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VEHICLE SCAN REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1N7 [REDACTED]

Odometer 4008.6 miles
Publication Date Feb 17, 2021, 12:12:21 PM

ECU SUMMARY INFO

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

ACC	Adaptive Cruise Control	CAN-C	68417813AF	2C4RC1N		2C4RC1N	68417813AF
RADIO	Radio	CAN-I	68461768AD	2C4RC1		2C4RC1N	68461768AD
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N		2C4RC1N	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N		2C4RC1N	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1N		2C4RC1N	68493395AA
EDM	External Disc Module	CAN-I	68378304AB	2C4RC1N		2C4RC1N	68378304AB
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N		2C4RC1N	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AE	2C4RC1N		2C4RC1N	05193166AE
HCP	Hybrid Control Processor	CAN-C	05190265AF	2C4RC1N		2C4RC1N	05190265AF
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1N		2C4RC1N	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N		2C4RC1N	68321862AC
DSM	Display Screen Module	CAN-I	68316174AC	2C4RC1N		2C4RC1N	68316174AC
VRM	Video Routing Module	CAN-I	68376134AG	2C4RC1N		2C4RC1N	68376134AG
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA	2C4RC1N		2C4RC1N	6WL30PD2AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N		2C4RC1N	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N		2C4RC1N	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190266AF	2C4RC1N		2C4RC1N	05190266AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1N		2C4RC1N	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1N		2C4RC1N	68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB			2C4RC1N	68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	31D751B0
ICS	USA	0F 0C 00	12 25 00	4700	
RFH	USA / USA	10 17 00	13 09 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	

HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 0B 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
ACC	USA / USA	14 12 01	14 1D 01	4400	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 19 00	4005	87EC2289
HCP	USA	11 1F 04	19 48 01	4005	6AE19B37 847169A3 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	13 29 00	12 23 00	4000	
VRM	USA / USA	0F 1C 00	13 26 11	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 32 01	12 33 00	4003	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	19 48 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	U1186	Lost ACC Torque Message	Stored
PCM	U1141	Lost Brake and Torque Messages	Stored
PCM	U11BC	Lost Brake Switch Message	Stored

PCM	U1120	Lost Wheel Distance Message	Stored
PCM	U1110	Lost Vehicle Speed Message	Stored
PCM	U1820	Lost Communication With Antilock Brake Module (ABS) on D-PT CAN	Stored
PCM	P0113	Intake Air Temperature Sensor 1 Circuit High	Pending
EPS	U0121-00	Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-	Stored
EPS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
EPS	U148D-00	Implausible Data Received from Forward Facing Camera-	Stored
HVAC	U0422-00	Implausible Data Received From Body Control Module-	Stored
DMRL	B19E1-2A	Sliding Door Handle Switch-Stuck	Stored
PSDML	U0422-00	Implausible Data Received From Body Control Module-	Stored
PSDMR	U0422-00	Implausible Data Received From Body Control Module-	Stored
MSM	B222D-00	ECU Unable To Configure/Configuration Not Learned-	Stored
PTS	U0121-00	Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-	Stored
ACC	C2225-00	PCM Disabled ECU-	Stored
ACC	C2227-00	ABS Disabled ECU-	Stored
ACC	U148D-00	Implausible Data Received from Forward Facing Camera-	Stored
ACC	U0121-00	Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-	Stored
ACC	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
ACC	C14A4-00	Sensor Adjustment Required-	Stored
ACC	C0063-9A	Yaw Rate Sensor-Component or System Operating Conditions	Stored
ACC	U0401-00	Implausible Data Received From ECM/PCM "A"-	Stored
LBSS	U0422-00	Implausible Data Received From Body Control Module-	Stored
RBSS	U0422-00	Implausible Data Received From Body Control Module-	Stored
FFCM	U0129-00	Lost Communication With Brake System Control Module 1-	Stored
HCP	P1625-00	Park Pawl System Failure-	Active
HCP	P062C-00	Internal Control Module Vehicle Speed Performance-	Stored
HCP	P215B-00	Vehicle Speed - Output Shaft Speed Correlation-	Stored
HCP	U0121-00	Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-	Stored
HCP	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
HCP	U1820-00	Lost Communication With Antilock Brake Module (ABS) on D-PT CAN-	Stored
HCP	U1850-00	Implausible Data Received from PCM on D-PT-	Stored
HCP	U1852-00	Implausible Data Received from ABS on D-PT-	Stored
MSMP	B222D-00	ECU Unable To Configure/Configuration Not Learned-	Stored
VRM	U0422-00	Implausible Data Received From Body Control Module-	Stored
CVPM	U0422-00	Implausible Data Received From Body Control Module-	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | U1186 | Stored | Lost ACC Torque Message

