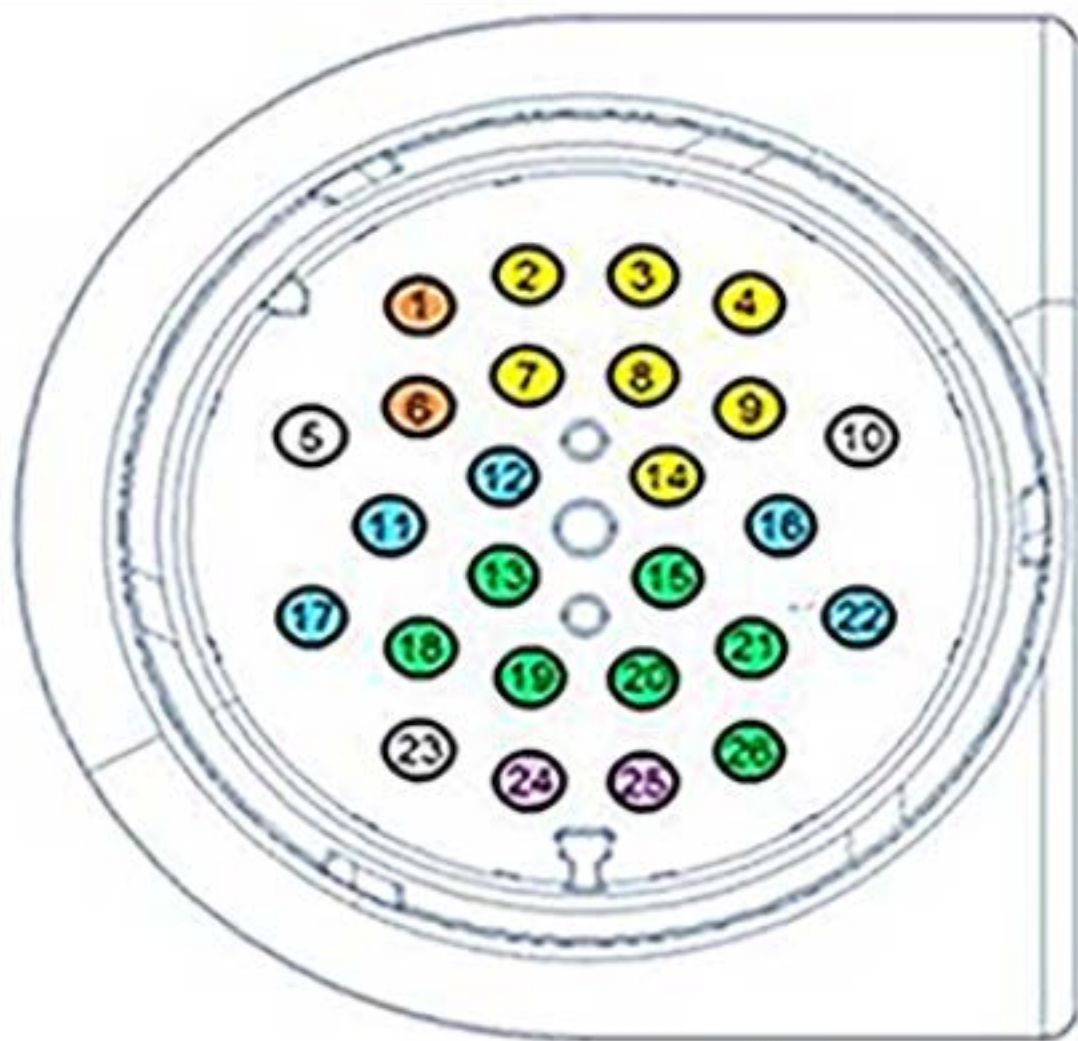


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Pinout view of 26 Pin Trans Connector













VEHICLE SCAN REPORT

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

Odometer 20078.6 miles
Publication Date Dec 23, 2019, 6:19:14 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68416680AD	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68416680AD
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AC	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68383680AC
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68316558AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68316094AF
AMP	Amplifier	CAN-I	68440634AA	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68440634AA
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68405292AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AC	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68360889AC
BCM	Body Controller	CAN-C	68402177AB	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68402177AB
ACC	Adaptive Cruise Control	CAN-C	04672758AB	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	04672758AB
HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1N7 [REDACTED]	2C4RC1N76 [REDACTED]	68421106AA

