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CONFIGURATION REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1N [REDACTED]

Odometer 4972.0 miles
Publication Date Jul 29, 2020, 12:36:44 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	ORIGINA	PART #
PCM	Powertrain Control Module	CAN-C	68416681AE	2C4RC1N	2C4RC1N	68416681AE
ICS	Integrated Center Stack	CAN-I	6EV301X8AB	2C4RC1N	2C4RC1N	6EV301X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AC	2C4RC1N	2C4RC1N	68383680AC
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N	2C4RC1N	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1N	2C4RC1N	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1N	2C4RC1N	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1N	2C4RC1N	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1N	2C4RC1N	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1N	2C4RC1N	68316558AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N	2C4RC1N	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N	2C4RC1N	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N	2C4RC1N	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N	2C4RC1N	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N	2C4RC1N	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N	2C4RC1N	68316094AF
AMP	Amplifier	CAN-I	68440634AA	2C4RC1N	2C4RC1N	68440634AA
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1N	2C4RC1N	68405292AC
PTS	Parktronics	CAN-C	68193772AJ	2C4RC1N	2C4RC1N	68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AC	2C4RC1N	2C4RC1N	68360889AC
BCM	Body Controller	CAN-C	68402177AB	2C4RC1N	2C4RC1N	68402177AB
HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1N	2C4RC1N	68421106AA

RADIO	Radio	CAN-I	68401447AB	2C4RC1N	2C4RC1N	68401447AB
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N	2C4RC1N	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N	2C4RC1N	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N	2C4RC1N	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N	2C4RC1N	04672786AB
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N	2C4RC1N	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N	2C4RC1N	05185046AB
BPCM	Battery Pack Control Module	CAN-C	68429967AD	2C4RC1N	2C4RC1N	68429967AD
HCP	Hybrid Control Processor	CAN-C	05190240AN	2C4RC1N	2C4RC1N	05190240AN
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N	2C4RC1N	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N	2C4RC1N	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N	2C4RC1N	68316174AB
VRM	Video Routing Module	CAN-I	68376134AE	2C4RC1N	2C4RC1N	68376134AE
RCCC	Rear Cabin Comfort Controls	CAN-I	68395990AA	2C4RC1N	2C4RC1N	68395990AA
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N	2C4RC1N	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AN	2C4RC1N	2C4RC1N	05190241AN
EBBM	Electronic Brake Booster Module	CAN-C	68240033AJ	2C4RC1N	2C4RC1N	68240033AJ
ABSO	Anti Lock Brakes OBD	CAN-C	68352786AA	2C4RC1N	2C4RC1N	68352786AA
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	91 05 01	4459	A9D022BF
ICS	USA	0F 0C 00	11 16 00	4400	
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	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
AMP	USA	0F 05 01	12 1A 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	
HSM	USA / USA	15 12 00	12 05 01	4003	
RADIO	USA	12 21 24	12 21 24	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	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM		0E 03 00	12 07 04	4005	FEDBFE12
HCP	USA	11 1D 07	12 29 01	4004	5222F843 EBC2A42D 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 16 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1D 07	12 29 01	4000	
EBBM	USA	0E 19 02	11 18 14	4000	BBFD096B
ABSO	USA	0E 15 02	11 0B 16	4201	A1B31723
SGW		5	564	4102	

CONFIGURATION

PCM CONFIGURATION

NAME	VALUE	UNITS
Active Exhaust Pressure Sensor Equipped	False	
Secondary Mass Airflow Sensor Equipped	False	
Active Exhaust Valve(s) Equipped	False	
Electronic Parking Brake Equipped	True	
Wastegate HBridge Equipped	False	
Mechanical Coolant Pump Equipped	False	
High Side Port Tumble Valve Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Heater Temp Control Valve Equipped	False	
Bi-Directional Crank Sensor Equipped	True	

5 Button Cruise (LIN) Equipped	True	
Mass Airflow System Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
Make Up Air Sensor Equipped	False	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
Brake Pedal Sensor Equipped	False	
Power Steering Angle Sensor Mandatory	False	
INTAKE O2 SENSOR EQUIPPED	False	
CUSW 4-Button Cruise Equipped	False	
Clutch Sensor Equipped	False	
Operator Idle Speed Request Equipped	False	
Cylinder Pressure Sensor Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
1.0 Liter I3 Engine	False	
2.0 Liter I4 Direct Injection Engine	False	
Variable Valve Lift Equipped	Not Equipped	
Primary Lin Alternator Equipped	Not Equipped	
Coolant On-Off Pump Equipped	Not Equipped	
6.2 Liter V8 Engine	False	
GPEC4 Equipped	False	
ESIM Equipped	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
EMAT (Getrag DCT transmission) Equipped	False	
1.0 Liter I3 Engine	False	
Manual Transmission Equipped	False	
WI4 Variable Valve Timing Equipped	True	
Powernet Equipped	True	
Secondary Fuel Pump Equipped	False	
VFS Actuators Available Indicator	False	
Active Engine Mount Equipped	False	
Variable Speed Fuel Pump Equipped	True	
Intake Cam 1 Equipped	True	
Mechanical Coolant Pump Heater Equipped	False	
Fiat VIN Learning Strategy Equipped	False	
Battery Temp Sensor Equipped	False	
Exhaust Cam 2 Equipped	True	
Transmission Oil Heater Equipped	False	
Unleaded Gasoline Fuel	True	
Wide Range O2 Sensor 1/1 Equipped	False	
TIP Equipped	False	
6.1 Liter V8 Engine	False	
Active Exhaust Valve Equipped	False	
Linear EGR Equipped	False	

Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Low Temperature Radiator Coolant Pump Equipped	False	
Electronic Coolant Pump Equipped	False	
Trans Skip Shift Equipped	False	
CUSW PROXI Write Programming Support Enabled	False	
ERS Equipped Indicator	False	
Dual Stage Oil Pump Equipped	True	
Auxiliary Heater Electric Water Pump Equipped	False	
Engine Software In Package	True	
Variable Displacement AC Equipped	False	
Duty Cycle Purge Valve Equipped	True	
HPT 6-Speed Transmission Equipped	False	
Engine Stop Start Equipped	False	
Wastegate H-Bridge Equipped	False	
1.8 Liter WI4 engine	False	
Continuous Variable Transmission Equipped	False	
Engine Idle Shutoff Equipped	False	
Trans Reverse Lockout Equipped	False	
66RFE / 68RFE	False	
42RLE	False	
Electronic Throttle Control Equipped	True	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
2 Liter Continuous Variable Transmission Equipped	False	
VLP Equipped Indicator	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
4 Button Integrated Cruise Control	False	
CUSW (29-Bit) Equipped	False	
Auxiliary Coolant Pump Heater Equipped	False	
ZF 9-Speed Transmission Equipped	False	
A/C Equipped	True	
Sensorless FFV Enabled	False	
45RFE / 545RFE / 65RFE	False	
4.0 Liter V6 Engine	False	
Clutch Interlock Switch Equipped	False	
Active Grille Shutter Equipped	True	
Adaptive Cruise Control Equipped	False	
High Side Port Tumble Valve Equipped	False	
Linear PWM Fan Relay System Equipped	False	
Electric Water Pump Equipped	False	
Yaw Rate Sensor ESC Equipped	False	
Adaptive Cruise Control Hardware Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Exhaust Cam 1 Equipped	True	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	

O2 Sensor Bank 1 Sensor 3 Equipped	False	
Electric Thermostat Heater Equipped	False	
A580 Transmission Equipped	False	
5.7 Liter V8 Engine	False	
3.6 Liter V6 Engine	True	
VMM Equipped	False	
Wide Range O2 Sensor 2/1 Equipped	False	
Tumble Generator Valve Equipped	False	
Unleaded diesel fuel	False	
Electronic Automatic Transmission (EATX) Equipped	False	
WI4 Intake Flow Control Valve Equipped	False	
4.7 Liter V8 Engine	False	
CMCV H-Bridge Equipped	False	
Fan Wake Up Relay System Equipped	False	
3.8 Liter V6 Engine	False	
MTV Solenoid Equipped	False	
40TE / 41TE / 41TEA	False	
3.0 Liter V6 Engine	False	
2.7 Liter V6 Engine	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
4.0 Liter I6 Engine	False	
2 Speed Fan PWM Relay System Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
Starter Relay 2 Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
Cummins Equipped	False	
3.3 Liter V6 Engine	False	
SRV Equipped	False	
Vehicle Speed Sensor #1 Calculated from CAN	False	
62TE	False	
Dual Fuel Pressure Sensor Equipped	False	
Coolant On-Off Valve Equipped	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
ETC Cruise equipped	True	
Linear Purge Equipped	False	
Rear Heater Equipped	False	
Power Steering Switch Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
Police Package Equipped	False	
4 Speed Automatic Transmission Equipped	False	
Operator Idle Speed Request Equipped	False	
Cooled EGR Equipped	False	

Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
6.4 Liter V8 Engine	False	
Secondary Air Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
CUSW (11-Bit) Equipped	False	
Inrush Current Reduction Relay Equipped	False	
2.4 Liter W14 engine	False	
Shift Indicator Lamp Equipped	False	
MultiAir Equipped	False	
Fiat 940 Compact Equipped	False	
Barometric Sensor Equipped	False	
2.0 Liter W14 engine	False	
GPEC2 Equipped	False	
Direct Injection Equipped	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
3.5 Liter V6 Engine	False	
Compressed Natural Gas Equipped	False	
ICC Cruise Equipped	False	
3 Speed Fan Mechanical Relay System Equipped	False	
Knock Sensor 2 Equipped	True	
Transmission Software Included	False	
Oil Pressure Sensor Enabled	True	
Supercharger Equipped	False	
Electronic Vacuum Pump Equipped	False	
Port Flap Valve Equipped	False	
Fixed displacement AC Equipped	True	
Brake Pedal Sensor Equipped	False	
AC Equipped Over Bus	False	
PWM Fan Motor System Equipped	True	
Intake Cam 2 Equipped	True	
3.7 Liter V6 Engine	False	
3.2 Liter V6 Engine	False	
Viscosity Sensor Equipped	False	
Electric Coolant Valve Equipped	False	
Primary Lin Alternator Equipped	False	
Hybrid Electric Vehicle Equipped	True	
1 Speed Fan Mechanical Relay System Equipped	False	
GPEC2A Equipped	True	
GPEC3 Equipped	False	
Dual Speed Fuel Pump Equipped	False	
Knock Sensor 1 Equipped	True	
VLP Is Learnable Indicator	False	
Turbine Volute Valve Actuator Equipped	False	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	

AC Equipped	False	
MDS Equipped	False	
Engine Oil Heater Cooler Equipped	False	
PTO System Equipped	False	
2 Speed Fan Mechanical Relay System Equipped	False	
Constant Heater Temperature Control Valve Equipped	False	
Next Gen Bus Equipped	False	
Coolant On-Off Pump Equipped	False	
Auxiliary Coolant Pump Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Dual Fuel Tank Equipped	False	
Turbocharger Equipped	False	
Cooled EGR Equipped	False	
Hybrid MEC Shifter Equipped	False	
Engine Idle Shutoff Equipped	False	
Low Temp Radiator Coolant Pump Equipped	False	
Supercharger Equipped	False	
PTO System Equipped	False	
HPT 6-Speed Trans Equipped	False	
Dual Fuel Tank Equipped	False	
ZF 9-Speed Trans Equipped	False	
Dual Alternator Gen1 Capable	False	
A/C Relay Powered from Engine Switched Battery	False	
CNG Large Gas Tank Equipped	False	
Auxillary Coolant Pump Equipped	False	
Remote Start Present	Present	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
Hardware Configuration: Trunk Door Handle H/W	Simple Switch AP	
Hardware Configuration: Remote Start Antenna	Present	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Valid Key In Ignition	Yes	
Fob Location #3 Successfully Programmed	Yes	

