mA
IBS Minimum Voltage Limit	5.0	Volts
IBS Activate MWU	Not Set	
Battery Types	SNA	
IBS Quiescence Current Limit	-250	mA
IBS Minimal Charge Limit	10	AmpHrs
OBCM	Set	
EBCM	Set	
ESM	Set	
EAC	Set	
APM	Set	
AHCP	Set	
HCP	Set	
BPCM	Set	
ESC	Set	
ECM	Set	
ORC	Set	
VTM	Not Set	
DMRL	Set	
PSDMR	Set	
EDM	Set	
EOMR	Set	
DDM	Set	
DTV	Not Set	
PDM	Set	
HVACR	Set	
PLGM	Set	
ICS	Set	
DSM	Set	
CVPM	Set	
MSMP	Set	
ANC	Not Set	
HSM	Set	
MSM	Set	
PSDML	Set	

Radio	Set	
DMRR	Set	
VRM	Set	
FSM	Not Set	
ITM	Not Set	
BCM (Interior Bus)	Set	
EAM	Not Set	
HVAC	Set	
AMP	Set	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
VTA System Present	VTA	
Alert On System Fault	Set	
Washer Fluid Level Voltage Threshold	4.46 volts	
EVIC SWS Module Present	Set	
Fobik Safe Alerts Per Ignition Cycle	2	
Panic Enable	Set	
IBS Present	Set	
Humidity Sensor Present	Set	
Compass Mounting Angle	0	Degree
Compass Mounting Orientation	Rightside up	
Alert On Search Timeout	Set	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Auto Relock Time	60	seconds
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
Alert no Reply	Set	
OHC Module Present	Set	
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
HFRM Present	Set	
CRVMM Present	Set	
AHLM	Not Set	
IPC	Set	
TCM	Not Set	
ORC	Set	
EPS	Set	
ABS	Not Set	
FFCM	Set	
OCM	Set	
SCCM	Set	
PTS	Set	
ACC	Set	
ESM	Set	
RFH	Set	
HCP	Set	
ABSO	Set	

BCM (PT)	Set	
PCM	Set	
ESL	Not Set	

HSM CONFIGURATION

NAME	VALUE	UNITS
Vehicle Line R-Series	True	
Left Rear Heated Seat	False	
Heated Steering Wheel	True	
Vehicle Line U-Series	False	
Vehicle Line D-Series	False	
Right Front Vented Seat	True	
Right Rear Heated Seat	False	
Vehicle Line W-Series	False	
Vehicle Line M-Series	False	
Right Front Heated Seat	True	
Vehicle Line P-Series	False	
Left Front Vented Seat	True	
Left Front Heated Seat	True	
Vehicle Line J-Series	False	
Vehicle Line L-Series	False	

RADIO CONFIGURATION

NAME	VALUE	UNITS
Compass on the bus messaging Authorization	Allowed	
GPS on the Bus messaging Authorization	Allowed	
Satellite Subscription Suspend Year	46	
Satellite Subscription Suspend Day	01	
Satellite Subscription Status	Subscribed	
Satellite Subscription Reason Code	00	
Satellite Subscription ID	PXAA6DCC	
Satellite Subscription Suspend Month	01	
Aux Jack	Not Inserted	
Enumerated USB Devices	0	No Unit
SD Card Readers Detected	0	No Unit
USB Hubs Detected	1	No Unit
DTV Short Term Configuration	—	
911 Button	On	
Cellular	True	
Navigation Active	True	
Internal CD Player	False	
Bluetooth	True	
FM Diversity	False	
SDARS	True	

Application Framework	True	
Wi-Fi	True	
Anti-Theft Enable Status	On	
Front Seat Video Playback	Enabled	
Automated Loudness	On	
12/24 Time Selection	12 Hour Time	
Cabin EQ Curve Number Currently Used by Radio	00	
Clock Defeat	Off	
Splash Screen	Chrysler	

HVACR CONFIGURATION

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

FFCM CONFIGURATION

NAME	VALUE	UNITS
Traceability info	0219077 [REDACTED]	
Traceability info	2319063 [REDACTED]	
XCP Enabled	False	
HIL mode Enabled	False	

EDM CONFIGURATION

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

Memory Seat Module	Not Present	
Amplifier Module	Not Present	
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	
E-Mode Feature Present	False	
Remote Start Present	False	
Vehicle Line	RU	
Body Style	Station Wagon	
Left/Right Hand Drive	Not Programmed	
VES	False	
VRM	False	
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