NAME	VALUE	UNITS
DTC	D1 86	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	Off	
Number of DTC	1	

Odometer	3917.1	miles
Accumulation Timer	27	minutes
Ignition Key Cycles	6	
Starts Since Set Counter	0	
Warm Up Cycles	0	
Key Cycles Since DTC Last Set Counter	7	
Good Trip Counter	0	

PCM | U1141 | Stored | Lost Brake and Torque Messages

NAME	VALUE	UNITS
DTC	D1 41	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	Off	
Number of DTC	1	
Odometer	3917.1	miles
Accumulation Timer	27	minutes
Ignition Key Cycles	6	
Key Cycles Since DTC Last Set Counter	7	
Starts Since Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | U11BC | Stored | Lost Brake Switch Message

NAME	VALUE	UNITS
DTC	D1 BC	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Odometer	3952.9	miles
Number of DTC	1	
Accumulation Timer	15	minutes
Ignition Key Cycles	6	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	7	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | U1120 | Stored | Lost Wheel Distance Message

NAME	VALUE	UNITS
DTC	D1 20	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	

Number of DTC	1	
Accumulation Timer	15	minutes
Odometer	3952.9	miles
Ignition Key Cycles	6	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	7	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | U1110 | Stored | Lost Vehicle Speed Message

NAME	VALUE	UNITS
DTC	D1 10	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Number of DTC	1	
Odometer	3917.1	miles
Accumulation Timer	27	minutes
Ignition Key Cycles	6	
Starts Since Set Counter	0	
Warm Up Cycles	0	
Key Cycles Since DTC Last Set Counter	7	
Good Trip Counter	0	

PCM | U1820 | Stored | Lost Communication With Antilock Brake Module (ABS) on D-PT CAN

NAME	VALUE	UNITS
DTC	D8 20	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Number of DTC	1	
Odometer	3952.9	miles
Ignition Key Cycles	6	
Accumulation Timer	13	minutes
Starts Since Set Counter	0	
Warm Up Cycles	0	
Key Cycles Since DTC Last Set Counter	7	
Good Trip Counter	0	

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

NAME	VALUE	UNITS
DTC		
DTC Readiness Flag		
DTC Storage State		

Warning Indicator Request State		
Number of DTC	0	
Odometer		miles
Accumulation Timer		minutes
Ignition Key Cycles		
Starts Since Set Counter		
Warm Up Cycles		
Key Cycles Since DTC Last Set Counter		
Good Trip Counter		

EPS | U0121-00 | Stored | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-

NAME	VALUE	UNITS
DTC	C1 21 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Occurrence flag	Error	
Warning Indicator Requested	False	
Supplier Internal Fault Code	01 39 01	
Original Odometer Value	3957	miles
Most Recent Odometer Value	4007	miles
Ignition Cycle Counter	2	
Frequency Counter	9	
EPS Steering Wheel Velocity	-0.04	deg/s
EPS Internal Filtered Vehicle Speed	62.137	MPH
EPS Measured Module Voltage	14.54	V
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	2.07	Deg
EPS Steering Wheel Torque	0.2074	Ft-Lbs
EPS Measured Module Temperature	11.0	°F
EPS System Current Draw	0	A
CAN Battery Voltage	14.6	Volts

EPS | 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	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	

Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Error	
Warning Indicator Requested	False	
Supplier Internal Fault Code	00 17 00	
Original Odometer Value	3927	miles
Frequency Counter	10	
Ignition Cycle Counter	12	
Most Recent Odometer Value	3987	miles
EPS Steering Wheel Velocity	-0.04	deg/s
EPS Internal Filtered Vehicle Speed	8.073	MPH
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	-0.31	Deg
EPS Steering Wheel Torque	0.6453	Ft-Lbs
EPS Measured Module Voltage	14.60	V
EPS System Current Draw	0	A
CAN Battery Voltage	14.6	Volts
EPS Measured Module Temperature	35.1	°F

EPS | U148D-00 | Stored | Implausible Data Received from Forward Facing Camera-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
DTC	D4 8D 00	
Test Failed	False	
Confirmed DTC	True	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
Supplier Internal Fault Code	00 1E 00	
Original Odometer Value	3917	miles
Frequency Counter	1	
Ignition Cycle Counter	16	
Most Recent Odometer Value	3917	miles
EPS Steering Wheel Velocity	-0.18	deg/s
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	0.92	Deg
EPS System Current Draw	0	A
EPS Measured Module Voltage	14.62	V
EPS Internal Filtered Vehicle Speed	0.000	MPH
EPS Steering Wheel Torque	-0.1210	Ft-Lbs
CAN Battery Voltage	14.6	Volts
EPS Measured Module Temperature	46.2	°F