Fob Location #5 Key sense status	Fob is NOT Key Sense	
Secret Key Sent to Body Controller - Original attempt	Yes	
Fob Location #7 Key sense status	Fob is NOT Key Sense	
Fob Location #3 Key sense status	Fob is Key Sense	
Fob Location #7 Successfully Programmed	No	
Fob Location #6 Successfully Programmed	No	
Fob Location #5 Successfully Programmed	No	
Fob Location #8 Key sense status	Fob is NOT Key Sense	
PIN Successfully Programmed	Yes	
RFHub Locked	RFHUB Locked after IAC write	
Fob Location #1 Key sense status	Fob is NOT Key Sense	
Fob Location #4 Key sense status	Fob is NOT Key Sense	
Fob Location #6 Key sense status	Fob is NOT Key Sense	
Fob Location #1 Successfully Programmed	Yes	
Secret Key Sent to Body Controller - Most recent attempt	Yes	
Fob Location #2 Successfully Programmed	Yes	
Fob Location #4 Successfully Programmed	No	
Fob Location #2 Key sense status	Fob is NOT Key Sense	
VIN Successfully Programmed	Yes	
Fob Location #8 Successfully Programmed	No	
Base TPM	False	
Auto Park Present	True	
e-shifter present	True	
Secret Codes Programmed	True	
KeySense Configuration	True	
Ignition system type connected	KIN system	
RKE	True	
Remote Start Present	True	
\$0214 Programmed by	Programmed by Supplier EOL	
TPM Auto-Locate Enabled	True	
Keyless Go	True	
Passive Entry	True	
Hybrid Type	PHEV	
Module Configuration Status	True	
Premium TPM	True	
Back Up ECU Configuration 16	True	
Back Up ECU Configuration 14	True	
Back Up ECU Configuration 7	True	
Back Up Vehicle Config 1	True	
Back Up ECU Configuration 10	True	
Back Up ECU Configuration 11	True	
Back Up Vehicle Config 4	True	
Back Up Vehicle Config 3	True	
Back Up Customer Settings Menu 1 (CSM1)	True	

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

ORC CONFIGURATION

NAME	VALUE	UNITS
Rollover Sensing	Configured	
Left Side Seat Squib 1	Configured	
Left B-Pillar Impact Acceleration Sensor	Configured	
Passenger Seat Track Position Sensor	Configured	
Second Row Left seat belt Switch	Not Configured	
Driver Knee Bolster Squib	Configured	
Driver Seatbelt Buckle Pretensioner	Not Configured	
Second Row Right Seat Side Airbag	Not Configured	
Driver Seatbelt Anchor Pretensioner	Configured	
Passenger Seatbelt Retractor Pretensioner	Configured	
Right Up-Front Acceleration Sensor	Configured	
Passenger Seatbelt Anchor Pretensioner	Configured	
Driver Seatbelt Load Limiter	Configured	
Driver Frontal Squib 3	Configured	
Passenger Knee Bolster Squib	Configured	
Driver Seatbelt Retractor Pretensioner	Configured	
Left Side Door Pressure Sensor	Configured	
Second Row Center seat belt Switch	Not Configured	
Right Curtain Squib 1	Configured	
Passenger Airbag Disable Indicator	Not Configured	
Right Side Door Pressure Sensor	Configured	
Driver Seat Track Position Sensor	Configured	

Left D-Pillar Impact Acceleration Sensor	Configured	
Right D-Pillar Impact Acceleration Sensor	Configured	
Passenger Occupant Detection Sensor	Not Configured	
Passenger Airbag Disable Switch	Not Configured	
Right Side Seat Squib 1	Configured	
Passenger Frontal Squib 4	Not Configured	
Passenger Frontal Squib 2	Configured	
Right B-Pillar Impact Acceleration Sensor	Configured	
Passenger Seatbelt Buckle Pretensioner	Not Configured	
Right C-Pillar Impact Acceleration Sensor	Configured	
Passenger Frontal Squib 1	Configured	
First Row Passenger Seatbelt Buckle Switch	Configured	
Second Row Right seat belt Switch	Not Configured	
Occupant Classification (OCM)	Configured	
Passenger Seatbelt Load Limiter	Configured	
Driver Frontal Squib 4	Not Configured	
Second Row Left Seat Side Airbag	Not Configured	
Left Up-Front Acceleration Sensor	Configured	
Driver Frontal Squib 1	Configured	
Passenger Frontal Squib 3	Configured	
EPPM	Not Configured	
Driver Frontal Squib 2	Configured	
Configuration Column Identifier	A3	
Left Curtain Squib 1	Configured	
First Row Driver Seatbelt Buckle Switch	Configured	
Left C-Pillar Impact Acceleration Sensor	Configured	

EPS CONFIGURATION

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

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
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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
Current EQ Checksum	6F F1 A3 D1	
ANC Status	Off - Door Mute	
Left/Right Hand Drive	Left Hand Drive	
Premium - 3	True	
Premuim - 1 (8 channel)	False	
Premuim - 2 (12 Channel)	False	
Non -ANC	False	
Current ANC Calibration ID - Service	RU PHEV 3.6L: Tripane Sunroof & Harman AMP	
Surround Sound Activated	Set	
Sub-EQ Set Selected	Sub-EQ#6 Selected	
Cabin Equalization Curve Number	53	
Teen Key Present	False	
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	25	
ANC Calibration Date - Patch Level	3	

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	False	
Rear System with 6 Front Sensors	False	

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	Not 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	Rear / REAR	
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	Set	
Flipper Glass Present	Not Set	
Rain Sensor Present	Not 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	Not 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	Not 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	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	None	
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	Not 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	Not 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	Sahara	
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	Set	
Auto Wipers	Not Set	
Auto Highbeam	Not Set	
Auto Unlock	Set	
Sliding Door Chime Enable	Set	
Sound Horn On Lock Status	Chirp on 1st press/FIRST	
Auto Lock	Set	
Illuminated Approach Time	30	seconds
Unlock all doors on 1st press	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	Not 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	Not Set	
OCM	Set	
SCCM	Set	
PTS	Set	
ACC	Not 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
GPS on the Bus messaging Authorization	Allowed	
Compass on the bus messaging Authorization	Allowed	
Satellite Subscription Status	Subscribed	
Satellite Subscription ID	5W0V5DR6	
Satellite Subscription Reason Code	00	
Satellite Subscription Suspend Day	01	
Satellite Subscription Suspend Month	01	
Satellite Subscription Suspend Year	46	
Aux Jack	Not Inserted	
SD Card Readers Detected	0	No Unit
Enumerated USB Devices	0	No Unit
USB Hubs Detected	1	No Unit
DTV Short Term Configuration	—	
911 Button	On	
Splash Screen	Chrysler	
Cabin EQ Curve Number Currently Used by Radio	35	
Clock Defeat	Off	
Anti-Theft Enable Status	On	
12/24 Time Selection	12 Hour Time	
Front Seat Video Playback	Enabled	
Automated Loudness	On	
SDARS	True	
Navigation Active	True	
Cellular	True	
Application Framework	True	
Bluetooth	True	
Internal CD Player	False	
FM Diversity	False	

Wi-Fi

True

HVACR CONFIGURATION

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

EDM CONFIGURATION

NAME	VALUE	UNITS
Intrusion module	Not Present	
Blind-Spot Module	Not Present	
Video Ent. System Screen 1 Module	Not Present	
Heating Ventilation Air Conditioning	Not Present	
Integrated Center Stack Module	Not Present	
Passenger Door Control Module	Not Present	
Vehicle System Interface Module	Not Present	
Rear Body Controller Module	Not Present	
Convergence Telematics Module	Not Present	
Driver Door Control Module	Not Present	
CAN I in-dash disc player module	Present	
Right Rear Door Control Module	Not Present	
Left Power Sliding Door Module	Not Present	
Common Body Controller Int Bus	Not Present	
Left Rear Door Control Module	Not Present	
Memory Seat Module	Not Present	
Amplifier Module	Not Present	
Comfot Seats and Wheel Module	Not Present	
Power Liftgate Module	Not Present	
Power Top Control Module	Not Present	
Right Power Sliding Door Module	Not Present	
Folding Seat Module	Not Present	
Video Ent. System Screen 2 Module	Not Present	
Radio	Present	
VES	False	
VRM	False	
E-Mode Feature Present	False	
Remote Start Present	False	
Vehicle Line	RU	
Body Style	Station Wagon	

Left/Right Hand Drive	Not Programmed	
Vehicle Brand Type	Chrysler	

RCCC CONFIGURATION

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

ABSO CONFIGURATION

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



VEHICLE SCAN REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1N [REDACTED]

Odometer 4972.3 miles
Publication Date Aug 17, 2020, 11:17:00 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRE	ORIGINA	PART #
PCM	Powertrain Control Module	CAN-C	68416681AE	2C4RC1	2C4RC1N	68416681AE
ICS	Integrated Center Stack	CAN-I	6EV301X8AB	2C4RC1	2C4RC1N	6EV301X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AC	2C4RC1	2C4RC1N	68383680AC
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1	2C4RC1N	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1	2C4RC1N	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1	2C4RC1N	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1	2C4RC1N	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1	2C4RC1N	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1	2C4RC1N	68316558AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1	2C4RC1N	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1	2C4RC1N	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1	2C4RC1N	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1	2C4RC1N	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1	2C4RC1N	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1	2C4RC1N	68316094AF
AMP	Amplifier	CAN-I	68440634AA	2C4RC1	2C4RC1N	68440634AA
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1	2C4RC1N	68405292AC
PTS	Parktronics	CAN-C	68193772AJ	2C4RC1	2C4RC1N	68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AC	2C4RC1	2C4RC1N	68360889AC
BCM	Body Controller	CAN-C	68402177AB	2C4RC1	2C4RC1N	68402177AB
HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1	2C4RC1N	68421106AA

RADIO	Radio	CAN-I	68401447AB	2C4RC1		2C4RC1		68401447AB
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N		2C4RC1		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N		2C4RC1		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1		04672786AB
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N		2C4RC1		68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N		2C4RC1		05185046AB
BPCM	Battery Pack Control Module	CAN-C	68429967AD	2C4RC1N		2C4RC1		68429967AD
HCP	Hybrid Control Processor	CAN-C	05190240AN	2C4RC1N		2C4RC1		05190240AN
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N		2C4RC1		05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N		2C4RC1		68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N		2C4RC1		68316174AB
VRM	Video Routing Module	CAN-I	68376134AE	2C4RC1N		2C4RC1		68376134AE
RCCC	Rear Cabin Comfort Controls	CAN-I	68395990AA	2C4RC1N		2C4RC1		68395990AA
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N		2C4RC1		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AN	2C4RC1N		2C4RC1		05190241AN
EBBM	Electronic Brake Booster Module	CAN-C	68240033AJ	2C4RC1N		2C4RC1		68240033AJ
ABSO	Anti Lock Brakes OBD	CAN-C	68352786AA	2C4RC1N		2C4RC1		68352786AA
SGW	Security Gateway Module	CAN-C	68420261AA			2C4RC1		68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	91 05 01	4459	A9D022BF
ICS	USA	0F 0C 00	11 16 00	4400	
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	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
AMP	USA	0F 05 01	12 1A 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	
HSM	USA / USA	15 12 00	12 05 01	4003	
RADIO	USA	12 21 24	12 21 24	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	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM		0E 03 00	12 07 04	4005	FEDBFE12
HCP	USA	11 1D 07	12 29 01	4004	5222F843 EBC2A42D 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 16 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1D 07	12 29 01	4000	
EBBM	USA	0E 19 02	11 18 14	4000	BBFD096B
ABSO	USA	0E 15 02	11 0B 16	4201	A1B31723
SGW		5	564	4102	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
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ENVIRONMENTAL DATA SUMMARY

SNAPSHOT DATA SUMMARY



VEHICLE SCAN REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1[REDACTED]

Odometer 4972.0 miles
Publication Date Jul 29, 2020, 12:36:18 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68416681AE	2C4RC1	2C4RC1N7	68416681AE
ICS	Integrated Center Stack	CAN-I	6EV301X8AB	2C4RC1	2C4RC1N7	6EV301X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AC	2C4RC1	2C4RC1N7	68383680AC
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1	2C4RC1N7	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1	2C4RC1N7	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1	2C4RC1N7	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1	2C4RC1N7	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1	2C4RC1N7	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1	2C4RC1N7	68316558AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1	2C4RC1N7	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1	2C4RC1N7	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1	2C4RC1N7	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1	2C4RC1N7	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1	2C4RC1N7	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1	2C4RC1N7	68316094AF
AMP	Amplifier	CAN-I	68440634AA	2C4RC1	2C4RC1N7	68440634AA
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1	2C4RC1N7	68405292AC
PTS	Parktronics	CAN-C	68193772AJ	2C4RC1	2C4RC1N7	68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AC	2C4RC1	2C4RC1N7	68360889AC
BCM	Body Controller	CAN-C	68402177AB	2C4RC1	2C4RC1N7	68402177AB
HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1	2C4RC1N7	68421106AA