2019 CHRYSLER PACIFICA (PHEV) 3.6L V6

PHEV HYBRID ENGINE

2C4RC1N

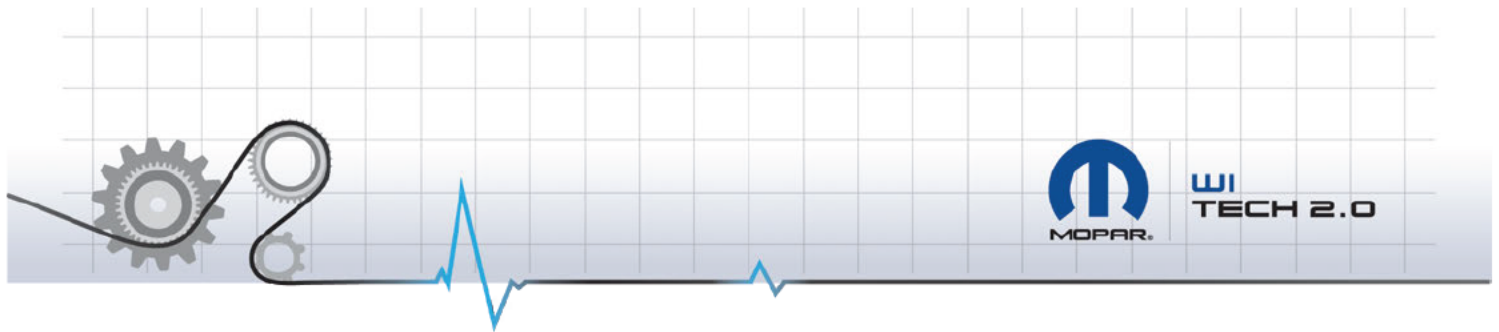
11.50 Volts

P0A3F-00 - Drive Motor A Position Sensor 1 Circuit-

- Environmental Data
- Snapshot Data

NAME	VALUE	UNIT
DTC	0A 3F 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	18010.1	miles
Most Recent Odometer Value	18010.1	miles
Frequency Counter	2	
Ignition Cycle Counter	0	
Real time clock	57307048	sec
RAM stamps keyOn	0	sec
RAM Stamps	104963	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Engine Speed	1382	rpm
HV Battery SOC	54	%
Ignition State	Reserved	
PRND Position Display	D	
Propulsion System Active	True	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	64	°F
Motor B Temp Sensor	52	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	111	°F
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Angle Offset	16.00	Degree
Motor B Resolver Angle Offset	2.80	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Track	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Battery Feed Voltage 2 Sense	13.824	Volts
Internal EPS Voltage Sense A	7.920	Volts
Internal EPS Voltage Sense B	7.992	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	-12.629	Ft-Lbs
Available Motor Torque - Motor A	12.998	Ft-Lbs
Available Motor Torque - Motor B	232.393	Ft-Lbs
Available Regen Torque - Motor A	-12.998	Ft-Lbs
Available Regen Torque - Motor B	-232.393	Ft-Lbs
Commanded Torque - Motor A	-11.154	Ft-Lbs
Commanded Torque - Motor B	-13.643	Ft-Lbs
Electric Motor A Speed	5702.5	rpm
Electric Motor B Speed	2.0	rpm
Battery Feed Voltage 1 Sense	13.824	Volts
Battery Feed Voltage 3 Sense	13.680	Volts
Hybrid System State	Determine Hybrid System State	
Motor A - Inverter Current - phase A	16	AMP
Motor A - Inverter Current - phase B	-144	AMP
Motor A - Inverter Current - phase C	120	AMP
Motor B - Inverter Current - phase A	-32	AMP
Motor B - Inverter Current - phase B	4	AMP
Motor B - Inverter Current - phase C	24	AMP
Outside Air Temperature	44.6	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	354.30	Volts
PIM DC Link Voltage - A	354	Volts

NAME	VALUE	UNIT
PIM DC Link Voltage - B	354	Volts
Inverter A IGBT Temperature for phase A	73	°F
Inverter A IGBT Temperature for phase B	72	°F
Inverter A IGBT Temperature for phase C	72	°F
Inverter B IGBT Temperature for phase A	64	°F
Inverter B IGBT Temperature for phase B	63	°F
Inverter B IGBT Temperature for phase C	68	°F
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	-12.629	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms



VEHICLE SCAN REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1N70 [REDACTED]

Odometer 18010.1 miles
Publication Date Feb 26, 2021, 8:46:44 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68416680AF	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68416680AF
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68383680AC
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68316558AD
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	68369596AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68369596AC
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68369596AC
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68316094AF
AMP	Amplifier	CAN-I	68440634AB	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68440634AB
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68405292AC
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	68402177AB	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	68402177AB
ACC	Adaptive Cruise Control	CAN-C	04672758AB	2C4RC1N [REDACTED]	2C4RC1N [REDACTED]	04672758AB

HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1N7	2C4RC1N	68421106AA
RADIO	Radio	CAN-I	68429204AC	2C4RC1	2C4RC1N	68429204AC
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	05193166AD	2C4RC1N7	2C4RC1N	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190240AP	2C4RC1N7	2C4RC1N	05190240AP
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	68376134AE	2C4RC1N7	2C4RC1N	68376134AE
RCCC	Rear Cabin Comfort Controls	CAN-I	68405948AA	2C4RC1N7	2C4RC1N	68405948AA
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	05190241AP	2C4RC1N7	2C4RC1N	05190241AP
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1N7	2C4RC1N	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68283578AD	2C4RC1N7	2C4RC1N	68283578AD
SGW	Security Gateway Module	CAN-C	68420261AA		2C4RC1N	68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	D36F6D84
ICS	USA	0F 0C 00	11 16 00	4700	
RFH	USA / USA	10 17 00	12 18 00	4A00	
ESM	USA / USA	0F 24 00	12 02 FF	4402	
ORC	USA / USA	11 1F 00	11 27 00	4301	
EPS	USA / USA	12 02 03	11 15 01	4502	
HVAC	USA	0E 09 00	11 29 01	4401	

DDM	USA / USA	11 30 00	17 42 00	4102	
PDM	USA	11 30 00	17 42 00	4102	
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	13 1E 11	4001	
PSDMR	USA / USA	10 17 00	13 1E 11	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
AMP	USA	0F 05 01	12 2D 01	4021	
IPC	USA / USA	12 0A 00	12 10 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	12 0B 90	4415	
ACC	USA / USA	13 05 00	11 0D 00	4201	
HSM	USA / USA	15 12 00	12 05 01	4003	
RADIO	USA	13 1A 1E	13 1A 1E	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		0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1D 07	14 08 01	4005	E1481262 302EEFA0 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	11 32 13	4001	
RCCC	USA	0F 1D 00	11 25 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	14 08 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 13 17	4201	D6E2728F
SGW		5	564	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	P0113	Intake Air Temperature Sensor 1 Circuit High	Active
RFH	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
ESM	P1C8C-16	System Voltage-Circuit Voltage Below Threshold	Stored
ESM	P1C8B-16	Battery Voltage-Circuit Voltage Below Threshold	Stored

ORC	B210A-00	System Voltage Low-	Stored
DDM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
PDM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
DMRL	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
DMRR	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
MSM	B222D-00	ECU Unable To Configure/Configuration Not Learned-	Stored
PLGM	B21DD-16	System Voltage-Circuit Voltage Below Threshold	Stored
HCP	P1625-00	Park Pawl System Failure-	Stored
HCP	P0562-00	System Voltage Low-	Stored
HCP	P061B-00	Internal Control Module Torque Calculation Performance-	Stored
HCP	P062C-00	Internal Control Module Vehicle Speed Performance-	Stored
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Active
HCP	P0A45-00	Drive Motor B Position Sensor 1 Circuit-	Stored
HCP	P0C19-00	Drive Motor A Torque Delivered Performance-	Active
HCP	P0C1A-00	Drive Motor B Torque Delivered Performance-	Stored
HCP	P177A-00	Park Lock/Pawl Actuator Motor Current Sensor Circuit Low-	Stored
HCP	P1A21-00	HV Battery Contactor Control Sequence Incorrect-	Stored
HCP	P1B03-00	Resolver Signal / MCPA Rationality-	Stored
HCP	P215B-00	Vehicle Speed - Output Shaft Speed Correlation-	Stored
HCP	P271B-00	Park Pawl Position Sensor 1 Circuit High-	Stored
MSMP	B222D-00	ECU Unable To Configure/Configuration Not Learned-	Stored
ABSO	C2222-00	Improper Powerdown-	Active

ENVIRONMENTAL DATA SUMMARY

PCM | P0113 | Active | Intake Air Temperature Sensor 1 Circuit High

NAME	VALUE	UNITS
DTC	01 13	
DTC Readiness Flag	Not Complete	
Warning Indicator Request State	On	
DTC Storage State	Active	
Number of DTC	1	
Accumulation Timer	14	minutes
Good Trip Counter	0	
Starts Since Set Counter	1	
Warm Up Cycles	0	
Key Cycles Since DTC Last Set Counter	0	
Ignition Key Cycles	0	
Odometer	17955.1	miles

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

NAME	VALUE	UNITS
Test Failed	False	
Test Not Completed Since Last Clear	False	

Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Pending DTC	False	
Occurrence flag	ERROR	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	False	
Original Odometer Value	18005	miles
Frequency Counter	1	
Most Recent Odometer Value	18005	miles
Ignition Cycle Counter	5	