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

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Failed	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
Test Not Completed Since Last Clear	False	
Ignition Cycle Counter	2	
Original Odometer Value	3957	miles
Most Recent Odometer Value	4007	miles
Frequency Counter	4	

DMRL | B19E1-2A | Stored | Sliding Door Handle Switch-Stuck

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Occurrence flag	Error	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Original Odometer Value	3798	miles
Frequency Counter	5	
Ignition Cycle Counter	11	
Most Recent Odometer Value	3997	miles

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

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

Occurrence flag	Error	
Frequency Counter	5	
Most Recent Odometer Value	4007	miles
Original Odometer Value	3957	miles
Ignition Cycle Counter	2	

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

NAME	VALUE	UNITS
Test Failed	False	
Pending DTC	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Error	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	FF	
Warning Indicator Requested	False	
Original Odometer Value	3957	miles
Frequency Counter	5	
Most Recent Odometer Value	4007	miles
Ignition Cycle Counter	2	

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

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

Recliner motor sensor - Short to ground	False	
Vertical Rear motor sensor - Short to ground	False	
Movement Direction - Recliner Motor	Motor not moving	
Recliner motor sensor - Short to battery or open	False	
Movement Direction - Vertical Rear Motor	Motor not moving	
ECU configuration - Adjustable Pedals	False	
Movement Direction - Horizontal Motor	Motor not moving	
ECU configuration - Memory Seat	True	
ECU configuration - Stow n Assist	True	
Movement Direction - Vertical Front Motor	Motor not moving	
ECU configuration - Vehicle Line	RU	
ECU configuration - Telescope/Tilt	False	
Original Odometer Value	3679	miles
Ignition Cycle Counter	18	
Frequency Counter	1	
Most Recent Odometer Value	3679	miles
Learned Seat Travel - Current	785	Counts
Front Hard Stop - Current	33010	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Default Seat travel length	780	Counts
Front Hard Stop - Post-destandardization	33010	Counts
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
Number of ECU hard resets since latest calibration	25	Counts
Learned Seat Travel - Post-destandardization	785	Counts
ECU Voltage	2.295	Volts
Position Vertical Rear	32412	Counts
Position Horizontal Adjustment	33001	Counts
Rear Hard Stop - Post-destandardization	32225	Counts
Position Recliner	32190	Counts
Position Vertical Front	33253	Counts
Rear Hard Stop - Current	32225	Counts

PTS | U0121-00 | Stored | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-

NAME	VALUE	UNITS
DTC	C1 21 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Pending DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	

DTC Extended Data Record Number - All	03	
Warning Indicator Requested	False	
Original Odometer Value	0	miles
Most Recent Odometer Value	4007	miles
DC/DC Converter Voltage	01	Volt
Frequency Counter	6	

ACC | C2225-00 | Stored | PCM Disabled ECU-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Occurrence flag	Error	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
PRNDL Status	D range	
Most Recent Odometer Value	3927	miles
Frequency Counter	1	
Original Odometer Value	3927	miles
Operation Cycle Counter	63	
Vehicle Speed	76	MPH
Engine RPM	1728	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
Ignition Voltage	14.6	
System Voltage	14.6	Volts

ACC | C2227-00 | Stored | ABS Disabled ECU-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Error	
PRNDL Status	D range	
Frequency Counter	4	

Original Odometer Value	3877	miles
Operation Cycle Counter	52	
Most Recent Odometer Value	3977	miles
Vehicle Speed	73	MPH
Engine RPM	2336	rpm
ACC Set Speed	0	MPH
Engine Torque Request	SNA	Ft-Lbs
Object of Interest Distance	830	FEET
Ignition Voltage	14.6	
System Voltage	14.6	Volts

ACC | U148D-00 | Stored | Implausible Data Received from Forward Facing Camera-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
Test Failed Since Last Clear	True	
PRNDL Status	P range	
Original Odometer Value	3927	miles
Most Recent Odometer Value	4007	miles
Operation Cycle Counter	0	
Frequency Counter	23	
Engine RPM	0	rpm
Vehicle Speed	0	MPH
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
Ignition Voltage	11.6	
System Voltage	11.6	Volts

ACC | U0121-00 | Stored | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-

NAME	VALUE	UNITS
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	True	
Test Not Completed This Operation Cycle	True	

Warning Indicator Requested	False	
Occurrence flag	Error	
PRNDL Status	D range	
Original Odometer Value	3877	miles
Most Recent Odometer Value	4007	miles
Frequency Counter	145	
Operation Cycle Counter	0	
Vehicle Speed	0	MPH
Engine RPM	1440	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
Ignition Voltage	14.5	
System Voltage	14.5	Volts