RADIO	Radio	CAN-I	68401447AB	2C4RC1		2C4RC1N		68401447AB
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1		2C4RC1N		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1		2C4RC1N		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1		2C4RC1N		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1		2C4RC1N		04672786AB
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1		2C4RC1N		68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1		2C4RC1N		05185046AB
BPCM	Battery Pack Control Module	CAN-C	68429967AD	2C4RC1		2C4RC1N		68429967AD
HCP	Hybrid Control Processor	CAN-C	05190240AN	2C4RC1		2C4RC1N		05190240AN
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1		2C4RC1N		05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1		2C4RC1N		68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1		2C4RC1N		68316174AB
VRM	Video Routing Module	CAN-I	68376134AE	2C4RC1		2C4RC1N		68376134AE
RCCC	Rear Cabin Comfort Controls	CAN-I	68395990AA	2C4RC1		2C4RC1N		68395990AA
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1		2C4RC1N		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AN	2C4RC1		2C4RC1N		05190241AN
EBBM	Electronic Brake Booster Module	CAN-C	68240033AJ	2C4RC1		2C4RC1N		68240033AJ
ABSO	Anti Lock Brakes OBD	CAN-C	68352786AA	2C4RC1		2C4RC1N		68352786AA
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	91 05 01	4459	A9D022BF
ICS	USA	0F 0C 00	11 16 00	4400	
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	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
AMP	USA	0F 05 01	12 1A 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	
HSM	USA / USA	15 12 00	12 05 01	4003	
RADIO	USA	12 21 24	12 21 24	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	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM		0E 03 00	12 07 04	4005	FEDBFE12
HCP	USA	11 1D 07	12 29 01	4004	5222F843 EBC2A42D 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 16 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1D 07	12 29 01	4000	
EBBM	USA	0E 19 02	11 18 14	4000	BBFD096B
ABSO	USA	0E 15 02	11 0B 16	4201	A1B31723
SGW		5	564	4102	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	P06E4	Control Module Wake-up Circuit Performance	Stored
PCM	B2101	Ignition Run/Start Input Circuit Low	Stored
RFH	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
EPS	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
HVAC	U0422-00	Implausible Data Received From Body Control Module-	Stored
IPC	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
PTS	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
PTS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
BCM	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
RADIO	B280B-00	NTSC Video Input-	Stored
RADIO	U0100-00	Lost Communication With ECM/PCM "A"-	Stored

OCM	B2206-00	Current VIN Missing / Mismatch-	Stored
LBSS	U0140-00	Lost Communication With Body Control Module-	Stored
RBSS	U0140-00	Lost Communication With Body Control Module-	Stored
HCP	P061B-00	Internal Control Module Torque Calculation Performance-	Stored
HCP	P079B-00	Transmission Friction Element 2 Slip Detected-	Active
HCP	P0A7D-00	Hybrid Battery Pack State of Charge Low-	Stored
HCP	P0C2F-00	Internal Control Module Drive Motor/Generator - Engine Speed Sensor Performance-	Stored
HCP	P1AC7-00	Crankshaft Position Signal Sensor Performance-	Stored
DSM	U0140-00	Lost Communication With Body Control Module-	Stored
VRM	U0422-00	Implausible Data Received From Body Control Module-	Stored
VRM	B15AB-00	Lost Low Voltage Differential Signal (LVDS) Connection with Display 2-	Stored
VRM	B15AA-00	Lost Low Voltage Differential Signal (LVDS) Connection with Display 1-	Stored
EBBM	U0401-00	Implausible Data Received From ECM/PCM "A"-	Stored
EBBM	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
EBBM	U1818-00	Lost Communication With ECM/PCM on D-PT CAN-	Stored
ABSO	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
ABSO	U1818-00	Lost Communication With ECM/PCM on D-PT CAN-	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | P06E4 | Stored | Control Module Wake-up Circuit Performance

NAME	VALUE	UNITS
DTC	06 E4	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Number of DTC	1	
Ignition Key Cycles	27	
Odometer	4955.1	miles
Warm Up Cycles	0	
Accumulation Timer	0	minutes
Good Trip Counter	0	
Key Cycles Since DTC Last Set Counter	28	
Starts Since Set Counter	23	

PCM | B2101 | Stored | Ignition Run/Start Input Circuit Low

NAME	VALUE	UNITS
DTC	A1 01	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	Off	
Odometer	4955.1	miles
Accumulation Timer	5	minutes
Number of DTC	1	

Warm Up Cycles	0	
Ignition Key Cycles	28	
Starts Since Set Counter	23	
Key Cycles Since DTC Last Set Counter	28	
Good Trip Counter	0	

RFH | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

NAME	VALUE	UNITS
Confirmed DTC	True	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Test Not Completed This Operation Cycle	False	
Frequency Counter	2	
Ignition Cycle Counter	19	
Most Recent Odometer Value	4971	miles
Original Odometer Value	4971	miles

EPS | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
DTC	C1 00 00	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
Supplier Internal Fault Code	01 29 01	
Ignition Cycle Counter	19	
Original Odometer Value	4971	miles
Most Recent Odometer Value	4971	miles
EPS Internal Filtered Vehicle Speed	0.000	MPH
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	533.73	Deg
EPS Measured Module Voltage	14.05	V
EPS Steering Wheel Velocity	-0.00	deg/s
EPS System Current Draw	0	A

Frequency Counter	30	
EPS Measured Module Temperature	124.9	°F
CAN Battery Voltage	14.0	Volts
EPS Steering Wheel Torque	0.7605	Ft-Lbs

HVAC | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Failed	False	
Pending DTC	False	
Confirmed DTC	True	
Warning Indicator Requested	False	
Occurrence flag	Error	
Test Failed Since Last Clear	True	
Most Recent Odometer Value	4971	miles
Frequency Counter	2	
Ignition Cycle Counter	22	
Original Odometer Value	4971	miles

IPC | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

NAME	VALUE	UNITS
Test Failed	False	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	True	
DTC Extended Data Record Number - All	FF	
Occurrence flag	Occurrence	
Most Recent Odometer Value	4971	miles
Frequency Counter	2	
Ignition Cycle Counter	21	
Original Odometer Value	4971	miles

PTS | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
DTC	C1 00 00	
Test Failed	False	
Confirmed DTC	True	

Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	Occurrence	
Most Recent Odometer Value	4971	miles
Original Odometer Value	0	miles
DC/DC Converter Voltage	02	Volt
Frequency Counter	3	

PTS | U0415-00 | Stored | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-

NAME	VALUE	UNITS
DTC	C4 15 00	
Test Failed	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	Occurrence	
Original Odometer Value	0	miles
Most Recent Odometer Value	4971	miles
Frequency Counter	2	
DC/DC Converter Voltage	02	Volt

BCM | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

NAME	VALUE	UNITS
Test Failed	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Error	
Warning Indicator Requested	False	
Ignition Cycle Counter	19	
Original Odometer Value	4971	miles

Most Recent Odometer Value	4971	miles
Frequency Counter	2	

RADIO | B280B-00 | Stored | NTSC Video Input-

NAME	VALUE	UNITS
DTCTable	A8 0B 00	
TestFailed	False	
Confirmed DTC	True	
TestFailedThisMonitoringCycle	False	
Pending DTC	False	
Warning Indicator Requested	False	
Occurance Flag	Occurrence	
Test Not Completed This Monitoring Cycle	False	
DTCExtendedDataRecordNumber	FF	
Reserved	Reserved	
RDI \$6080	60 80	
Event Counter	62	
Frequency Counter	77	
Ignition Counter	0	
Original Odometer Value	4881	miles
Most Recent Odometer Value	4971	miles

RADIO | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

NAME	VALUE	UNITS
DTCTable	C1 00 00	
TestFailedThisMonitoringCycle	False	
TestFailed	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	FF	
Occurance Flag	Occurrence	
Reserved	Reserved	
RDI \$6080	60 80	
Event Counter	64	
Original Odometer Value	4971	miles
Most Recent Odometer Value	4971	miles
Ignition Counter	0	
Frequency Counter	30	

OCM | B2206-00 | Stored | Current VIN Missing / Mismatch-

NAME	VALUE	UNITS
Confirmed DTC	True	

Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Occurrence flag	Error	
Original Odometer Value	4971	miles
Ignition Cycle Counter	22	
Frequency Counter	2	
Most Recent Odometer Value	4971	miles

LBSS | U0140-00 | Stored | Lost Communication With Body Control Module-

NAME	VALUE	UNITS
Pending DTC	False	
Test Failed	False	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
DTC Extended Data Record Number - All	01	
Most Recent Odometer Value	4971	miles
Frequency Counter	30	
Original Odometer Value	4971	miles
Operation Cycle Counter	19	

RBSS | U0140-00 | Stored | Lost Communication With Body Control Module-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Confirmed DTC	True	
DTC Extended Data Record Number - All	01	
Original Odometer Value	4971	miles
Most Recent Odometer Value	4971	miles
Frequency Counter	30	

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	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	N	
Propulsion System Active	True	
HCP ePT Wake-Up Output	On	
HCP System Shutdown Command	Default	
CBC Wake-Up Input	On	
SW Build Release Version	PIMC19A1809p0_1809A_RU_H	
HCP SW Version	1809A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Propulsion System Active	
PHEV Charging Status	No Charging	
Original Odometer Value	4972.0	miles
Most Recent Odometer Value	4972.0	miles
Frequency Counter	3	
Ignition Cycle Counter	0	
Real time clock	44278816	sec
RAM stamps keyOn	0	sec
Accelerator Pedal Position	0	%
RAM Stamps	69730	Min
Engine Speed	0	rpm
HV Battery SOC	17	%
Vehicle Speed	0.5291	MPH
Motor A Temp Sensor	82	°F
Motor B Temp Sensor	81	°F

Barometric Pressure	15	PSI
Engine Coolant Temperature	81	°F
Internal EPS Voltage Sense A	8.136	Volts
Motor A Torque	0.277	Ft-Lbs
Motor B Torque	-43.418	Ft-Lbs
Internal EPS Voltage Sense B	7.992	Volts
Actual Torque - Motor A	0.277	Ft-Lbs
Actual Torque - Motor B	-43.418	Ft-Lbs
Available Motor Torque - Motor B	235.988	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-235.988	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	-45.999	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	284	Degree
Motor A Resolver Angle	340	Degree
PIM DC Link Voltage - A	338	Volts
Electric Motor B Speed	62.0	rpm
Electric Motor A Speed	-68.5	rpm
PIM DC Link Voltage - B	337	Volts
HV Battery Voltage from BPCM	337.60	Volts
Outside Air Temperature	87.8	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	14.400	Volts
Battery Feed Voltage 2 Sense	14.328	Volts
Battery Feed Voltage 3 Sense	14.184	Volts
Inverter A IGBT Temperature for phase C	88	°F
Inverter A IGBT Temperature for phase B	88	°F
Inverter A IGBT Temperature for phase A	88	°F
Inverter B IGBT Temperature for phase A	88	°F
Inverter B IGBT Temperature for phase B	88	°F
Inverter B IGBT Temperature for phase C	88	°F
GPS Date - Year	0	Year
Distance Travelled with Light ON	0	miles
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds

UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
DTC	07 9B 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test 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	Reserved	
PRND Position Display	P	
Propulsion System Active	True	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1809p0_1809A_RU_H	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HCP SW Version	1809A	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Propulsion System Active	
PHEV Charging Status	No Charging	
Original Odometer Value	4972.0	miles
Most Recent Odometer Value	4972.0	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
RAM stamps keyOn	585	sec
Real time clock	43528020	sec
RAM Stamps	69671	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	23	%
Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	144	°F

Motor A Temp Sensor	145	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	180	°F
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	7.776	Volts
Motor A Torque	6.084	Ft-Lbs
Motor B Torque	7.559	Ft-Lbs
Actual Torque - Motor A	6.084	Ft-Lbs
Actual Torque - Motor B	7.559	Ft-Lbs
Available Motor Torque - Motor A	85.730	Ft-Lbs
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Available Motor Torque - Motor B	232.393	Ft-Lbs
Available Regen Torque - Motor B	-232.393	Ft-Lbs
Commanded Torque - Motor A	6.084	Ft-Lbs
Commanded Torque - Motor B	7.559	Ft-Lbs
Motor A - Inverter Current - phase A	-36	AMP
Motor A - Inverter Current - phase B	12	AMP
Motor A - Inverter Current - phase C	20	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-20	AMP
Motor B - Inverter Current - phase C	16	AMP
Motor B Resolver Angle	170	Degree
Electric Motor A Speed	4575.0	rpm
Motor A Resolver Angle	82	Degree
PIM DC Link Voltage - A	341	Volts
PIM DC Link Voltage - B	340	Volts
Electric Motor B Speed	1.5	rpm
Outside Air Temperature	86.0	°F
HV Battery Voltage from BPCM	340.70	Volts
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	14.184	Volts
Battery Feed Voltage 2 Sense	14.112	Volts
Inverter A IGBT Temperature for phase A	117	°F
Battery Feed Voltage 3 Sense	13.968	Volts
Inverter A IGBT Temperature for phase B	117	°F
Inverter B IGBT Temperature for phase A	113	°F
Inverter A IGBT Temperature for phase C	117	°F
Inverter B IGBT Temperature for phase B	113	°F
Inverter B IGBT Temperature for phase C	117	°F
Distance Travelled with Light ON	0	miles
GPS Date - Month	1	
GPS Date - Year	0	Year
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours

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

HCP | POA7D-00 | Stored | Hybrid Battery Pack State of Charge Low-

NAME	VALUE	UNITS
DTC	0A 7D 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	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
Ignition State	Ignition Lock	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1809p0_1809A_RU_H	
HCP SW Version	1809A	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	4972.0	miles
Frequency Counter	1	
Most Recent Odometer Value	4972.0	miles
Real time clock	44278596	sec
Ignition Cycle Counter	0	
RAM Stamps	69730	Min
RAM stamps keyOn	75	sec
Accelerator Pedal Position	0	%
HV Battery SOC	17	%
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH

Motor A Temp Sensor	82	°F
Barometric Pressure	15	PSI
Motor B Temp Sensor	81	°F
Engine Coolant Temperature	79	°F
Internal EPS Voltage Sense B	7.920	Volts
Motor A Torque	-0.092	Ft-Lbs
Internal EPS Voltage Sense A	8.136	Volts
Actual Torque - Motor A	-0.092	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.393	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.393	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 A	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B Resolver Angle	22	Degree
Motor A Resolver Angle	194	Degree
Electric Motor B Speed	6.5	rpm
Electric Motor A Speed	-7.5	rpm
PIM DC Link Voltage - B	337	Volts
HV Battery Voltage from BPCM	337.60	Volts
PIM DC Link Voltage - A	338	Volts
Outside Air Temperature	87.8	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 3 Sense	13.680	Volts
Battery Feed Voltage 1 Sense	13.968	Volts
Battery Feed Voltage 2 Sense	13.896	Volts
Inverter A IGBT Temperature for phase B	86	°F
Inverter A IGBT Temperature for phase C	86	°F
Inverter A IGBT Temperature for phase A	86	°F
Inverter B IGBT Temperature for phase A	88	°F
Inverter B IGBT Temperature for phase B	88	°F
Inverter B IGBT Temperature for phase C	93	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days

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

HCP | P0C2F-00 | Stored | Internal Control Module Drive Motor/Generator - Engine Speed Sensor Performance-

NAME	VALUE	UNITS
DTC	0C 2F 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	D	
Propulsion System Active	True	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1809p0_1809A_RU_H	
HCP SW Version	1809A	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Propulsion System Active	
PHEV Charging Status	No Charging	
Original Odometer Value	4971.3	miles
Most Recent Odometer Value	4971.3	miles
Frequency Counter	1	
Real time clock	43524252	sec
Ignition Cycle Counter	0	
RAM stamps keyOn	465	sec
RAM Stamps	69656	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	25	%

Vehicle Speed	34.9133	MPH
Motor A Temp Sensor	158	°F
Motor B Temp Sensor	147	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	194	°F
Internal EPS Voltage Sense B	7.848	Volts
Internal EPS Voltage Sense A	8.136	Volts
Motor A Torque	4.978	Ft-Lbs
Motor B Torque	6.084	Ft-Lbs
Actual Torque - Motor A	4.978	Ft-Lbs
Actual Torque - Motor B	6.084	Ft-Lbs
Available Motor Torque - Motor A	87.021	Ft-Lbs
Available Motor Torque - Motor B	204.738	Ft-Lbs
Available Regen Torque - Motor A	-87.021	Ft-Lbs
Available Regen Torque - Motor B	-204.738	Ft-Lbs
Commanded Torque - Motor A	5.070	Ft-Lbs
Motor A - Inverter Current - phase A	28	AMP
Motor A - Inverter Current - phase B	-20	AMP
Motor A - Inverter Current - phase C	-12	AMP
Motor B - Inverter Current - phase A	-12	AMP
Commanded Torque - Motor B	6.176	Ft-Lbs
Motor B - Inverter Current - phase B	16	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	38	Degree
Motor A Resolver Angle	246	Degree
Electric Motor B Speed	3875.0	rpm
Electric Motor A Speed	2920.5	rpm
PIM DC Link Voltage - B	342	Volts
PIM DC Link Voltage - A	343	Volts
HV Battery Voltage from BPCM	342.40	Volts
Outside Air Temperature	86.0	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 2 Sense	14.112	Volts
Battery Feed Voltage 1 Sense	14.184	Volts
Battery Feed Voltage 3 Sense	14.040	Volts
Inverter A IGBT Temperature for phase B	115	°F
Inverter A IGBT Temperature for phase A	117	°F
Inverter B IGBT Temperature for phase B	113	°F
Inverter B IGBT Temperature for phase A	113	°F
Inverter A IGBT Temperature for phase C	117	°F
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase C	115	°F
GPS Date - Month	1	
GPS Date - Year	0	Year

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 | P1AC7-00 | Stored | Crankshaft Position Signal Sensor Performance-

NAME	VALUE	UNITS
DTC	1A C7 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	True	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1809p0_1809A_RU_H	
HCP SW Version	1809A	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Propulsion System Active	
PHEV Charging Status	No Charging	
Original Odometer Value	4971.7	miles
Most Recent Odometer Value	4971.7	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
RAM stamps keyOn	600	sec
Real time clock	43524384	sec
RAM Stamps	69658	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm

HV Battery SOC	23	%
Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	145	°F
Motor A Temp Sensor	147	°F
Engine Coolant Temperature	194	°F
Internal EPS Voltage Sense A	8.136	Volts
Barometric Pressure	14	PSI
Internal EPS Voltage Sense B	7.920	Volts
Motor A Torque	6.084	Ft-Lbs
Actual Torque - Motor A	6.084	Ft-Lbs
Motor B Torque	7.375	Ft-Lbs
Actual Torque - Motor B	7.375	Ft-Lbs
Available Motor Torque - Motor A	85.730	Ft-Lbs
Available Motor Torque - Motor B	232.670	Ft-Lbs
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Available Regen Torque - Motor B	-232.670	Ft-Lbs
Commanded Torque - Motor A	6.084	Ft-Lbs
Commanded Torque - Motor B	7.375	Ft-Lbs
Motor A - Inverter Current - phase A	4	AMP
Motor A - Inverter Current - phase B	-36	AMP
Motor A - Inverter Current - phase C	28	AMP
Motor B - Inverter Current - phase A	-12	AMP
Motor B - Inverter Current - phase C	-8	AMP
Motor B - Inverter Current - phase B	16	AMP
Motor B Resolver Angle	16	Degree
Motor A Resolver Angle	168	Degree
Electric Motor B Speed	3.5	rpm
Electric Motor A Speed	4582.0	rpm
PIM DC Link Voltage - A	341	Volts
PIM DC Link Voltage - B	339	Volts
HV Battery Voltage from BPCM	339.80	Volts
Outside Air Temperature	86.0	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	14.256	Volts
Battery Feed Voltage 2 Sense	14.184	Volts
Battery Feed Voltage 3 Sense	13.968	Volts
Inverter A IGBT Temperature for phase A	118	°F
Inverter B IGBT Temperature for phase A	115	°F
Inverter A IGBT Temperature for phase B	118	°F
Inverter B IGBT Temperature for phase B	118	°F
Inverter A IGBT Temperature for phase C	118	°F
GPS Date - Year	0	Year
Inverter B IGBT Temperature for phase C	115	°F
Distance Travelled with Light ON	0	miles

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

DSM | U0140-00 | Stored | Lost Communication With Body Control Module-

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	C1 40 00	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Frequency Counter	2	
Original Odometer Value	4971	miles
Ignition Cycle Counter	19	
Most Recent Odometer Value	4971	miles

VRM | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS
DTC	C4 22 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	4971	miles
Most Recent Odometer Value	4971	miles
Ignition Cycle Counter	18	
Frequency Counter	2	

VRM | B15AB-00 | Stored | Lost Low Voltage Differential Signal (LVDS) Connection with Display 2-

NAME	VALUE	UNITS
DTC	95 AB 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Most Recent Odometer Value	4901	miles
Original Odometer Value	4901	miles
Frequency Counter	1	
Ignition Cycle Counter	30	

VRM | B15AA-00 | Stored | Lost Low Voltage Differential Signal (LVDS) Connection with Display 1-

NAME	VALUE	UNITS
DTC	95 AA 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	4901	miles
Most Recent Odometer Value	4901	miles
Ignition Cycle Counter	30	
Frequency Counter	1	

EBBM | U0401-00 | Stored | Implausible Data Received From ECM/PCM "A"-

NAME	VALUE	UNITS
DTC	C4 01 00	
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	

Test Failed Since Last Clear	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
Undervoltage Suspected	No	
Mirror Memory	No	
Brake Pedal Applied	Brake Pedal Applied	
iBooster Brake Pedal State	Brake Pedal Applied	
iBooster System Mode	Actuated Mode - iBooster is actually providing a support force	
Original Odometer Value	4971	miles
Ignition Cycle Counter	0	
Frequency Counter	30	
Most Recent Odometer Value	4971	miles
Booster Supply	14.1	V
Fault Time	628.60	S
Ignition	14.1	V
Pedal Travel Sensor Supply	5.0	V
ECU Supply	14.1	V
iBooster ECU Temperature Channel 1	136.7094	°F
iBooster ECU Temperature Channel 2	136.4000	°F
ESP Master Cylinder Pressure	604.52	PSI
iBooster Rotary Position Sensor	FFFF	Deg
Pedal Travel Sensor One	14.3377071	mm_
Vehicle Speed	0.00	MPH
Pedal Travel Sensor Two	14.3552850	mm_
iBooster Boost Body Stroke	14.53	mm_
iBooster Input Rod Stroke	14.43	mm_
iBooster Output Rod Stroke	14.53	mm_
Supplier Internal Code	195	

EBBM | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

NAME	VALUE	UNITS
DTC	C1 00 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
Undervoltage Suspected	No	
Mirror Memory	No	
iBooster System Mode	Actuated Mode - iBooster is actually providing a support force	

Brake Pedal Applied	Brake Pedal Applied	
iBooster Brake Pedal State	Brake Pedal Applied	
Most Recent Odometer Value	4971	miles
Original Odometer Value	4971	miles
Frequency Counter	30	
Fault Time	627.80	S
Booster Supply	14.1	V
Ignition Cycle Counter	0	
ECU Supply	14.1	V
Ignition	14.1	V
Pedal Travel Sensor Supply	5.0	V
iBooster ECU Temperature Channel 2	136.4000	°F
iBooster ECU Temperature Channel 1	136.4281	°F
ESP Master Cylinder Pressure	609.16	PSI
iBooster Rotary Position Sensor	FFFF	Deg
iBooster Output Rod Stroke	14.50	mm_
iBooster Input Rod Stroke	14.41	mm_
Pedal Travel Sensor One	14.3142699	mm_
Pedal Travel Sensor Two	14.3318478	mm_
Vehicle Speed	0.00	MPH
Supplier Internal Code	185	
iBooster Boost Body Stroke	14.55	mm_

EBBM | U1818-00 | Stored | Lost Communication With ECM/PCM on D-PT CAN-

NAME	VALUE	UNITS
Test Failed	False	
DTC	D8 18 00	
Pending DTC	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	False	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Error	
Warning Indicator Requested	False	
Undervoltage Suspected	No	
Mirror Memory	No	
Brake Pedal Applied	brake pedal not applied	
iBooster Brake Pedal State	brake pedal not applied	
iBooster System Mode	Ready Mode - iBooster is ready for actuation	
Original Odometer Value	4971	miles
Ignition Cycle Counter	0	
Most Recent Odometer Value	4971	miles
Fault Time	345.40	S

Frequency Counter	2	
Booster Supply	14.2	V
Ignition	14.1	V
ECU Supply	14.1	V
Pedal Travel Sensor Supply	5.0	V
iBooster ECU Temperature Channel 1	135.9219	°F
iBooster ECU Temperature Channel 2	135.8656	°F
ESP Master Cylinder Pressure	0.00	PSI
iBooster Rotary Position Sensor	0.00	Deg
iBooster Output Rod Stroke	0.00	mm_
Pedal Travel Sensor One	-0.0800771	mm_
Pedal Travel Sensor Two	-0.0800771	mm_
iBooster Input Rod Stroke	0.01	mm_
Vehicle Speed	0.00	MPH
iBooster Boost Body Stroke	-0.02	mm_
Supplier Internal Code	193	