ESM | P1C8C-16 | Stored | System Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	1C 8C 16	
Test Failed	False	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	
Occurrence flag	Occurrence	
Ignition Status	Ignition Start	
Original Odometer Value	18005	miles
Frequency Counter	1	
Ignition Cycle Counter	3	
Operating Voltage	9.5	Volts
Operation Time	58343	Min
Most Recent Odometer Value	18005	miles

ESM | P1C8B-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	1C 8B 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	

Occurrence flag	Occurrence	
Ignition Status	Ignition Start	
Original Odometer Value	18005	miles
Most Recent Odometer Value	18005	miles
Frequency Counter	1	
Ignition Cycle Counter	3	
Operating Voltage	9.5	Volts
Operation Time	58343	Min

ORC | B210A-00 | Stored | System Voltage Low-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Failed	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Confirmed DTC	True	
DTC Extended Data Record Number - All	FF	
Test Not Completed Since Last Clear	False	
Frequency Counter	1	
Original Odometer Value	18005	miles
Operation Cycle Counter	8	
Most Recent Odometer Value	18005	miles

DDM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	18005	miles
Operation Cycle Counter	4	
Most Recent Odometer Value	18005	miles
Frequency Counter	1	

PDM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Test Failed Since Last Clear	True	
Most Recent Odometer Value	18005	miles
Original Odometer Value	18005	miles
Operation Cycle Counter	3	
Frequency Counter	1	

DMRL | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
Test Failed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Frequency Counter	1	
Original Odometer Value	18005	miles
Most Recent Odometer Value	18005	miles
Ignition Cycle Counter	4	

DMRR | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

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

Warning Indicator Requested	False	
Original Odometer Value	18005	miles
Ignition Cycle Counter	4	
Most Recent Odometer Value	18005	miles
Frequency Counter	1	

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

NAME	VALUE	UNITS
DTC	A2 2D 00	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Failed	False	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number	14	
Calibration Version	03 09 00 01	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Destandardization Reason	Diagnostics	
Vertical Rear motor sensor - Short to ground	False	
Vertical Rear motor sensor - Short to battery or open	False	
Recliner motor sensor - Short to ground	False	
Horizontal motor sensor - Short to battery or open	False	
Recliner motor sensor - Short to battery or open	False	
Vertical Front motor sensor - Short to battery or open	False	
Vertical Front motor sensor - Short to ground	False	
Movement Direction - Recliner Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	
ECU configuration - Vehicle Line	RU	
Movement Direction - Horizontal Motor	Motor not moving	
Movement Direction - Vertical Front Motor	Motor not moving	
ECU configuration - Telescope/Tilt	False	
ECU configuration - Stow n Assist	True	
Horizontal motor sensor - Short to ground	False	
ECU configuration - Memory Seat	True	
ECU configuration - Adjustable Pedals	False	
Ignition Cycle Counter	4	
Frequency Counter	1	
Learned Seat Travel - Current	784	Counts
Rear Hard Stop - Current	32215	Counts
Front Hard Stop - Current	32999	Counts

Rear Hard Stop - Post-destandardization	32215	Counts
Most Recent Odometer Value	17985	miles
Original Odometer Value	17985	miles
ECU Voltage	1.970	Volts
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
Default Seat travel length	780	Counts
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Number of ECU hard resets since latest calibration	19	Counts
Learned Seat Travel - Post-destandardization	784	Counts
Front Hard Stop - Post-destandardization	32999	Counts
Position Vertical Rear	32424	Counts
Position Recliner	32409	Counts
Position Horizontal Adjustment	32506	Counts
Position Vertical Front	32800	Counts

PLGM | B21DD-16 | Stored | System Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Test Failed	False	
Occurrence flag	Occurrence	
Frequency Counter	1	
Original Odometer Value	18005	miles
Operation Cycle Counter	4	
Most Recent Odometer Value	18005	miles

HCP | P1625-00 | Stored | Park Pawl System Failure-

NAME	VALUE	UNITS
DTC	16 25 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag		
Warning Indicator Requested	False	

Brake Switch Status		
PHEV Charging Status		
Ignition State		
PRND Position Display		
Propulsion System Active		
Reverse Shift Lock Status		
PRND Blink		
Shift Lock Status		
Auto Correction Request		
Park Pawl Motor Direction		
Park Pawl Motor Enable Feedback		
Park Pawl Status Feedback		
Park Gated Switch		
Failure Reasons for Level 2 eShift		
Hybrid System State		
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
HV Contactor Status		
APM Status		
HCP System Shutdown Command		
Impact Event		
OBCM Operating Mode		
J1772 Prox Detected State		
Ignition Cycle Counter		
Real time clock		sec
Most Recent Odometer Value		miles
Original Odometer Value		miles
Accelerator Pedal Position		%
Frequency Counter		
RAM stamps keyOn		sec
RAM Stamps		Min
Engine Speed		rpm
HV Battery SOC		%
Vehicle Speed		MPH
Barometric Pressure		PSI
Engine Coolant Temperature		°F
PP Actuator Position Sensor Voltage		Volts
Park Pawl Motor PWM1		%
Park Pawl Motor Counts		Counts
Park Pawl Motor Current		AMP
Internal EPS Voltage Sense A		Volts
Battery Feed Voltage 3 Sense		Volts
Battery Feed Voltage 2 Sense		Volts

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

HCP | P0562-00 | Stored | System Voltage Low-

NAME	VALUE	UNITS
DTC	05 62 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
Ignition State	Reserved	
Propulsion System Active	False	
PRND Position Display	P	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	18010.1	miles
Frequency Counter	19	
Original Odometer Value	18010.1	miles
Ignition Cycle Counter	0	
Real time clock	57305120	sec
RAM Stamps	104943	Min
RAM stamps keyOn	60	sec
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	52	%
Motor B Temp Sensor	-40	°F
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	-40	°F
Barometric Pressure	15	PSI
Internal EPS Voltage Sense A	7.992	Volts

Internal EPS Voltage Sense B	7.992	Volts
Engine Coolant Temperature	52	°F
Motor A Torque	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Available Regen Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B Resolver Angle	Invalid Value	Degree
Motor B - Inverter Current - phase C	0	AMP
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
Motor A Resolver Angle	Invalid Value	Degree
PIM DC Link Voltage - A	186	Volts
PIM DC Link Voltage - B	186	Volts
HV Battery Voltage from BPCM	186.20	Volts
Outside Air Temperature	55.4	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	9.504	Volts
Battery Feed Voltage 2 Sense	9.432	Volts
Battery Feed Voltage 3 Sense	9.360	Volts
Inverter A IGBT Temperature for phase A	50	°F
Inverter A IGBT Temperature for phase C	50	°F
Inverter A IGBT Temperature for phase B	50	°F
Inverter B IGBT Temperature for phase A	50	°F
Inverter B IGBT Temperature for phase B	50	°F
Inverter B IGBT Temperature for phase C	50	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Day	1	Days
GPS Date - Month	1	
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms