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

NAME	VALUE	UNITS
Test Failed	False	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	True	
Occurrence flag	Error	
PRNDL Status	D range	
Original Odometer Value	3877	miles
Most Recent Odometer Value	3977	miles
Frequency Counter	4	
Operation Cycle Counter	53	
Vehicle Speed	73	MPH
Engine RPM	2336	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
Ignition Voltage	14.4	
System Voltage	14.7	Volts

ACC | C14A4-00 | Stored | Sensor Adjustment Required-

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

Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Occurrence flag	Error	
PRNDL Status	D range	
Original Odometer Value	3688	miles
Most Recent Odometer Value	3967	miles
Frequency Counter	5	
Operation Cycle Counter	53	
Vehicle Speed	78	MPH
Engine RPM	2528	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
Ignition Voltage	14.6	
System Voltage	14.6	Volts

ACC | C0063-9A | Stored | Yaw Rate Sensor-Component or System Operating Conditions

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Occurrence flag	Error	
Test Not Completed This Operation Cycle	False	
PRNDL Status	D range	
Original Odometer Value	3957	miles
Most Recent Odometer Value	3957	miles
Frequency Counter	1	
Operation Cycle Counter	56	
Vehicle Speed	78	MPH
Engine RPM	0	rpm
ACC Set Speed	0	MPH
Engine Torque Request	SNA	Ft-Lbs
Object of Interest Distance	830	FEET
Ignition Voltage	14.6	
System Voltage	14.7	Volts

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
Occurrence flag	Error	
PRNDL Status	D range	
Most Recent Odometer Value	3927	miles
Original Odometer Value	3927	miles
Frequency Counter	1	
Operation Cycle Counter	64	
Vehicle Speed	76	MPH
Engine RPM	1728	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
Ignition Voltage	14.6	
System Voltage	14.6	Volts

LBSS | U0422-00 | Stored | Implausible Data Received From 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	
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	9	
Most Recent Odometer Value	4007	miles
Original Odometer Value	3957	miles
Operation Cycle Counter	4	

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

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

Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Test Failed	False	
Most Recent Odometer Value	4007	miles
Frequency Counter	9	
Operation Cycle Counter	4	
Original Odometer Value	3957	miles

FCFM | U0129-00 | Stored | Lost Communication With Brake System Control Module 1-

NAME	VALUE	UNITS
Test Failed	False	
DTC	C1 29 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	
DTC Extended Data Record Number	01	
Occurrence flag	Error	
Test Failed This Operation Cycle	False	
Most Recent Odometer Value	4007	miles
Original Odometer Value	3917	miles
Frequency Counter	16	
Ignition Cycle Counter	4	

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

NAME	VALUE	UNITS
DTC	16 25 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	
PHEV Charging Status	No Charging	

Propulsion System Active	False	
Ignition State	Reserved	
PRND Position Display	P	
Shift Lock Status	Locked	
Reverse Shift Lock Status	Unlocked	
PRND Blink	Initialization	
Auto Correction Request	APCM Off	
Park Pawl Motor Enable Feedback	Disabled	
Park Pawl Motor Direction	Out of Park/Move Towards Disengage	
Park Pawl Status Feedback	Segment Two Complete	
Failure Reasons for Level 2 eShift	Reserved	
Park Gated Switch	In Park	
Hybrid System State	Inverters Enabled	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
HCP System Shutdown Command	Default	
Impact Event	False	
APM Status	Off	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Frequency Counter	3	
Original Odometer Value	4008.6	miles
Most Recent Odometer Value	4008.6	miles
RAM Stamps	45968	Min
Accelerator Pedal Position	0	%
Vehicle Speed	0.0000	MPH
RAM stamps keyOn	45	sec
Ignition Cycle Counter	0	
HV Battery SOC	27	%
PP Actuator Position Sensor Voltage	2.55	Volts
Real time clock	12947372	sec
Engine Coolant Temperature	28	°F
Engine Speed	0	rpm
Barometric Pressure	14	PSI
Park Pawl Motor Counts	260	Counts
Park Pawl Motor Current	0.1	AMP
Internal EPS Voltage Sense B	8.136	Volts
Park Pawl Motor PWM1	0	%
Internal EPS Voltage Sense A	8.136	Volts
Battery Feed Voltage 3 Sense	11.808	Volts
Battery Feed Voltage 2 Sense	11.880	Volts
Battery Feed Voltage 1 Sense	11.880	Volts