ABSO | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

NAME	VALUE	UNITS
DTC	C1 00 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Controller Event	No	
Mirror Memory	No	
Test Failed Since Last Clear	False	
Undervoltage Suspected	No	
Current System Mode	Ignition Run	
System Condition	OK	
Previous System Mode	Ignition Run	
Brake Pedal Status	Released	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Left Front	Forward	
Rotation Direction Right Rear	Forward	
ABS control	Not Active	
ASR control	Not Active	
EBV control	Not Active	
ESP Control	Not Active	

MSR control	Not Active	
HSA control	Not Active	
HBA control	Not Active	
Hold	No	
Braking assistance system	No assistance system is braking	
EPB Mode Status	Static	
Plant Mode	No	
BLS High	No	
BLS Low	Yes	
ESP-OFF mode	No	
Park Brake	Not Activated	
Stop Coordinator Active	No	
Clutch	Not Activated	
Status Parking Brake Left	Brake is Released	
Actual Gear	P	
Transmission selector lever setting	P	
EPB Switch Status	Idle	
Status Parking Brake Right	Brake is Released	
Frequency Counter	2	
Ignition Cycle Counter	0	
Most Recent Odometer Value	4971	miles
Original Odometer Value	4971	miles
Supply Voltage Valves	14.1	V
Fault Time	341.60	S
Supply voltage Pump	14.2	V
Brake Pedal Travel Sensor Position	0	%
Ignition Unfiltered	14.2	V
Wheel Speed Right Front	0.000	MPH
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Wheel Speed Left Rear	0.000	MPH
Longitudinal Acceleration	0.00	m/s^2
Lateral Acceleration	0.00	m/s^2
Yaw Rate	0.000	°/s
Steering Wheel Angle	-537.60	°
Engine Speed	0.0	rpm
Primary Circuit Pressure	0.00	PSI
Accelerator Pedal Position	0.0	%
Supplier Internal Code	279	

ABSO | U1818-00 | Stored | Lost Communication With ECM/PCM on D-PT CAN-

NAME	VALUE	UNITS
DTC	D8 18 00	
Test Failed This Operation Cycle	False	

Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	False	
Occurrence flag	Occurrence	
Controller Event	No	
Warning Indicator Requested	False	
Mirror Memory	No	
Undervoltage Suspected	No	
Current System Mode	Ignition Run	
Previous System Mode	Ignition Run	
System Condition	ESC/TSC Fault	
Brake Pedal Status	Released	
Rotation Direction Right Front	Forward	
Rotation Direction Left Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ABS control	Not Active	
ASR control	Not Active	
MSR control	Not Active	
EBV control	Not Active	
ESP Control	Not Active	
Hold	No	
HSA control	Not Active	
HBA control	Not Active	
Braking assistance system	No assistance system is braking	
Plant Mode	No	
EPB Mode Status	Static	
BLS High	No	
BLS Low	Yes	
Park Brake	Not Activated	
ESP-OFF mode	No	
Stop Coordinator Active	No	
Clutch	Not Activated	
Status Parking Brake Left	Brake is Released	
Actual Gear	P	
Transmission selector lever setting	P	
Status Parking Brake Right	Brake is Released	
EPB Switch Status	Idle	
Original Odometer Value	4971	miles
Most Recent Odometer Value	4971	miles
Frequency Counter	2	

Ignition Cycle Counter	0	
Fault Time	345.40	S
Supply voltage Pump	14.1	V
Brake Pedal Travel Sensor Position	0	%
Supply Voltage Valves	14.1	V
Ignition Unfiltered	14.2	V
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Accelerator Pedal Position	0.0	%
Yaw Rate	0.000	°/s
Lateral Acceleration	0.00	m/s^2
Longitudinal Acceleration	0.00	m/s^2
Steering Wheel Angle	-537.60	°
Engine Speed	0.0	rpm
Primary Circuit Pressure	0.00	PSI
Supplier Internal Code	287	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P06E4

No Snapshot Data available for B2101

No Snapshot Data available for U0100-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0422-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U0100-00

No Snapshot Data available for B280B-00

No Snapshot Data available for U0100-00

No Snapshot Data available for B2206-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0140-00

No Snapshot Data available for P061B-00

No Snapshot Data available for P079B-00

No Snapshot Data available for P0A7D-00

No Snapshot Data available for P0C2F-00

No Snapshot Data available for P1AC7-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0422-00