HCP | P061B-00 | Stored | Internal Control Module Torque Calculation Performance-

NAME	VALUE	UNITS
DTC	06 1B 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Pending DTC	False	
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	
Ignition State	Ignition Lock	
PRND Position Display	N	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
HV Contactor Status	Closed	
EPT LOC Diag Enable	Disable LOC Daignostic	
APM Status	Buck CV	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	High Voltage Enabled	
PHEV Charging Status	No Charging	
Original Odometer Value	18010.1	miles
Most Recent Odometer Value	18010.1	miles
Frequency Counter	8	
Ignition Cycle Counter	0	
RAM stamps keyOn	0	sec
Accelerator Pedal Position	0	%
Real time clock	57305212	sec
RAM Stamps	104943	Min
Engine Speed	0	rpm
HV Battery SOC	52	%
Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	77	°F
Engine Coolant Temperature	52	°F
Barometric Pressure	15	PSI
Internal EPS Voltage Sense A	7.992	Volts

Motor A Temp Sensor	77	°F
Internal EPS Voltage Sense B	7.992	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual 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	0.000	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A Resolver Angle	280	Degree
Electric Motor A Speed	16383.5	rpm
Motor B Resolver Angle	148	Degree
Electric Motor B Speed	13474.0	rpm
PIM DC Link Voltage - A	352	Volts
PIM DC Link Voltage - B	352	Volts
Outside Air Temperature	64.4	°F
HV Battery Voltage from BPCM	352.10	Volts
HV Battery Sleep Time	0	Days
Battery Feed Voltage 2 Sense	12.600	Volts
Battery Feed Voltage 1 Sense	12.600	Volts
Battery Feed Voltage 3 Sense	12.456	Volts
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
GPS Date - Year	0	Year
Distance Travelled with Light ON	0	miles
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
UTC Time - Hours	0	Hours
ECU Time - Milliseconds	0	ms

HCP | P062C-00 | Stored | Internal Control Module Vehicle Speed Performance-

NAME	VALUE	UNITS
DTC	06 2C 00	
Test Failed	False	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Warning Indicator Requested	True	
Brake Switch Status	Not Applied	
Ignition State	Ignition Lock	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
Impact Event	False	
APM Status	Off	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	18010.1	miles
Frequency Counter	3	
Most Recent Odometer Value	18010.1	miles
Ignition Cycle Counter	0	
Real time clock	57304984	sec
RAM stamps keyOn	15	sec
Engine Speed	0	rpm
Accelerator Pedal Position	0	%
RAM Stamps	104941	Min
HV Battery SOC	52	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	-40	°F
Motor B Temp Sensor	-40	°F
Barometric Pressure	15	PSI
Internal EPS Voltage Sense B	7.992	Volts

Internal EPS Voltage Sense A	7.992	Volts
Engine Coolant Temperature	176	°F
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	11.892	Ft-Lbs
Available Motor Torque - Motor B	11.615	Ft-Lbs
Available Regen Torque - Motor B	-11.615	Ft-Lbs
Available Regen Torque - Motor A	-11.892	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	0	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Electric Motor A Speed	16383.5	rpm
Motor B - Inverter Current - phase A	0	AMP
Motor B Resolver Angle	96	Degree
Motor A Resolver Angle	266	Degree
PIM DC Link Voltage - A	353	Volts
PIM DC Link Voltage - B	353	Volts
Electric Motor B Speed	13474.0	rpm
Outside Air Temperature	54.5	°F
HV Battery Sleep Time	0	Days
HV Battery Voltage from BPCM	352.90	Volts
Battery Feed Voltage 1 Sense	10.728	Volts
Battery Feed Voltage 2 Sense	10.656	Volts
Battery Feed Voltage 3 Sense	10.656	Volts
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter A IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase A	50	°F
Inverter B IGBT Temperature for phase B	50	°F
Inverter B IGBT Temperature for phase C	50	°F
Distance Travelled with Light ON	0	miles
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Minutes	0	
GPS Date - Year	0	Year
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
DTC	0A 3F 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Test Not Completed This Operation Cycle	False	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Ignition Lock	
PRND Position Display	P	
Propulsion System Active	False	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Track	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HV Contactor Status	Open	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
APM Status	Idle	
HCP System Shutdown Command	Default	
Impact Event	False	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	18010.1	miles
Most Recent Odometer Value	18010.1	miles
Frequency Counter	5	
Ignition Cycle Counter	0	
Real time clock	57305956	sec
RAM stamps keyOn	120	sec
Accelerator Pedal Position	0	%
RAM Stamps	104951	Min
HV Battery SOC	55	%
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH

Motor A Temp Sensor	70	°F
Motor B Temp Sensor	52	°F
Motor A Resolver Angle Offset	16.40	Degree
Engine Coolant Temperature	140	°F
Barometric Pressure	15	PSI
Internal EPS Voltage Sense B	7.992	Volts
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Angle Offset	3.20	Degree
Battery Feed Voltage 2 Sense	11.664	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Internal EPS Voltage Sense A	7.920	Volts
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Available Motor Torque - Motor A	78.540	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Electric Motor A Speed	4.0	rpm
Electric Motor B Speed	0.0	rpm
Available Regen Torque - Motor A	-78.540	Ft-Lbs
Battery Feed Voltage 1 Sense	11.736	Volts
Battery Feed Voltage 3 Sense	11.664	Volts
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Outside Air Temperature	47.3	°F
PIM DC Link Voltage - A	243	Volts
HV Battery Voltage from BPCM	242.90	Volts
PIM DC Link Voltage - B	242	Volts
Inverter A IGBT Temperature for phase C	57	°F
Inverter A IGBT Temperature for phase A	57	°F
Inverter A IGBT Temperature for phase B	57	°F
Inverter B IGBT Temperature for phase A	57	°F
Inverter B IGBT Temperature for phase B	57	°F
Inverter B IGBT Temperature for phase C	57	°F
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days

Motor B Torque	0.000	Ft-Lbs
UTC Time - Hours	0	Hours
HV Battery Sleep Time	0	Days
ECU Time - Milliseconds	0	ms
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds

HCP | P0A45-00 | Stored | Drive Motor B Position Sensor 1 Circuit-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
DTC	0A 45 00	
Confirmed DTC	True	
Pending DTC	False	
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	Ignition Lock	
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 A Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Motor B Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Disable LOC Diagnostic	
CBC Wake-Up Input	On	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	18010.1	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	56884848	sec