Actual Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Commanded Torque - Motor A	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	0	AMP
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Actual Torque - Motor A	0.000	Ft-Lbs
Motor A Resolver Angle	16	Degree
Motor A Temp Sensor	28	°F
Motor B Resolver Angle	106	Degree
Available Motor Torque - Motor A	87.205	Ft-Lbs
Motor B Temp Sensor	23	°F
HV Battery Voltage from BPCM	344.50	Volts
Outside Air Temperature	17.6	°F
Available Regen Torque - Motor B	-232.301	Ft-Lbs
PIM DC Link Voltage - B	346	Volts
Inverter A IGBT Temperature for phase A	28	°F
Electric Motor A Speed	0.5	rpm
PIM DC Link Voltage - A	343	Volts
Inverter A IGBT Temperature for phase C	28	°F
Inverter B IGBT Temperature for phase C	28	°F
Electric Motor B Speed	0.0	rpm
Inverter B IGBT Temperature for phase A	28	°F
Inverter A IGBT Temperature for phase B	28	°F
Inverter B IGBT Temperature for phase B	30	°F
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
HV Battery Sleep Time	0	Days
GPS Date - Day	1	Days
UTC Time - Seconds	0	seconds
UTC Time - Hours	0	Hours
ECU Time - Milliseconds	0	ms
UTC Time - Minutes	0	

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

NAME	VALUE	UNITS
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Test Failed	False	
DTC	06 2C 00	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	D	
Propulsion System Active	True	
CBC Wake-Up Input	Off	
HCP ePT Wake-Up Output	On	
HCP System Shutdown Command	Default	
HCP SW Version	C19A	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	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	3927.7	miles
Most Recent Odometer Value	3990.5	miles
Ignition Cycle Counter	0	
Frequency Counter	3	
Real time clock	12896744	sec
RAM stamps keyOn	450	sec
RAM Stamps	45872	Min
Accelerator Pedal Position	0	%
Engine Speed	2204	rpm
HV Battery SOC	25	%
Vehicle Speed	49.6563	MPH
Motor A Temp Sensor	145	°F
Motor B Temp Sensor	120	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	192	°F
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts

Motor A Torque	-27.655	Ft-Lbs
Motor B Torque	25.166	Ft-Lbs
Actual Torque - Motor A	-27.655	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Actual Torque - Motor B	25.166	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-75.682	Ft-Lbs
Available Motor Torque - Motor B	75.682	Ft-Lbs
Commanded Torque - Motor A	-27.471	Ft-Lbs
Commanded Torque - Motor B	19.543	Ft-Lbs
Motor A - Inverter Current - phase A	-112	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	104	AMP
Motor B - Inverter Current - phase A	-84	AMP
Motor B - Inverter Current - phase B	20	AMP
Motor B - Inverter Current - phase C	56	AMP
Motor A Resolver Angle	324	Degree
Motor B Resolver Angle	32	Degree
Electric Motor A Speed	-1351.0	rpm
Electric Motor B Speed	8502.0	rpm
PIM DC Link Voltage - A	328	Volts
PIM DC Link Voltage - B	331	Volts
HV Battery Voltage from BPCM	329.70	Volts
Outside Air Temperature	3.2	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	14.760	Volts
Battery Feed Voltage 2 Sense	14.760	Volts
Battery Feed Voltage 3 Sense	14.616	Volts
Inverter A IGBT Temperature for phase A	48	°F
Inverter A IGBT Temperature for phase B	43	°F
Inverter A IGBT Temperature for phase C	45	°F
Inverter B IGBT Temperature for phase A	30	°F
Inverter B IGBT Temperature for phase B	28	°F
Inverter B IGBT Temperature for phase C	30	°F
GPS Date - Year	0	Year
Distance Travelled with Light ON	106	miles
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

NAME	VALUE	UNITS
Test Failed	False	
DTC	21 5B 00	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	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	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
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	3886.2	miles
Most Recent Odometer Value	3992.9	miles
Ignition Cycle Counter	0	
Frequency Counter	73	
Real time clock	12896888	sec
RAM stamps keyOn	600	sec
RAM Stamps	45875	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	25	%
Motor A Temp Sensor	118	°F
Vehicle Speed	11.6653	MPH
Barometric Pressure	14	PSI
Motor B Temp Sensor	122	°F
Engine Coolant Temperature	183	°F
Internal EPS Voltage Sense A	8.136	Volts

Internal EPS Voltage Sense B	8.136	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	87.113	Ft-Lbs
Available Motor Torque - Motor B	235.988	Ft-Lbs
Available Regen Torque - Motor A	-87.113	Ft-Lbs
Available Regen Torque - Motor B	-235.988	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	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	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	336	Degree
Motor A Resolver Angle	330	Degree
Electric Motor A Speed	-2920.5	rpm
Electric Motor B Speed	2375.0	rpm
PIM DC Link Voltage - A	342	Volts
PIM DC Link Voltage - B	345	Volts
HV Battery Voltage from BPCM	343.70	Volts
Outside Air Temperature	-0.4	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	14.832	Volts
Battery Feed Voltage 3 Sense	14.616	Volts
Battery Feed Voltage 2 Sense	14.832	Volts
Inverter A IGBT Temperature for phase A	21	°F
Inverter A IGBT Temperature for phase B	19	°F
Inverter A IGBT Temperature for phase C	21	°F
Inverter B IGBT Temperature for phase A	19	°F
Inverter B IGBT Temperature for phase C	21	°F
Inverter B IGBT Temperature for phase B	19	°F
Distance Travelled with Light ON	109	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 | U0121-00 | Stored | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-