No Snapshot Data available for B15AB-00

No Snapshot Data available for B15AA-00

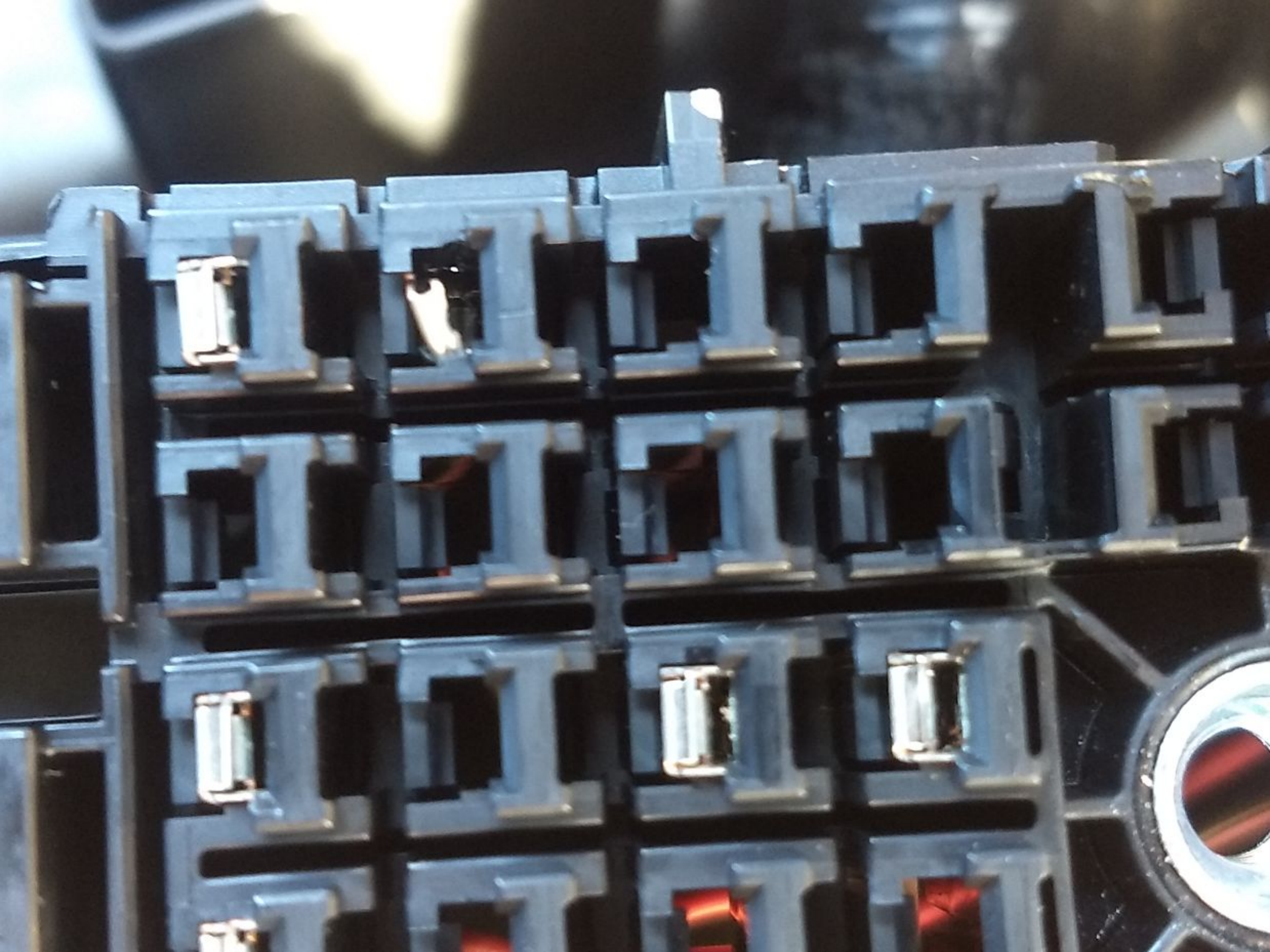
No Snapshot Data available for U0401-00

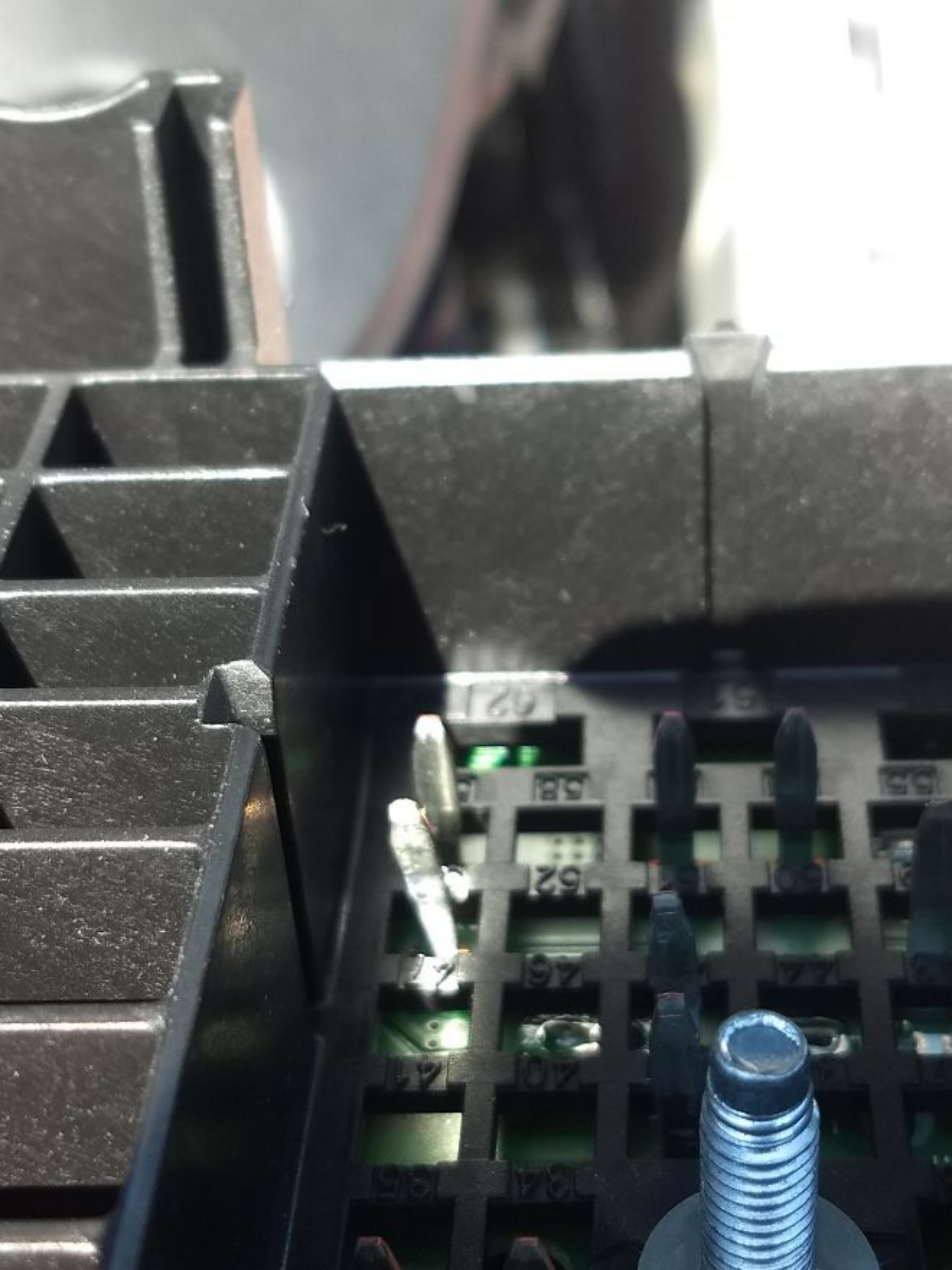
No Snapshot Data available for U0100-00

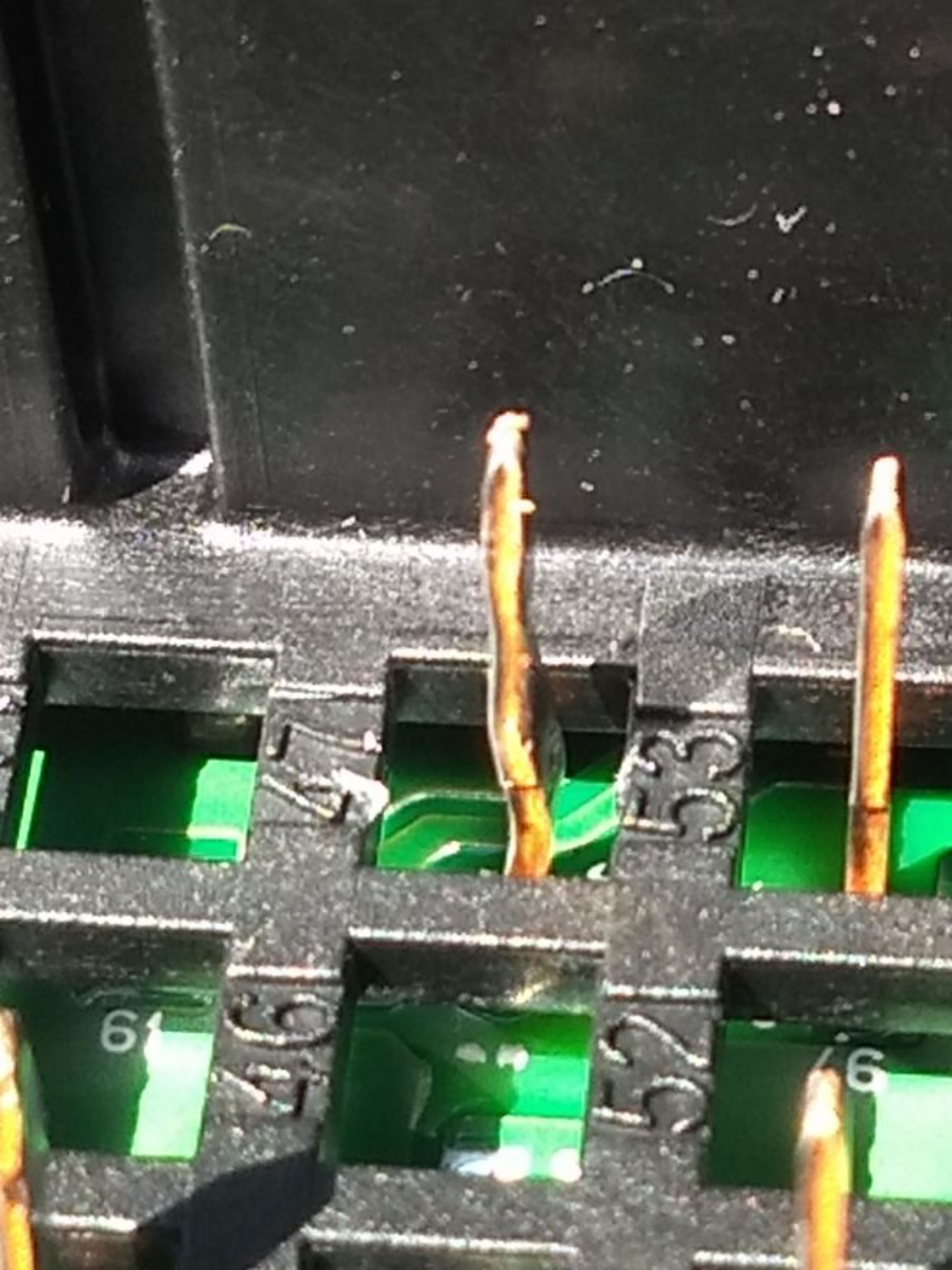
No Snapshot Data available for U1818-00

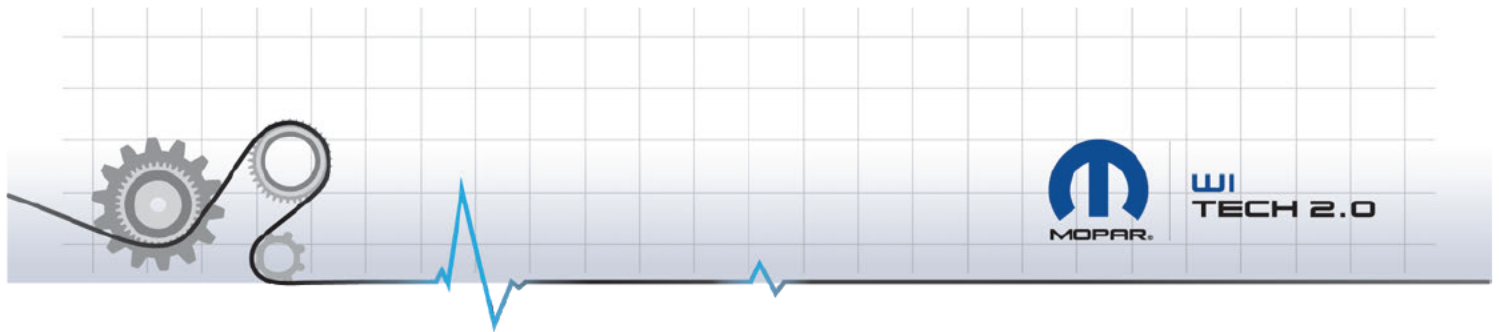
No Snapshot Data available for U0100-00

No Snapshot Data available for U1818-00









VEHICLE SCAN REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1N76 [REDACTED]

Odometer 4998.4 miles
Publication Date Aug 20, 2020, 6:07:15 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURREN	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68416681AE	2C4RC1N	2C4RC1N	68416681AE
ICS	Integrated Center Stack	CAN-I	6EV301X8AB	2C4RC1N	2C4RC1N	6EV301X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AC	2C4RC1N	2C4RC1N	68383680AC
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N	2C4RC1N	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1N	2C4RC1N	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1N	2C4RC1N	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1N	2C4RC1N	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1N	2C4RC1N	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1N	2C4RC1N	68316558AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N	2C4RC1N	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N	2C4RC1N	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N	2C4RC1N	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N	2C4RC1N	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N	2C4RC1N	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N	2C4RC1N	68316094AF
AMP	Amplifier	CAN-I	68440634AA	2C4RC1N	2C4RC1N	68440634AA
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1N	2C4RC1N	68405292AC
PTS	Parktronics	CAN-C	68193772AJ	2C4RC1N	2C4RC1N	68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AC	2C4RC1N	2C4RC1N	68360889AC
BCM	Body Controller	CAN-C	68402177AB	2C4RC1N	2C4RC1N	68402177AB
HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1N	2C4RC1N	68421106AA

RADIO	Radio	CAN-I	68401447AB	2C4RC1		2C4RC1N7	68401447AB
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
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	68429967AD	2C4RC1N		2C4RC1N7	68429967AD
HCP	Hybrid Control Processor	CAN-C	05190240AN	2C4RC1N		2C4RC1N7	05190240AN
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	68395990AA	2C4RC1N		2C4RC1N7	68395990AA
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N		2C4RC1N7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AN	2C4RC1N		2C4RC1N7	05190241AN
EBBM	Electronic Brake Booster Module	CAN-C	68240033AJ	2C4RC1N		2C4RC1N7	68240033AJ
ABSO	Anti Lock Brakes OBD	CAN-C	68352786AA	2C4RC1N		2C4RC1N7	68352786AA
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	91 05 01	4459	A9D022BF
ICS	USA	0F 0C 00	11 16 00	4400	
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	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
AMP	USA	0F 05 01	12 1A 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	
HSM	USA / USA	15 12 00	12 05 01	4003	
RADIO	USA	12 21 24	12 21 24	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	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM		0E 03 00	12 07 04	4005	FEDBFE12
HCP	USA	11 1D 07	12 29 01	4004	5222F843 EBC2A42D 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 16 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1D 07	12 29 01	4000	
EBBM	USA	0E 19 02	11 18 14	4000	BBFD096B
ABSO	USA	0E 15 02	11 0B 16	4201	A1B31723
SGW		5	564	4102	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	U140A	Implausible Right Front Wheel Speed Signal Received	Active
PCM	U1409	Implausible Left Front Wheel Speed Signal Received	Active
PCM	U0168	Lost Communication With Vehicle Security Control Module	Stored
PCM	P06E4	Control Module Wake-up Circuit Performance	Stored
PCM	B2101	Ignition Run/Start Input Circuit Low	Stored
EPS	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
AMP	B154F-00	Lost Crankshaft Pulse Signal-	Active
PTS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
BCM	U151A-87	Hybrid Control Processor Secret Code-Missing Message	Stored
BCM	U1514-87	Engine Controller Secret Code-Missing Message	Stored
RADIO	B280B-00	NTSC Video Input-	Stored

RADIO	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
LBSS	U0140-00	Lost Communication With Body Control Module-	Stored
RBSS	U0140-00	Lost Communication With Body Control Module-	Stored
HCP	P0513-00	Invalid SKIM Key-	Stored
HCP	P0C2F-00	Internal Control Module Drive Motor/Generator - Engine Speed Sensor Performance-	Stored
HCP	P1AC7-00	Crankshaft Position Signal Sensor Performance-	Stored
HCP	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
HCP	U1852-00	Implausible Data Received from ABS on D-PT-	Stored
EBBM	U0401-00	Implausible Data Received From ECM/PCM "A"-	Stored
EBBM	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
EBBM	U1818-00	Lost Communication With ECM/PCM on D-PT CAN-	Stored
ABSO	C0501-00	Left Front Wheel Speed Sensor "A" Range/Performance-	Stored
ABSO	C0507-00	Right Front Wheel Speed Sensor "A" Range/Performance-	Stored
ABSO	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
ABSO	U1818-00	Lost Communication With ECM/PCM on D-PT CAN-	Stored
ABSO	C121C-00	Torque Request Signal Denied-	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | U140A | Active | Implausible Right Front Wheel Speed Signal Received

NAME	VALUE	UNITS
DTC	D4 0A	
DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	On	
Number of DTC	1	
Odometer	4978.9	miles
Accumulation Timer	4	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	1	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | U1409 | Active | Implausible Left Front Wheel Speed Signal Received

NAME	VALUE	UNITS
DTC	D4 09	
DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	On	
Number of DTC	1	
Accumulation Timer	4	minutes
Odometer	4978.9	miles
Ignition Key Cycles	0	

Starts Since Set Counter	1	
Warm Up Cycles	0	
Key Cycles Since DTC Last Set Counter	0	
Good Trip Counter	0	

PCM | U0168 | Stored | Lost Communication With Vehicle Security Control Module

NAME	VALUE	UNITS
DTC	C1 68	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	Off	
Number of DTC	1	
Accumulation Timer	4	minutes
Odometer	4978.9	miles
Ignition Key Cycles	3	
Starts Since Set Counter	3	
Key Cycles Since DTC Last Set Counter	4	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | P06E4 | Stored | Control Module Wake-up Circuit Performance

NAME	VALUE	UNITS
DTC	06 E4	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Number of DTC	1	
Odometer	4978.9	miles
Accumulation Timer	6	minutes
Ignition Key Cycles	4	
Key Cycles Since DTC Last Set Counter	5	
Starts Since Set Counter	3	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | B2101 | Stored | Ignition Run/Start Input Circuit Low

NAME	VALUE	UNITS
DTC	A1 01	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	Off	
Number of DTC	1	
Odometer	4978.9	miles
Accumulation Timer	22	minutes

Starts Since Set Counter	3	
Ignition Key Cycles	4	
Key Cycles Since DTC Last Set Counter	5	
Warm Up Cycles	0	
Good Trip Counter	0	

EPS | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
DTC	C1 00 00	
Confirmed DTC	True	
Test Failed	False	
Test Not Completed This Operation Cycle	False	
Pending DTC	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Test Not Completed Since Last Clear	False	
Supplier Internal Fault Code	01 29 01	
Test Failed Since Last Clear	True	
Ignition Cycle Counter	2	
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	1.58	Deg
Original Odometer Value	4991	miles
Frequency Counter	129	
Most Recent Odometer Value	4991	miles
EPS Steering Wheel Torque	0.2074	Ft-Lbs
EPS Steering Wheel Velocity	-0.00	deg/s
EPS Internal Filtered Vehicle Speed	0.000	MPH
EPS Measured Module Voltage	12.22	V
EPS Measured Module Temperature	93.3	°F
EPS System Current Draw	0	A
CAN Battery Voltage	12.3	Volts