Most Recent Odometer Value	18010.1	miles
RAM stamps keyOn	420	sec
RAM Stamps	104927	Min
Engine Speed	0	rpm
Accelerator Pedal Position	0	%
HV Battery SOC	52	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Engine Coolant Temperature	176	°F
Barometric Pressure	15	PSI
Motor B Resolver Angle Offset	3.60	Degree
Motor A Resolver Supply Voltage Value	03FD	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver Angle Offset	3.20	Degree
Internal EPS Voltage Sense A	7.920	Volts
Battery Feed Voltage 2 Sense	11.880	Volts
Internal EPS Voltage Sense B	7.992	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	93.658	Ft-Lbs
Available Regen Torque - Motor A	-93.658	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Electric Motor B Speed	13474.0	rpm
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor A Speed	16383.5	rpm
Battery Feed Voltage 1 Sense	11.880	Volts
Battery Feed Voltage 3 Sense	11.736	Volts
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Outside Air Temperature	77.0	°F
Motor B - Inverter Current - phase A	0	AMP
HV Battery Voltage from BPCM	353.00	Volts
Motor B - Inverter Current - phase B	0	AMP
Inverter A IGBT Temperature for phase B	32	°F
PIM DC Link Voltage - A	353	Volts
Inverter A IGBT Temperature for phase A	32	°F
PIM DC Link Voltage - B	353	Volts
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase A	32	°F

Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase C	32	°F
Motor B Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
UTC Time - Minutes	0	
Motor A Torque	0.000	Ft-Lbs
UTC Time - Hours	0	Hours
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

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

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

Motor A Phase U SPI Error Fault - Low-Side	False	
Motor A Phase U Hardware Error Fault - Low-Side	False	
Motor A Phase V Short Fault - High-Side	False	
Motor A Phase U Thermal Shutdown Fault - Low-Side	False	
Motor A Phase V Over Current Fault - High-Side	False	
Motor A Phase V Thermal Warning Fault - High-Side	False	
Motor A Phase V Cross Conduction 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 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 - Low-Side	False	
Motor A Phase V Over Current Fault - Low-Side	False	
Motor A Phase V Short Fault - Low-Side	False	
Motor A Phase V Thermal Warning Fault - Low-Side	False	
Motor A Phase V Cross Conduction Fault - Low-Side	False	
Motor A Phase W Short Fault - High-Side	False	
Motor A Phase V Hardware Error Fault - Low-Side	False	
Motor A Phase V Thermal Shutdown Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown Fault - High-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase W SPI Error Fault - High-Side	False	
Motor A Phase W Thermal Warning Fault - High-Side	False	
Motor A Phase W Over Current Fault - High-Side	False	
Motor A Phase W Thermal Shutdown Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - Low-Side	False	
Motor A Phase W Over Current Fault - Low-Side	False	
Motor A Phase W Hardware Error Fault - High-Side	False	
Motor A Phase W Short Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Thermal Warning Fault - Low-Side	False	
Motor A Phase W SPI Error Fault - Low-Side	False	
Motor A Phase W Hardware Error Fault - Low-Side	False	
Hybrid System State	SNA	
HV Contactor Status	Open	
Inverter B Status Feedback	Active Discharge	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HCP ePT Wake-Up Output	On	
Impact Event	False	
J1772 Prox Detected State	Prox Out	
HCP System Shutdown Command	Default	
APM Status	Idle	

Commanded Inverter A State	Active Discharge	
OBCM Operating Mode	UTC	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
Motor A Phase U Under Voltage Fault VDD - High-Side	False	
Inverter Status Feedback	Active Discharge	
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 VH - Low-Side	False	
Motor A Phase U Under Voltage Fault VL - Low-Side	False	
Motor A Phase U Under Voltage Fault VH - Low-Side	False	
Motor A Phase U Over Voltage Fault VDD - Low-Side	False	
Motor A Phase U Over Voltage Fault VDD - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - High-Side	False	
Motor A Phase V Over Voltage Fault VH - High-Side	False	
Motor A Phase U Under Voltage Fault VDD - Low-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - High-SideSide	False	
Motor A Phase V Under Voltage Fault VH - High-Side	False	
Motor A Phase U Over Voltage Fault VL - 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 VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VDD - High-Side	False	
Motor A Phase V Over Voltage Fault VH - Low-Side	False	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase V Under Voltage Fault VDD - 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 Under Voltage Fault VH - High-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - High-Side	False	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase W Under Voltage Fault VDD - High-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 VH - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - High-Side	False	

Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Inverter A Status Feedback	Active Discharge	
Original Odometer Value	18010.1	miles
Real time clock	57305956	sec
RAM Stamps	104951	Min
Frequency Counter	6	
HV Battery SOC	55	%
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
Most Recent Odometer Value	18010.1	miles
Ignition Cycle Counter	0	
Engine Coolant Temperature	140	°F
Vehicle Speed	0.0000	MPH
Electric Motor A Speed	4.0	rpm
RAM stamps keyOn	120	sec
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	63.237	Ft-Lbs
Battery Feed Voltage 3 Sense	11.664	Volts
Motor A Resolver Supply Voltage Value	15.75	Volts
Internal EPS Voltage Sense A	7.920	Volts
Barometric Pressure	15	PSI
Inverter A Input DC Current	0.0	AMP
PIM DC Link Voltage - A	300	Volts
Internal EPS Voltage Sense B	7.992	Volts
PIM DC Link Voltage - B	299	Volts
Motor A - Inverter Current - phase C	-4	AMP
Battery Feed Voltage 2 Sense	11.664	Volts
Passive Pump Coolant Temp In Sensor	57	°F
High Temp Aux Pump - Actual Speed	0	rpm
Low Temp Active Pump Speed	0	rpm
Outside Air Temperature	47.3	°F
Available Motor Torque - Motor B	232.301	Ft-Lbs
Motor B - Inverter Current - phase B	-4	AMP
Battery Feed Voltage 1 Sense	11.736	Volts
Commanded Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase A	-4	AMP
Available Regen Torque - Motor A	-63.237	Ft-Lbs
Motor B Resolver Angle	282	Degree

Motor B Temp Sensor	52	°F
Inverter A IGBT Temperature for phase C	57	°F
Electric Motor B Speed	0.0	rpm
HV Battery Voltage from BPCM	300.70	Volts
Inverter B IGBT Temperature for phase A	57	°F
Inverter A IGBT Temperature for phase A	57	°F
Inverter A IGBT Temperature for phase B	57	°F
Motor B - Inverter Current - phase C	0	AMP
Inverter B IGBT Temperature for phase C	57	°F
Distance Travelled with Light ON	0	miles
HV Battery Sleep Time	0	Days
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
Inverter B IGBT Temperature for phase B	57	°F
UTC Time - Minutes	0	
GPS Date - Year	0	Year
ECU Time - Milliseconds	0	ms
GPS Date - Month	1	
UTC Time - Seconds	0	seconds