NAME	VALUE	UNITS
DTC	C1 21 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	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	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
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	3919.3	miles
Most Recent Odometer Value	4008.6	miles
Frequency Counter	36	
Ignition Cycle Counter	0	
Real time clock	12929976	sec
RAM stamps keyOn	15	sec
RAM Stamps	45948	Min
Accelerator Pedal Position	0	%
Engine Speed	1388	rpm
HV Battery SOC	26	%
Vehicle Speed	0.0243	MPH
Motor A Temp Sensor	30	°F
Motor B Temp Sensor	27	°F
Barometric Pressure	14	PSI
Internal EPS Voltage Sense A	8.136	Volts

Engine Coolant Temperature	32	°F
Internal EPS Voltage Sense B	8.136	Volts
Motor A Torque	-11.154	Ft-Lbs
Actual Torque - Motor A	-11.154	Ft-Lbs
Motor B Torque	-14.196	Ft-Lbs
Available Motor Torque - Motor B	232.393	Ft-Lbs
Actual Torque - Motor B	-14.196	Ft-Lbs
Available Motor Torque - Motor A	85.730	Ft-Lbs
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Available Regen Torque - Motor B	-232.393	Ft-Lbs
Commanded Torque - Motor A	-11.246	Ft-Lbs
Commanded Torque - Motor B	-14.196	Ft-Lbs
Motor A - Inverter Current - phase A	48	AMP
Motor A - Inverter Current - phase C	-60	AMP
Motor B - Inverter Current - phase A	-12	AMP
Motor A - Inverter Current - phase B	8	AMP
Motor B - Inverter Current - phase C	-28	AMP
Motor B - Inverter Current - phase B	32	AMP
Motor B Resolver Angle	210	Degree
Motor A Resolver Angle	154	Degree
Electric Motor A Speed	5768.0	rpm
Electric Motor B Speed	2.5	rpm
PIM DC Link Voltage - A	346	Volts
PIM DC Link Voltage - B	349	Volts
HV Battery Voltage from BPCM	347.30	Volts
Outside Air Temperature	12.2	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	14.760	Volts
Battery Feed Voltage 2 Sense	14.760	Volts
Battery Feed Voltage 3 Sense	14.544	Volts
Inverter A IGBT Temperature for phase A	34	°F
Inverter A IGBT Temperature for phase B	30	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase B	30	°F
Inverter B IGBT Temperature for phase A	27	°F
Inverter B IGBT Temperature for phase C	28	°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	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
DTC	C4 15 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	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	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
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	
Most Recent Odometer Value	3993.0	miles
Original Odometer Value	3993.0	miles
Ignition Cycle Counter	0	
Frequency Counter	1	
Real time clock	12896928	sec
RAM stamps keyOn	645	sec
RAM Stamps	45875	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	25	%
Vehicle Speed	11.9905	MPH
Motor A Temp Sensor	113	°F
Motor B Temp Sensor	120	°F
Barometric Pressure	14	PSI
Internal EPS Voltage Sense A	8.136	Volts

Internal EPS Voltage Sense B	8.136	Volts
Engine Coolant Temperature	172	°F
Motor A Torque	0.092	Ft-Lbs
Motor B Torque	31.803	Ft-Lbs
Actual Torque - Motor A	0.092	Ft-Lbs
Actual Torque - Motor B	31.803	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
Motor A - Inverter Current - phase A	0	AMP
Commanded Torque - Motor B	31.342	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase A	4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	56	AMP
Motor B - Inverter Current - phase C	-64	AMP
Motor B Resolver Angle	322	Degree
Electric Motor A Speed	-1649.0	rpm
Motor A Resolver Angle	60	Degree
Electric Motor B Speed	1342.0	rpm
PIM DC Link Voltage - A	338	Volts
PIM DC Link Voltage - B	340	Volts
HV Battery Voltage from BPCM	339.10	Volts
Outside Air Temperature	-0.4	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	14.760	Volts
Battery Feed Voltage 2 Sense	14.760	Volts
Battery Feed Voltage 3 Sense	14.616	Volts
Inverter A IGBT Temperature for phase A	27	°F
Inverter A IGBT Temperature for phase C	25	°F
Inverter A IGBT Temperature for phase B	25	°F
Inverter B IGBT Temperature for phase A	34	°F
Inverter B IGBT Temperature for phase B	34	°F
Inverter B IGBT Temperature for phase C	36	°F
Distance Travelled with Light ON	109	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 | U1820-00 | Stored | Lost Communication With Antilock Brake Module (ABS) on D-PT CAN-