AMP | B154F-00 | Active | Lost Crankshaft Pulse Signal-

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

Original Odometer Value	4991	miles
Most Recent Odometer Value	4991	miles
Ignition Cycle Counter	0	
Frequency Counter	1	

PTS | U0415-00 | Stored | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-

NAME	VALUE	UNITS
DTC	C4 15 00	
Test Failed This Operation Cycle	True	
Confirmed DTC	True	
Pending DTC	True	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	Occurrence	
Original Odometer Value	0	miles
Frequency Counter	2	
DC/DC Converter Voltage	01	Volt
Most Recent Odometer Value	4991	miles

BCM | U151A-87 | Stored | Hybrid Control Processor Secret Code-Missing Message

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	4991	miles
Most Recent Odometer Value	4991	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

BCM | U1514-87 | Stored | Engine Controller Secret Code-Missing Message

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

Confirmed DTC	True	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Most Recent Odometer Value	4991	miles
Original Odometer Value	4991	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

RADIO | B280B-00 | Stored | NTSC Video Input-

NAME	VALUE	UNITS
DTCTable	A8 0B 00	
TestFailedThisMonitoringCycle	False	
TestFailed	False	
Confirmed DTC	True	
Pending DTC	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	FF	
Test Not Completed This Monitoring Cycle	False	
Reserved	Reserved	
Occurance Flag	Occurrence	
RDI \$6080	60 80	
Event Counter	64	
Original Odometer Value	4991	miles
Most Recent Odometer Value	4991	miles
Ignition Counter	0	
Frequency Counter	3	

RADIO | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

NAME	VALUE	UNITS
DTCTable	C1 00 00	
TestFailedThisMonitoringCycle	False	
TestFailed	False	
Pending DTC	False	
Warning Indicator Requested	False	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
DTCExtendedDataRecordNumber	FF	
Reserved	Reserved	
Occurance Flag	Occurrence	

RDI \$6080	60 80	
Event Counter	64	
Most Recent Odometer Value	4991	miles
Original Odometer Value	4991	miles
Frequency Counter	129	
Ignition Counter	0	

LBSS | U0140-00 | Stored | Lost Communication With Body Control Module-

NAME	VALUE	UNITS
Pending DTC	False	
Test Failed	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Frequency Counter	129	
Operation Cycle Counter	3	
Original Odometer Value	4991	miles
Most Recent Odometer Value	4991	miles

RBSS | U0140-00 | Stored | Lost Communication With Body Control Module-

NAME	VALUE	UNITS
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	01	
Most Recent Odometer Value	4991	miles
Original Odometer Value	4991	miles
Frequency Counter	129	
Operation Cycle Counter	3	

HCP | P0513-00 | Stored | Invalid SKIM Key-

NAME	VALUE	UNITS
DTC	05 13 00	
Test Failed	False	

Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1809p0_1809A_RU_H	
HCP SW Version	1809A	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Determine Hybrid System State	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	4998.4	miles
Original Odometer Value	4998.4	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	45783752	sec
RAM stamps keyOn	2775	sec
RAM Stamps	70170	Min
Accelerator Pedal Position	0	%
HV Battery SOC	41	%
Engine Speed	0	rpm
Motor A Temp Sensor	131	°F
Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	138	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	122	°F
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	7.776	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 B	232.301	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B Resolver Angle	110	Degree
Motor B - Inverter Current - phase C	0	AMP
Motor A Resolver Angle	2	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	351	Volts
HV Battery Voltage from BPCM	350.60	Volts
PIM DC Link Voltage - B	350	Volts
Outside Air Temperature	86.0	°F
Battery Feed Voltage 1 Sense	12.240	Volts
HV Battery Sleep Time	0	Days
Battery Feed Voltage 2 Sense	12.168	Volts
Battery Feed Voltage 3 Sense	12.096	Volts
Inverter A IGBT Temperature for phase A	117	°F
Inverter A IGBT Temperature for phase B	117	°F
Inverter A IGBT Temperature for phase C	117	°F
Inverter B IGBT Temperature for phase A	117	°F
Inverter B IGBT Temperature for phase B	117	°F
Inverter B IGBT Temperature for phase C	117	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | POC2F-00 | Stored | Internal Control Module Drive Motor/Generator - Engine Speed Sensor Performance-

NAME	VALUE	UNITS
DTC	0C 2F 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	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	D	
Propulsion System Active	True	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1809p0_1809A_RU_H	
HCP SW Version	1809A	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Propulsion System Active	
PHEV Charging Status	No Charging	
Original Odometer Value	4997.6	miles
Most Recent Odometer Value	4997.6	miles
Ignition Cycle Counter	0	
Frequency Counter	1	
Real time clock	45782028	sec
RAM stamps keyOn	1050	sec
Accelerator Pedal Position	0	%
RAM Stamps	70141	Min
HV Battery SOC	44	%
Engine Speed	0	rpm
Vehicle Speed	40.9086	MPH
Motor A Temp Sensor	142	°F
Motor B Temp Sensor	165	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	118	°F
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	7.848	Volts
Motor A Torque	3.964	Ft-Lbs

Actual Torque - Motor A	3.964	Ft-Lbs
Motor B Torque	9.771	Ft-Lbs
Actual Torque - Motor B	9.771	Ft-Lbs
Available Motor Torque - Motor A	78.448	Ft-Lbs
Available Motor Torque - Motor B	175.516	Ft-Lbs
Available Regen Torque - Motor A	-78.448	Ft-Lbs
Available Regen Torque - Motor B	-175.516	Ft-Lbs
Commanded Torque - Motor A	4.240	Ft-Lbs
Commanded Torque - Motor B	10.140	Ft-Lbs
Motor A - Inverter Current - phase A	20	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor A - Inverter Current - phase B	-24	AMP
Motor B - Inverter Current - phase A	-24	AMP
Motor B - Inverter Current - phase B	24	AMP
Motor B - Inverter Current - phase C	-8	AMP
Motor A Resolver Angle	226	Degree
Motor B Resolver Angle	28	Degree
Electric Motor A Speed	7454.0	rpm
Electric Motor B Speed	4536.0	rpm
PIM DC Link Voltage - A	345	Volts
PIM DC Link Voltage - B	344	Volts
HV Battery Voltage from BPCM	344.60	Volts
Outside Air Temperature	86.0	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	14.400	Volts
Battery Feed Voltage 2 Sense	14.328	Volts
Battery Feed Voltage 3 Sense	14.112	Volts
Inverter A IGBT Temperature for phase A	122	°F
Inverter A IGBT Temperature for phase B	120	°F
Inverter A IGBT Temperature for phase C	122	°F
Inverter B IGBT Temperature for phase B	124	°F
Inverter B IGBT Temperature for phase A	126	°F
Inverter B IGBT Temperature for phase C	127	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P1AC7-00 | Stored | Crankshaft Position Signal Sensor Performance-

NAME	VALUE	UNITS
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DTC	1A C7 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	Occurrence	
Warning Indicator Requested	True	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	D	
Propulsion System Active	True	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1809p0_1809A_RU_H	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HCP SW Version	1809A	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Propulsion System Active	
PHEV Charging Status	No Charging	
Original Odometer Value	4997.7	miles
Most Recent Odometer Value	4997.7	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
RAM stamps keyOn	1050	sec
Real time clock	45782032	sec
RAM Stamps	70141	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	44	%
Vehicle Speed	38.7872	MPH
Motor A Temp Sensor	144	°F
Motor B Temp Sensor	171	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	118	°F
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	7.848	Volts

Motor A Torque	6.637	Ft-Lbs
Motor B Torque	8.389	Ft-Lbs
Actual Torque - Motor A	6.637	Ft-Lbs
Actual Torque - Motor B	8.389	Ft-Lbs
Available Motor Torque - Motor B	185.472	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Regen Torque - Motor B	-185.472	Ft-Lbs
Commanded Torque - Motor A	6.545	Ft-Lbs
Commanded Torque - Motor B	8.389	Ft-Lbs
Motor A - Inverter Current - phase A	-36	AMP
Motor A - Inverter Current - phase B	36	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-12	AMP
Motor B - Inverter Current - phase C	-12	AMP
Motor B - Inverter Current - phase B	20	AMP
Motor B Resolver Angle	16	Degree
Motor A Resolver Angle	16	Degree
Electric Motor A Speed	418.5	rpm
Electric Motor B Speed	4304.5	rpm
PIM DC Link Voltage - A	347	Volts
PIM DC Link Voltage - B	345	Volts
Outside Air Temperature	86.0	°F
HV Battery Voltage from BPCM	345.90	Volts
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	14.400	Volts
Battery Feed Voltage 2 Sense	14.328	Volts
Battery Feed Voltage 3 Sense	14.112	Volts
Inverter A IGBT Temperature for phase A	118	°F
Inverter A IGBT Temperature for phase B	117	°F
Inverter A IGBT Temperature for phase C	117	°F
Inverter B IGBT Temperature for phase A	117	°F
Inverter B IGBT Temperature for phase B	117	°F
Inverter B IGBT Temperature for phase C	118	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

NAME	VALUE	UNITS
DTC	C4 15 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	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1809p0_1809A_RU_H	
HCP SW Version	1809A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Inverters Enabled	
PHEV Charging Status	No Charging	
Original Odometer Value	4998.4	miles
Frequency Counter	2	
Most Recent Odometer Value	4998.4	miles
Ignition Cycle Counter	0	
Real time clock	45835004	sec
RAM stamps keyOn	0	sec
RAM Stamps	70176	Min
Accelerator Pedal Position	0	%
HV Battery SOC	41	%
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	72	°F
Barometric Pressure	15	PSI
Motor B Temp Sensor	72	°F
Engine Coolant Temperature	68	°F
Internal EPS Voltage Sense A	8.136	Volts

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	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B Resolver Angle	112	Degree
Motor B - Inverter Current - phase C	-4	AMP
Motor A Resolver Angle	2	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	352	Volts
PIM DC Link Voltage - B	352	Volts
HV Battery Voltage from BPCM	352.20	Volts
Outside Air Temperature	59.0	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	14.760	Volts
Battery Feed Voltage 2 Sense	14.688	Volts
Battery Feed Voltage 3 Sense	14.472	Volts
Inverter A IGBT Temperature for phase A	64	°F
Inverter A IGBT Temperature for phase B	64	°F
Inverter A IGBT Temperature for phase C	64	°F
Inverter B IGBT Temperature for phase A	63	°F
Inverter B IGBT Temperature for phase B	63	°F
Inverter B IGBT Temperature for phase C	64	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
UTC Time - Hours	0	Hours
GPS Date - Day	1	Days
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | U1852-00 | Stored | Implausible Data Received from ABS on D-PT-

NAME	VALUE	UNITS
DTC	D8 52 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	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PRND Position Display	P	
Ignition State	Reserved	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
HCP SW Version	1809A	
SW Build Release Version	PIMC19A1809p0_1809A_RU_H	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Inverters Enabled	
PHEV Charging Status	No Charging	
Original Odometer Value	4998.4	miles
Most Recent Odometer Value	4998.4	miles
Frequency Counter	2	
Ignition Cycle Counter	0	
Real time clock	45835004	sec
RAM stamps keyOn	0	sec
RAM Stamps	70176	Min
Engine Speed	0	rpm
Accelerator Pedal Position	0	%
HV Battery SOC	41	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	72	°F
Motor B Temp Sensor	72	°F
Engine Coolant Temperature	68	°F
Barometric Pressure	15	PSI

Internal EPS Voltage Sense A	8.136	Volts
Motor A Torque	0.000	Ft-Lbs
Internal EPS Voltage Sense B	7.992	Volts
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 B	232.301	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor A Resolver Angle	2	Degree
Motor B Resolver Angle	112	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	352	Volts
PIM DC Link Voltage - B	352	Volts
HV Battery Voltage from BPCM	352.20	Volts
Outside Air Temperature	59.0	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	14.760	Volts
Battery Feed Voltage 2 Sense	14.688	Volts
Battery Feed Voltage 3 Sense	14.472	Volts
Inverter A IGBT Temperature for phase A	64	°F
Inverter A IGBT Temperature for phase B	64	°F
Inverter A IGBT Temperature for phase C	64	°F
Inverter B IGBT Temperature for phase A	63	°F
Inverter B IGBT Temperature for phase C	64	°F
Inverter B IGBT Temperature for phase B	63	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms

EBBM | U0401-00 | Stored | Implausible Data Received From ECM/PCM "A"-

NAME	VALUE	UNITS
DTC	C4 01 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	False	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	ERROR	
Undervoltage Suspected	No	
Mirror Memory	No	
iBooster System Mode	Ready Mode - iBooster is ready for actuation	
Brake Pedal Applied	brake pedal not applied	
iBooster Brake Pedal State	brake pedal not applied	
Ignition Cycle Counter	0	
Original Odometer Value	4991	miles
Most Recent Odometer Value	4991	miles
Frequency Counter	9	
Booster Supply	14.2	V
ECU Supply	14.2	V
Fault Time	1195.00	S
Ignition	14.2	V
Pedal Travel Sensor Supply	5.0	V
iBooster ECU Temperature Channel 1	106.3625	°F
iBooster ECU Temperature Channel 2	105.7719	°F
Pedal Travel Sensor One	-0.0917957	mm_
ESP Master Cylinder Pressure	0.00	PSI
Pedal Travel Sensor Two	-0.0234372	mm_
iBooster Rotary Position Sensor	93.67	Deg
iBooster Output Rod Stroke	0.00	mm_
iBooster Input Rod Stroke	0.00	mm_
iBooster Boost Body Stroke	0.56	mm_
Vehicle Speed	0.00	MPH
Supplier Internal Code	195	

EBBM | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

NAME	VALUE	UNITS
DTC	C1 00 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	

Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	ERROR	
Mirror Memory	No	
Undervoltage Suspected	No	
iBooster System Mode	Actuated Mode - iBooster is actually providing a support force	
Brake Pedal Applied	brake pedal not applied	
iBooster Brake Pedal State	brake pedal not applied	
Original Odometer Value	4991	miles
Frequency Counter	11	
Most Recent Odometer Value	4991	miles
Ignition Cycle Counter	0	
Fault Time	1194.20	S
ECU Supply	14.2	V
Booster Supply	14.2	V
Ignition	14.2	V
Pedal Travel Sensor Supply	5.0	V
iBooster ECU Temperature Channel 1	106.3625	°F
iBooster ECU Temperature Channel 2	105.7719	°F
ESP Master Cylinder Pressure	0.00	PSI
Pedal Travel Sensor Two	-0.0019531	mm_
Pedal Travel Sensor One	-0.0624992	mm_
iBooster Rotary Position Sensor	356.65	Deg
iBooster Output Rod Stroke	0.00	mm_
iBooster Boost Body Stroke	2.14	mm_
iBooster Input Rod Stroke	0.02	mm_
Vehicle Speed	0.00	MPH
Supplier Internal Code	185	

EBBM | U1818-00 | Stored | Lost Communication With ECM/PCM on D-PT CAN-

NAME	VALUE	UNITS
DTC	D8 18 00	
Test Failed This Operation Cycle	False	
Test Failed	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Mirror Memory	No	

Occurrence flag	ERROR	
Undervoltage Suspected	No	
Brake Pedal Applied	brake pedal not applied	
iBooster System Mode	Ready Mode - iBooster is ready for actuation	
iBooster Brake Pedal State	brake pedal not applied	
Original Odometer Value	4991	miles
Most Recent Odometer Value	4991	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	1068.20	S
Booster Supply	14.2	V
ECU Supply	14.2	V
Ignition	14.2	V
Pedal Travel Sensor Supply	5.0	V
iBooster ECU Temperature Channel 1	105.2938	°F
ESP Master Cylinder Pressure	0.00	PSI
iBooster ECU Temperature Channel 2	104.9844	°F
Pedal Travel Sensor One	-0.0878895	mm_
iBooster Rotary Position Sensor	0.00	Deg
Pedal Travel Sensor Two	-0.0273434	mm_
iBooster Output Rod Stroke	0.00	mm_
iBooster Boost Body Stroke	-0.05	mm_
iBooster Input Rod Stroke	0.00	mm_
Vehicle Speed	40.72	MPH
Supplier Internal Code	193	

ABSO | C0501-00 | Stored | Left Front Wheel Speed Sensor "A" Range/Performance-

NAME	VALUE	UNITS
DTC	45 01 00	
Test Failed	False	
Pending DTC	True	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	True	
Occurrence flag	ERROR	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Current System Mode	CAN active	
Previous System Mode	CAN active	
System Condition	OK	

Brake Pedal Status	Released	
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	
MSR control	Not active	
EBV control	Not active	
ESP Control	Not active	
HSA control	Not active	
HBA control	Not active	
Hold	No	
Braking assistance system	No Assistance System Is Braking	
Plant Mode	No	
EPB Mode Status	Static	
BLS High	No	
BLS Low	Yes	
ESP-OFF mode	No	
Park Brake	Not Activated	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	P	
Transmission selector lever setting	P	
Status Parking Brake Left	Brake is Released	
Status Parking Brake Right	Brake is Released	
EPB Switch Status	Idle	
Original Odometer Value	4991	miles
Most Recent Odometer Value	4991	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	13107.00	S
Supply Voltage Valves	12.3	V
Brake Pedal Travel Sensor Position	0	%
Supply voltage Pump	12.3	V
Ignition Unfiltered	0.0	V
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Wheel Speed Left Rear	10.066	MPH
Wheel Speed Right Rear	10.066	MPH
Steering Wheel Angle	0.00	°
Longitudinal Acceleration	0.00	m/s^2
Lateral Acceleration	0.00	m/s^2
Yaw Rate	0.000	°/s

Primary Circuit Pressure	0.00	PSI
Engine Speed	0.0	rpm
Accelerator Pedal Position	0.0	%
Supplier Internal Code	501	

ABSO | C0507-00 | Stored | Right Front Wheel Speed Sensor "A" Range/Performance-

NAME	VALUE	UNITS
DTC	45 07 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	False	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	True	
Occurrence flag	ERROR	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Previous System Mode	CAN active	
Current System Mode	CAN active	
System Condition	OK	
Brake Pedal Status	Released	
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	
MSR control	Not active	
EBV control	Not active	
ESP Control	Not active	
HSA control	Not active	
HBA control	Not active	
Hold	No	
Braking assistance system	No Assistance System Is Braking	
Plant Mode	No	
EPB Mode Status	Static	
BLS High	No	
BLS Low	Yes	
Park Brake	Not Activated	
ESP-OFF mode	No	
Clutch	Not Activated	

Stop Coordinator Active	No	
Actual Gear	P	
Transmission selector lever setting	P	
Status Parking Brake Left	Brake is Released	
Status Parking Brake Right	Brake is Released	
EPB Switch Status	Idle	
Original Odometer Value	4991	miles
Most Recent Odometer Value	4991	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	13107.00	S
Supply Voltage Valves	12.3	V
Supply voltage Pump	12.3	V
Brake Pedal Travel Sensor Position	0	%
Ignition Unfiltered	0.0	V
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Wheel Speed Left Rear	10.066	MPH
Wheel Speed Right Rear	10.066	MPH
Steering Wheel Angle	0.00	°
Longitudinal Acceleration	0.00	m/s^2
Lateral Acceleration	0.00	m/s^2
Yaw Rate	0.000	°/s
Primary Circuit Pressure	0.00	PSI
Engine Speed	0.0	rpm
Accelerator Pedal Position	0.0	%
Supplier Internal Code	514	

ABSO | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

NAME	VALUE	UNITS
DTC	C1 00 00	
Test Failed This Operation Cycle	False	
Test Failed	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Current System Mode	Ignition Run	

Previous System Mode	Ignition Run	
System Condition	OK	
Brake Pedal Status	Released	
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	
MSR control	Not active	
EBV control	Not active	
ESP Control	Not active	
HSA control	Not active	
HBA control	Not active	
Hold	No	
Braking assistance system	No Assistance System Is Braking	
Plant Mode	No	
EPB Mode Status	Static	
BLS High	No	
BLS Low	Yes	
Park Brake	Not Activated	
ESP-OFF mode	No	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	1	
Transmission selector lever setting	D	
Status Parking Brake Left	Brake is Released	
Status Parking Brake Right	Brake is Released	
EPB Switch Status	Idle	
Original Odometer Value	4991	miles
Most Recent Odometer Value	4991	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	1066.80	S
Supply Voltage Valves	14.2	V
Supply voltage Pump	14.3	V
Brake Pedal Travel Sensor Position	0	%
Ignition Unfiltered	14.3	V
Wheel Speed Left Front	40.265	MPH
Wheel Speed Right Front	40.265	MPH
Wheel Speed Left Rear	40.265	MPH
Wheel Speed Right Rear	40.265	MPH
Steering Wheel Angle	6.40	°
Longitudinal Acceleration	0.00	m/s^2

Lateral Acceleration	0.43	m/s^2
Yaw Rate	1.955	°/s
Primary Circuit Pressure	0.00	PSI
Accelerator Pedal Position	41.6	%
Supplier Internal Code	269	
Engine Speed	0.0	rpm

ABS0 | U1818-00 | Stored | Lost Communication With ECM/PCM on D-PT CAN-

NAME	VALUE	UNITS
DTC	D8 18 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	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Current System Mode	Ignition Run	
Previous System Mode	Ignition Run	
System Condition	ESC/TSC Fault	
Brake Pedal Status	Released	
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	
MSR control	Not active	
ESP Control	Not active	
EBV control	Not active	
HSA control	Not active	
Hold	No	
HBA control	Not active	
Braking assistance system	No Assistance System Is Braking	
Plant Mode	No	
EPB Mode Status	Static	
BLS High	No	
BLS Low	Yes	
Park Brake	Not Activated	

ESP-OFF mode	No	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	1	
Transmission selector lever setting	D	
Status Parking Brake Left	Brake is Released	
Status Parking Brake Right	Brake is Released	
EPB Switch Status	Idle	
Original Odometer Value	4991	miles
Most Recent Odometer Value	4991	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	1068.20	S
Supply Voltage Valves	14.2	V
Supply voltage Pump	14.2	V
Brake Pedal Travel Sensor Position	0	%
Ignition Unfiltered	14.2	V
Wheel Speed Left Front	40.265	MPH
Wheel Speed Right Front	40.265	MPH
Wheel Speed Left Rear	40.265	MPH
Wheel Speed Right Rear	40.265	MPH
Steering Wheel Angle	0.00	°
Longitudinal Acceleration	0.00	m/s^2
Yaw Rate	0.000	°/s
Lateral Acceleration	0.22	m/s^2
Primary Circuit Pressure	0.00	PSI
Engine Speed	0.0	rpm
Accelerator Pedal Position	47.6	%
Supplier Internal Code	287	

ABSO | C121C-00 | Stored | Torque Request Signal Denied-

NAME	VALUE	UNITS
DTC	52 1C 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Controller Event	No	
Mirror Memory	No	

Undervoltage Suspected	No	
Current System Mode	Ignition Start	
Previous System Mode	Ignition Start	
System Condition	ESC/TSC Fault	
Brake Pedal Status	Pressed	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ASR control	Not active	
ABS control	Not active	
MSR control	Not active	
EBV control	Not active	
ESP Control	Not active	
HSA control	Not active	
HBA control	Not active	
Hold	No	
Braking assistance system	No Assistance System Is Braking	
Plant Mode	No	
EPB Mode Status	Static	
BLS High	Yes	
BLS Low	No	
Park Brake	Not Activated	
ESP-OFF mode	No	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	P	
Transmission selector lever setting	P	
Status Parking Brake Left	Brake is Released	
Status Parking Brake Right	Brake is Released	
EPB Switch Status	Idle	
Most Recent Odometer Value	4991	miles
Original Odometer Value	4991	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	1210.20	S
Supply Voltage Valves	13.0	V
Supply voltage Pump	12.9	V
Brake Pedal Travel Sensor Position	78	%
Ignition Unfiltered	13.0	V
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Right Rear	0.000	MPH

Steering Wheel Angle	0.00	°
Longitudinal Acceleration	0.00	m/s^2
Lateral Acceleration	0.22	m/s^2
Yaw Rate	0.000	°/s
Primary Circuit Pressure	367.67	PSI
Engine Speed	0.0	rpm
Accelerator Pedal Position	0.0	%
Supplier Internal Code	272	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for U140A

No Snapshot Data available for U1409

No Snapshot Data available for U0168

No Snapshot Data available for P06E4

No Snapshot Data available for B2101

No Snapshot Data available for U0100-00

No Snapshot Data available for B154F-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U151A-87

No Snapshot Data available for U1514-87

No Snapshot Data available for B280B-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0140-00

No Snapshot Data available for U0140-00

No Snapshot Data available for P0513-00

No Snapshot Data available for P0C2F-00

No Snapshot Data available for P1AC7-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U1852-00

No Snapshot Data available for U0401-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U1818-00

No Snapshot Data available for C0501-00

No Snapshot Data available for C0507-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U1818-00

No Snapshot Data available for C121C-00