HCP | P0C1A-00 | Stored | Drive Motor B Torque Delivered Performance-

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

Motor B Phase U Thermal Shutdown Fault - High-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase U SPI Error Fault - High-Side	False	
Motor B Phase U Thermal Warning Fault - Low-Side	False	
Motor B Phase U Thermal Shutdown Fault - Low-Side	False	
Motor B Phase U Cross Conduction Fault - Low-Side	False	
Motor B Phase U Short Fault - Low-Side	False	
Motor B Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase V Short Fault - High-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase U Over Current Fault - Low-Side	False	
Motor B Phase V Over Current Fault - High-Side	False	
Motor B Phase V Cross Conduction Fault - High-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase U Hardware Error Fault - High-Side	False	
Motor B Phase V Thermal Warning Fault - High-Side	False	
Motor B Phase U SPI Error Fault - Low-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase V Thermal Shutdown Fault - High-Side	False	
Motor B Phase V Cross Conduction Fault - Low-Side	False	
Motor B Phase V Over Current Fault - Low-Side	False	
Motor B Phase V Hardware Error Fault - High-Side	False	
Motor B Phase V SPI Error Fault - High-Side	False	
Motor B Phase U Hardware Error Fault - Low-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase V Short Fault - Low-Side	False	
Motor B Phase V Thermal Warning Fault - Low-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase W Thermal Warning Fault - High-Side	False	
Motor B Phase V Thermal Shutdown Fault - Low-Side	False	
Motor B Phase V Hardware Error Fault - Low-Side	False	
Motor B Phase V SPI Error Fault - Low-Side	False	
Motor B Phase W Short Fault - High-Side	False	
Motor B Phase W Short Fault - Low-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase W Cross Conduction Fault - High-Side	False	
Motor B Phase W Hardware Error Fault - High-Side	False	
Motor B Phase W Cross Conduction Fault - Low-Side	False	
Motor B Phase W Thermal Shutdown Fault - Low-Side	False	
Motor B Phase W Thermal Warning Fault - Low-Side	False	
Motor B Phase W SPI Error Fault - High-Side	False	
Motor B Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase W Over Current Fault - Low-Side	False	
Motor B Phase W SPI Error Fault - Low-Side	False	

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

Motor B Phase W Thermal Shutdown Fault - High-Side	False	
Motor B Phase W Over Voltage Fault VH - Low-Side	False	
Motor B Phase W Under Voltage Fault VH - High-Side	False	
Motor B Phase W Under Voltage Fault VL - Low-Side	False	
Motor B Phase W Over Voltage Fault VDD - Low-Side	False	
Motor B Phase W Over Voltage Fault VDD - High-Side	False	
Motor B Phase W Under Voltage Fault VDD - Low-Side	False	
Motor B Phase W Under Voltage Fault VH - Low-Side	False	
Motor B Phase W Over Voltage Fault VL - Low-Side	False	
Most Recent Odometer Value	18010.1	miles
Frequency Counter	1	
RAM stamps keyOn	420	sec
Original Odometer Value	18010.1	miles
Ignition Cycle Counter	0	
RAM Stamps	104927	Min
Accelerator Pedal Position	0	%
Real time clock	56884848	sec
Engine Speed	0	rpm
Barometric Pressure	15	PSI
HV Battery SOC	60	%
Engine Coolant Temperature	176	°F
Actual Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase A	-4	AMP
Vehicle Speed	0.0000	MPH
Battery Feed Voltage 2 Sense	11.880	Volts
Inverter B Input DC Current	0.0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor B - Inverter Current - phase B	0	AMP
Internal EPS Voltage Sense B	7.992	Volts
Available Motor Torque - Motor B	0.000	Ft-Lbs
Electric Motor B Speed	13474.0	rpm
Internal EPS Voltage Sense A	7.920	Volts
Commanded Torque - Motor A	0.000	Ft-Lbs
Battery Feed Voltage 1 Sense	11.880	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	93.658	Ft-Lbs
Available Regen Torque - Motor A	-93.658	Ft-Lbs
Battery Feed Voltage 3 Sense	11.736	Volts
Motor A - Inverter Current - phase B	0	AMP
Motor A Resolver Angle	318	Degree
Available Regen Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase A	-4	AMP

Distance Travelled with Light ON	0	miles
PIM DC Link Voltage - A	353	Volts
Electric Motor A Speed	16383.5	rpm
HV Battery Voltage from BPCM	353.00	Volts
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A Temp Sensor	77	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase B	32	°F
PIM DC Link Voltage - B	353	Volts
Outside Air Temperature	77.0	°F
Inverter A IGBT Temperature for phase C	32	°F
HV Battery Sleep Time	0	Days
GPS Date - Year	0	Year
Inverter B IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase A	32	°F
GPS Date - Day	1	Days
GPS Date - Month	1	
UTC Time - Minutes	0	
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
UTC Time - Seconds	0	seconds
UTC Time - Hours	0	Hours
ECU Time - Milliseconds	0	ms

HCP | P177A-00 | Stored | Park Lock/Pawl Actuator Motor Current Sensor Circuit Low-

NAME	VALUE	UNITS
Test Failed	False	
DTC	17 7A 00	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag		
Confirmed DTC	True	
Warning Indicator Requested	False	
Brake Switch Status		
PHEV Charging Status		
Ignition State		
PRND Position Display		
Propulsion System Active		
Shift Lock Status		
Reverse Shift Lock Status		

PRND Blink		
Auto Correction Request		
Park Pawl Motor Enable Feedback		
Park Pawl Motor Direction		
Failure Reasons for Level 2 eShift		
Park Pawl Status Feedback		
Park Gated Switch		
Hybrid System State		
HCP ePT Wake-Up Output		
EPT LOC Diag Enable		
CBC Wake-Up Input		
HV Contactor Status		
Impact Event		
APM Status		
HCP System Shutdown Command		
J1772 Prox Detected State		
OBCM Operating Mode		
Most Recent Odometer Value		miles
Ignition Cycle Counter		
Frequency Counter		
Real time clock		sec
Original Odometer Value		miles
RAM stamps keyOn		sec
Accelerator Pedal Position		%
RAM Stamps		Min
HV Battery SOC		%
Engine Speed		rpm
Barometric Pressure		PSI
Vehicle Speed		MPH
Engine Coolant Temperature		°F
PP Actuator Position Sensor Voltage		Volts
Park Pawl Motor Counts		Counts
Park Pawl Motor PWM1		%
Park Pawl Motor Current		AMP
Battery Feed Voltage 2 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Battery Feed Voltage 1 Sense		Volts
Actual Torque - Motor B		Ft-Lbs
Actual Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs

Available Motor Torque - Motor A		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Motor A - Inverter Current - phase C		AMP
Motor A - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase C		AMP
Motor A - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase A		AMP
Motor B Resolver Angle		Degree
Motor A Temp Sensor		°F
Motor A Resolver Angle		Degree
Motor B - Inverter Current - phase B		AMP
Motor B Temp Sensor		°F
HV Battery Voltage from BPCM		Volts
Outside Air Temperature		°F
Electric Motor A Speed		rpm
PIM DC Link Voltage - A		Volts
Electric Motor B Speed		rpm
PIM DC Link Voltage - B		Volts
Inverter A IGBT Temperature for phase B		°F
Inverter A IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase A		°F
Inverter A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase 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 - Year		Year
UTC Time - Hours		Hours
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Minutes		
UTC Time - Seconds		seconds
ECU Time - Milliseconds		ms