NAME	VALUE	UNITS
DTC	D8 20 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	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	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
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	3886.2	miles
Most Recent Odometer Value	4008.6	miles
Frequency Counter	76	
Ignition Cycle Counter	0	
Real time clock	12929976	sec
RAM stamps keyOn	0	sec
RAM Stamps	45948	Min
Accelerator Pedal Position	0	%
Engine Speed	1388	rpm
HV Battery SOC	26	%
Vehicle Speed	0.0243	MPH
Motor A Temp Sensor	30	°F
Motor B Temp Sensor	28	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	32	°F

Internal EPS Voltage Sense B	8.136	Volts
Internal EPS Voltage Sense A	8.136	Volts
Motor B Torque	-14.381	Ft-Lbs
Motor A Torque	-11.431	Ft-Lbs
Actual Torque - Motor A	-11.431	Ft-Lbs
Actual Torque - Motor B	-14.381	Ft-Lbs
Available Motor Torque - Motor A	85.730	Ft-Lbs
Available Motor Torque - Motor B	232.577	Ft-Lbs
Available Regen Torque - Motor B	-232.577	Ft-Lbs
Commanded Torque - Motor A	-11.431	Ft-Lbs
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Commanded Torque - Motor B	-14.381	Ft-Lbs
Motor A - Inverter Current - phase A	-60	AMP
Motor A - Inverter Current - phase B	44	AMP
Motor A - Inverter Current - phase C	8	AMP
Motor B - Inverter Current - phase A	-12	AMP
Motor B - Inverter Current - phase B	32	AMP
Motor B - Inverter Current - phase C	-28	AMP
Motor B Resolver Angle	210	Degree
Motor A Resolver Angle	282	Degree
Electric Motor A Speed	5767.5	rpm
Electric Motor B Speed	2.5	rpm
PIM DC Link Voltage - A	346	Volts
PIM DC Link Voltage - B	349	Volts
HV Battery Voltage from BPCM	347.30	Volts
Outside Air Temperature	12.2	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	14.760	Volts
Battery Feed Voltage 2 Sense	14.760	Volts
Battery Feed Voltage 3 Sense	14.544	Volts
Inverter A IGBT Temperature for phase A	34	°F
Inverter A IGBT Temperature for phase B	30	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	27	°F
Inverter B IGBT Temperature for phase B	30	°F
Inverter B IGBT Temperature for phase C	28	°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 | U1850-00 | Stored | Implausible Data Received from PCM on D-PT-

NAME	VALUE	UNITS
DTC	D8 50 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Test Failed Since Last Clear	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Off	
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	3929.6	miles
Most Recent Odometer Value	4008.6	miles
Ignition Cycle Counter	0	
Frequency Counter	22	
Real time clock	12936538	sec
RAM stamps keyOn	15	sec
RAM Stamps	45954	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	27	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	25	°F
Motor B Temp Sensor	21	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	32	°F

Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Motor A Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Motor B Torque	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	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	168	Degree
Motor A Resolver Angle	342	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.5	rpm
PIM DC Link Voltage - A	343	Volts
PIM DC Link Voltage - B	346	Volts
HV Battery Voltage from BPCM	344.50	Volts
Outside Air Temperature	12.2	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	11.952	Volts
Battery Feed Voltage 2 Sense	11.952	Volts
Battery Feed Voltage 3 Sense	11.880	Volts
Inverter A IGBT Temperature for phase B	23	°F
Inverter A IGBT Temperature for phase A	25	°F
Inverter A IGBT Temperature for phase C	25	°F
Inverter B IGBT Temperature for phase B	25	°F
Inverter B IGBT Temperature for phase A	23	°F
Inverter B IGBT Temperature for phase C	23	°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 - 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	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	D	
Propulsion System Active	True	
HCP ePT Wake-Up Output	On	
HCP System Shutdown Command	Default	
CBC Wake-Up Input	Off	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
HV Contactor Status	Closed	
EPT LOC Diag Enable	Enable LOC Diagnostic	
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	3886.2	miles
Most Recent Odometer Value	3983.3	miles
Frequency Counter	21	
Ignition Cycle Counter	0	
Real time clock	12896396	sec
RAM stamps keyOn	105	sec
RAM Stamps	45866	Min
Accelerator Pedal Position	0	%
Engine Speed	2486	rpm
HV Battery SOC	22	%
Vehicle Speed	73.4043	MPH
Motor A Temp Sensor	124	°F
Motor B Temp Sensor	120	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	172	°F

Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Motor A Torque	-46.552	Ft-Lbs
Motor B Torque	-0.553	Ft-Lbs
Actual Torque - Motor A	-46.552	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Actual Torque - Motor B	-0.553	Ft-Lbs
Available Motor Torque - Motor B	80.844	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Commanded Torque - Motor A	-46.460	Ft-Lbs
Commanded Torque - Motor B	0.737	Ft-Lbs
Available Regen Torque - Motor B	-80.844	Ft-Lbs
Motor A - Inverter Current - phase B	-24	AMP
Motor A - Inverter Current - phase A	-156	AMP
Motor A - Inverter Current - phase C	172	AMP
Motor B - Inverter Current - phase A	-28	AMP
Motor B - Inverter Current - phase B	12	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	342	Degree
Motor A Resolver Angle	348	Degree
Electric Motor B Speed	8142.5	rpm
Electric Motor A Speed	282.0	rpm
PIM DC Link Voltage - A	334	Volts
PIM DC Link Voltage - B	337	Volts
HV Battery Voltage from BPCM	335.70	Volts
Outside Air Temperature	-0.4	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	14.760	Volts
Battery Feed Voltage 2 Sense	14.760	Volts
Battery Feed Voltage 3 Sense	14.616	Volts
Inverter A IGBT Temperature for phase A	52	°F
Inverter A IGBT Temperature for phase B	46	°F
Inverter A IGBT Temperature for phase C	48	°F
Inverter B IGBT Temperature for phase A	30	°F
Inverter B IGBT Temperature for phase B	30	°F
Inverter B IGBT Temperature for phase C	32	°F
Distance Travelled with Light ON	99	miles
GPS Date - Year	0	Year
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

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Pending DTC	False	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Test Failed This Operation Cycle	False	
Occurrence flag	Occurrence	
Test Not Completed Since Last Clear	False	
Original Odometer Value	3679	miles
Ignition Cycle Counter	18	
Most Recent Odometer Value	3679	miles
Frequency Counter	1	

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

NAME	VALUE	UNITS
Test Failed	False	
DTC	C4 22 00	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Most Recent Odometer Value	4007	miles
Ignition Cycle Counter	2	
Frequency Counter	10	
Original Odometer Value	3957	miles

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

NAME	VALUE	UNITS
DTC	C4 22 00	
Test Failed	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Warning Indicator Requested	False	

DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
Occurrence flag	Occurrence	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Ignition Status	Ignition Status: Running	
Rear Right Door Ajar	Inactive	
Calibration Failure - Calibration Data Inconsistent	Off	
Touch Screen X Coordinate	0000	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Liftgate Ajar	Inactive	
Reverse Gear	Inactive	
Driver Door Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Radio Display Status	Display Status: Normal	
Touch Screen Y Coordinate	0000	
Ignition Cycle Counter	4	
DTC Extended Data Record Number 2	2	
Frequency Counter	5	
Most Recent Odometer Value	4007	miles
Original Odometer Value	3957	miles
Battery Voltage	14.6	V
ECU Voltage	14.4	V
Vehicle Speed	FFFF	MPH
Steering Wheel Angle	2.5	Deg

SNAPSHOT DATA SUMMARY

No Snapshot Data available for U1186

No Snapshot Data available for U1141

No Snapshot Data available for U11BC

No Snapshot Data available for U1120

No Snapshot Data available for U1110

No Snapshot Data available for U1820

No Snapshot Data available for P0113

No Snapshot Data available for U0121-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U148D-00

No Snapshot Data available for U0422-00

No Snapshot Data available for B19E1-2A

No Snapshot Data available for U0422-00

No Snapshot Data available for U0422-00

No Snapshot Data available for B222D-00

No Snapshot Data available for U0121-00

No Snapshot Data available for C2225-00

No Snapshot Data available for C2227-00

No Snapshot Data available for U148D-00

No Snapshot Data available for U0121-00

No Snapshot Data available for U0415-00

No Snapshot Data available for C14A4-00

No Snapshot Data available for C0063-9A

No Snapshot Data available for U0401-00

No Snapshot Data available for U0422-00

No Snapshot Data available for U0422-00

No Snapshot Data available for U0129-00

No Snapshot Data available for P1625-00

No Snapshot Data available for P062C-00

No Snapshot Data available for P215B-00

No Snapshot Data available for U0121-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U1820-00

No Snapshot Data available for U1850-00

No Snapshot Data available for U1852-00

No Snapshot Data available for B222D-00

No Snapshot Data available for U0422-00

No Snapshot Data available for U0422-00