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

NAME	VALUE	UNITS
DTC	1A 21 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	

Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag		
Warning Indicator Requested	False	
Brake Switch Status		
Ignition State		
PRND Position Display		
Propulsion System Active		
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
HCP System Shutdown Command		
EPT LOC Diag Enable		
SW Build Release Version		
HCP SW Version		
HV Contactor Status		
APM Status		
Impact Event		
OBCM Operating Mode		
J1772 Prox Detected State		
Hybrid System State		
PHEV Charging Status		
Most Recent Odometer Value		miles
Original Odometer Value		miles
Real time clock		sec
Frequency Counter		
Ignition Cycle Counter		
RAM Stamps		Min
RAM stamps keyOn		sec
Accelerator Pedal Position		%
HV Battery SOC		%
Motor A Temp Sensor		°F
Engine Speed		rpm
Vehicle Speed		MPH
Motor B Temp Sensor		°F
Barometric Pressure		PSI
Engine Coolant Temperature		°F
Internal EPS Voltage Sense B		Volts
Internal EPS Voltage Sense A		Volts
Motor B Torque		Ft-Lbs
Motor A Torque		Ft-Lbs
Actual Torque - Motor A		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs

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

HCP | P1B03-00 | Stored | Resolver Signal / MCPA Rationality-

NAME	VALUE	UNITS
DTC	1B 03 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	

Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
PRND Position Display	P	
Ignition State	Ignition Off/ACC	
Propulsion System Active	False	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Offset Learn Erase	not requested	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Track	
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 Limited LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
HCP System Shutdown Command	Default	
Impact Event	False	
OBCM Operating Mode	UTC	
Motor B Resolver Offset Learn Erase	not requested	
J1772 Prox Detected State	Prox Out	
Most Recent Odometer Value	18010.1	miles
Frequency Counter	2	
Real time clock	57306016	sec
Original Odometer Value	18010.1	miles
RAM stamps keyOn	0	sec
Accelerator Pedal Position	0	%
Ignition Cycle Counter	0	
RAM Stamps	104951	Min
Engine Speed	0	rpm
HV Battery SOC	55	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	70	°F
Barometric Pressure	15	PSI
Motor B Temp Sensor	52	°F
Motor B Resolver Angle Offset	3.20	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Engine Coolant Temperature	136	°F

Battery Feed Voltage 2 Sense	11.448	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Internal EPS Voltage Sense A	7.920	Volts
Motor A Resolver Angle Offset	16.40	Degree
Actual Torque - Motor A	0.000	Ft-Lbs
Internal EPS Voltage Sense B	7.992	Volts
Available Motor Torque - Motor A	17.423	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-17.423	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Electric Motor A Speed	3.5	rpm
Electric Motor B Speed	0.0	rpm
Commanded Torque - Motor B	0.000	Ft-Lbs
Battery Feed Voltage 1 Sense	11.520	Volts
Battery Feed Voltage 3 Sense	11.448	Volts
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase C	0	AMP
HV Battery Voltage from BPCM	180.00	Volts
Outside Air Temperature	44.6	°F
PIM DC Link Voltage - A	82	Volts
PIM DC Link Voltage - B	81	Volts
Inverter A IGBT Temperature for phase A	55	°F
Inverter A IGBT Temperature for phase C	57	°F
Inverter A IGBT Temperature for phase B	57	°F
Inverter B IGBT Temperature for phase B	57	°F
Inverter B IGBT Temperature for phase C	57	°F
Inverter B IGBT Temperature for phase A	57	°F
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B 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 - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P215B-00 | Stored | Vehicle Speed - Output Shaft Speed Correlation-

NAME	VALUE	UNITS
Test Failed	False	
DTC	21 5B 00	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Ignition Lock	
Propulsion System Active	False	
PRND Position Display	N	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
EPT LOC Diag Enable	Disable LOC Daignostic	
HCP SW Version	C19A	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	High Voltage Enabled	
PHEV Charging Status	No Charging	
Original Odometer Value	18010.1	miles
Most Recent Odometer Value	18010.1	miles
Real time clock	57305212	sec
Frequency Counter	5	
RAM stamps keyOn	0	sec
Accelerator Pedal Position	0	%
Ignition Cycle Counter	0	
RAM Stamps	104943	Min
Engine Speed	0	rpm
HV Battery SOC	52	%
Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	77	°F
Barometric Pressure	15	PSI
Motor A Temp Sensor	77	°F
Internal EPS Voltage Sense A	7.992	Volts

Engine Coolant Temperature	52	°F
Internal EPS Voltage Sense B	7.992	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual 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	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B Resolver Angle	96	Degree
Motor A Resolver Angle	226	Degree
Electric Motor B Speed	13474.0	rpm
PIM DC Link Voltage - A	353	Volts
PIM DC Link Voltage - B	353	Volts
Electric Motor A Speed	16383.5	rpm
HV Battery Voltage from BPCM	352.90	Volts
Outside Air Temperature	63.5	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	12.600	Volts
Battery Feed Voltage 2 Sense	12.600	Volts
Battery Feed Voltage 3 Sense	12.456	Volts
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
GPS Date - Year	0	Year
Distance Travelled with Light ON	0	miles
GPS Date - Month	1	
UTC Time - Hours	0	Hours
GPS Date - Day	1	Days
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

HCP | P271B-00 | Stored | Park Pawl Position Sensor 1 Circuit High-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
DTC	27 1B 00	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
PHEV Charging Status	No Charging	
Brake Switch Status	Not Applied	
Ignition State	Ignition Lock	
PRND Position Display	N	
Propulsion System Active	False	
Shift Lock Status	Unlocked	
Reverse Shift Lock Status	Unlocked	
PRND Blink	Initialization	
Auto Correction Request	APCM Off	
Park Pawl Motor Direction	Park/Move Towards Engage	
Park Pawl Motor Enable Feedback	Disabled	
Park Pawl Status Feedback	Disengaged	
Park Gated Switch	Out of Park	
Failure Reasons for Level 2 eShift	HCP Level 2 Park pawl monitor detects Missed Park pawl Insertion Command	
Hybrid System State	Evaluate High Voltage Enable	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HV Contactor Status	Open	
EPT LOC Diag Enable	Disable LOC Diagnostic	
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	Idle	
J1772 Prox Detected State	Prox Circuit Low	
Frequency Counter	1	
Original Odometer Value	18010.1	miles
Ignition Cycle Counter	0	
Real time clock	56884468	sec
RAM stamps keyOn	420	sec
Most Recent Odometer Value	18010.1	miles
RAM Stamps	104927	Min

Engine Speed	0	rpm
Accelerator Pedal Position	0	%
Vehicle Speed	0.0000	MPH
Barometric Pressure	15	PSI
HV Battery SOC	60	%
Engine Coolant Temperature	176	°F
PP Actuator Position Sensor Voltage	5.00	Volts
Park Pawl Motor PWM1	0	%
Park Pawl Motor Current	0.1	AMP
Battery Feed Voltage 2 Sense	11.952	Volts
Battery Feed Voltage 3 Sense	11.952	Volts
Park Pawl Motor Counts	0	Counts
Internal EPS Voltage Sense B	0.000	Volts
Internal EPS Voltage Sense A	0.000	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	93.658	Ft-Lbs
Available Motor Torque - Motor B	221.239	Ft-Lbs
Battery Feed Voltage 1 Sense	11.952	Volts
Available Regen Torque - Motor B	-221.239	Ft-Lbs
Available Regen Torque - Motor A	-93.658	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B Resolver Angle	232	Degree
Motor A Resolver Angle	246	Degree
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	0	AMP
Outside Air Temperature	77.0	°F
Motor A Temp Sensor	32	°F
Motor B Temp Sensor	32	°F
HV Battery Voltage from BPCM	180.00	Volts
Electric Motor A Speed	2759.5	rpm
Electric Motor B Speed	11182.0	rpm
PIM DC Link Voltage - B	0	Volts
Inverter A IGBT Temperature for phase C	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase A	32	°F
PIM DC Link Voltage - A	0	Volts

Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase C	32	°F
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
GPS Date - Day	1	Days
GPS Date - Month	1	
GPS Date - Year	0	Year
UTC Time - Minutes	0	
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
Test Failed	False	
Pending DTC	False	
Confirmed DTC	True	
DTC Extended Data Record Number - All	01	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Test Failed This Operation Cycle	False	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
Frequency Counter	1	
Ignition Cycle Counter	4	
Most Recent Odometer Value	17985	miles
Original Odometer Value	17985	miles

ABSO | C2222-00 | Active | Improper Powerdown-

NAME	VALUE	UNITS
DTC	62 22 00	
Test Failed Since Last Clear	False	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	False	
Occurrence flag	ERROR	
Warning Indicator Requested	True	
Mirror Memory	No	

Controller Event	No	
Undervoltage Suspected	No	
Previous System Mode	CAN active	
Current System Mode	CAN active	
Test Failed	True	
System Condition	OK	
Brake Pedal Status	Released	
Test Not Completed This Operation Cycle	True	
Confirmed DTC	True	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ABS control	Not active	
ASR control	Not active	
ESP Control	Not active	
Plant Mode	No	
EPB Mode Status	Limp Home	
HSA control	Not active	
EBV control	Not active	
Braking assistance system	No Assistance System Is Braking	
MSR control	Not active	
Hold	No	
BLS High	No	
HBA control	Not active	
Transmission selector lever setting	P	
Actual Gear	N	
Park Brake	Not Activated	
BLS Low	Yes	
ESP-OFF mode	No	
Stop Coordinator Active	No	
Clutch	Not Activated	
Status Parking Brake Left	Brake is in an Unknown State	
EPB Switch Status	Idle	
Status Parking Brake Right	Brake is in an Unknown State	
Most Recent Odometer Value	18005	miles
Original Odometer Value	18005	miles
Fault Time	0.00	S
Frequency Counter	1	
Brake Pedal Travel Sensor Position	0	%
Ignition Cycle Counter	0	
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Wheel Speed Right Front	0.000	MPH

Ignition Unfiltered	0.0	V
Supply Voltage Valves	11.3	V
Supply voltage Pump	10.0	V
Steering Wheel Angle	0.00	°
Longitudinal Acceleration	0.00	m/s ²
Wheel Speed Left Front	0.000	MPH
Primary Circuit Pressure	0.00	PSI
Accelerator Pedal Position	0.0	%
Yaw Rate	0.000	°/s
Engine Speed	0.0	rpm
Lateral Acceleration	0.00	m/s ²
Supplier Internal Code	140	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0113

No Snapshot Data available for B2199-16

No Snapshot Data available for P1C8C-16

No Snapshot Data available for P1C8B-16

No Snapshot Data available for B210A-00

No Snapshot Data available for B21DD-84

No Snapshot Data available for B21DD-84

No Snapshot Data available for B21DD-84

No Snapshot Data available for B21DD-84

No Snapshot Data available for B222D-00

No Snapshot Data available for B21DD-16

No Snapshot Data available for P1625-00

No Snapshot Data available for P0562-00

No Snapshot Data available for P061B-00

No Snapshot Data available for P062C-00

No Snapshot Data available for P0A3F-00

No Snapshot Data available for P0A45-00

No Snapshot Data available for P0C19-00

No Snapshot Data available for P0C1A-00

No Snapshot Data available for P177A-00

No Snapshot Data available for P1A21-00

No Snapshot Data available for P1B03-00

No Snapshot Data available for P215B-00

No Snapshot Data available for P271B-00

No Snapshot Data available for B222D-00

No Snapshot Data available for C2222-00

RESOLVER A

SINE HIGH & LOW : 17.95

COS HIGH & LOW : 215.36 K

EXCITATION HIGH & LOW : 8.84

COS LOW SHORTED TO

GROUND : 227.35 K

COS HIGH TO - : 10.705 K



HCP

Switch ECU

Hybrid Control Processor

- Flash
- DTCs
- Data
- Misc Functions
- System Tests
- Actuators
- Details
- Configuration

Type: All

Record

Units: Imperial

Filter

Graph

Data

Clear

resolver

Ungrouped Data

10

NAME	VALUE	UNIT	TYPE			☐
Motor A Resolver Offset Learn Erase	not requested		Sensors			☐
Motor A Resolver Offset Learning Status Flag	Applied		Sensors			☐
Motor B Resolver Offset Learn Erase	not requested		Sensors			☐
Motor B Resolver Offset Learning Status Flag	Applied		Sensors			☐
Motor A Resolver Angle	160	Degree	Sensors			☐
Motor B Resolver Angle	182	Degree	Sensors			☐
Motor A Resolver Angle Offset	1.20	Degree	Sensors			☐
Motor B Resolver Angle Offset	4.40	Degree	Sensors			☐
Motor A Resolver Supply Voltage Value	15.75	Volts	Sensors			☐
Motor B Resolver Supply Voltage Value	15.75	Volts	Sensors			☐

RESOWER
200A HI
EXCITATION LOW
T370 & T375



FLUKE 289 TRUE RMS MULTIMETER

02/19/21
227.35 k Ω

Auto Range 500 k Ω
0 100 200 300 400 500 k Ω

Menu

Save

Setup

F1

F2

F3

F4

HOLD

RANGE

MIN MAX

info



mV

Ω ns



mV

A mA

V

μ A

LoZ

Lo Ω 50 Ω