RADIO	Radio	CAN-I	68401447AB	2C4RC1	2C4RC1N76	68401447AB
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N7	2C4RC1N76	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N7	2C4RC1N76	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N76	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N76	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N7	2C4RC1N76	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N7	2C4RC1N76	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N7	2C4RC1N76	05185046AB
BPCM	Battery Pack Control Module	CAN-C	68429967AD	2C4RC1N7	2C4RC1N76	68429967AD
HCP	Hybrid Control Processor	CAN-C	05190240AM	2C4RC1N7	2C4RC1N76	05190240AM
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N7	2C4RC1N76	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N7	2C4RC1N76	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N7	2C4RC1N76	68316174AB
VRM	Video Routing Module	CAN-I	68376134AE	2C4RC1N7	2C4RC1N76	68376134AE
RCCC	Rear Cabin Comfort Controls	CAN-I	68395990AA	2C4RC1N7	2C4RC1N76	68395990AA
CVPM	Central vision processing module	CAN-I	68375113AA	2C4RC1N7	2C4RC1N76	68375113AA
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N7	2C4RC1N76	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AM	2C4RC1N7	2C4RC1N76	05190241AM
EBBM	Electronic Brake Booster Module	CAN-C	68240033AJ	2C4RC1N7	2C4RC1N76	68240033AJ
ABSO	Anti Lock Brakes OBD	CAN-C	68352786AA	2C4RC1N7	2C4RC1N76	68352786AA
SGW	Security Gateway Module	CAN-C	68420261AA		2C4RC1N76	68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	VARIANT	VERSION	ISO CODE	CVNS
PCM	USA	1B 47	91 04 01	44	59		6A4A921C
ICS	USA	0F 0C 00	11 16 00	47	00		
RFH	USA / USA	10 17 00	12 18 00	4A	00		
ESM	USA / USA	0F 24 00	12 02 FF	44	02		
ORC	USA / USA	11 1F 00	11 27 00	43	01		
EPS	USA / USA	12 02 03	11 15 01	45	02		
HVAC	USA	0E 09 00	11 29 01	44	01		

DDM	USA / USA	11 30 00	17 42 00	41	02		
PDM	USA	11 30 00	17 42 00	41	02		
DMRL	USA / USA	10 0B 00	12 0C 00	42	01		
DMRR	USA / USA	10 0B 00	12 0C 00	42	01		
PSDML	USA / USA	10 17 00	11 2D 10	40	01		
PSDMR	USA / USA	10 17 00	11 2D 10	40	01		
MSM	USA	0F 2B 00	10 27 03	41	01		
PLGM	USA	17 19 00	18 22 00	42	02		
AMP	USA	0F 05 01	12 1A 01	40	21		
IPC	USA / USA	12 0A 00	12 10 00	47	04		
PTS	USA	0E 32 00	12 1F 00	43	11		
SCCM	USA	0E 30 00	10 2B 00	43	01		
BCM	USA	0D 11 00	12 0B 90	44	15		
ACC	USA / USA	12 2F 00	11 0D 00	42	01		
HSM	USA / USA	15 12 00	12 05 01	40	03		
RADIO	USA	12 21 24	12 21 24	82	05		
OCM	USA / USA	11 1F 01	0E 2F 02	40	30		
HVACR	USA	0E 09 00	10 03 02	43	01		
LBSS	USA / USA	11 30 02	12 0D 00	42	02		
RBSS	USA / USA	11 30 02	12 0D 00	42	02		
FFCM	USA / USA	11 06 00	11 2B 00	41	02		
EDM	USA	12 0A 00	11 08 00	40	00		
APM	USA / USA	11 32 00	11 32 00	40	01		
BPCM		0E 03 00	12 07 04	40	05		FEDBFE12
HCP	USA	11 1D 07	12 20 01	40	04		6C36848E 5412B2DD 31B4913E
OBCM	USA	0F 0D 00	11 2B 00	40	02		
MSMP	USA	0F 2B 00	10 27 03	40	01		
DSM	USA / USA	11 16 00	11 15 00	40	00		
VRM	USA / USA	0F 1C 00	11 32 13	40	01		
RCCC	USA	0F 1D 00	11 16 00	40	00		
CVPM	USA / USA	11 32 01	12 13 04	40	03		
EAC	USA	0E 34 00	12 0F 00	41	02		
AHCP	USA	11 1D 07	12 20 01	40	00		
EBBM	USA	0E 19 02	11 18 14	40	00		BBFD096B
ABSO	USA	0E 15 02	11 0B 16	42	01		A1B31723
SGW		5	564	41	02		

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	P2110	Electronic Throttle Control System Bank 1 - Forced Limited RPM	Stored
PCM	P2118	Electronic Throttle Control Motor Current Performance - Bank 1	Stored
ICS	B210D-16	Battery Voltage Low-Circuit Voltage Below Threshold	Stored
ICS	B21DD-84	System Voltage-Signal Below Allowable Range	Stored

RFH	B2199-17	Battery Voltage-Circuit Voltage Above Threshold	Stored
RFH	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
ESM	P1C8C-16	System Voltage-Circuit Voltage Below Threshold	Stored
ESM	P1C8B-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
ESM	U0594-00	Implausible Data Received From Hybrid Control Module-	Stored
ORC	B210A-00	System Voltage Low-	Stored
ORC	U0154-00	Lost Communication With Occupant Classification Module-	Stored
EPS	C2129-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
EPS	C212A-84	System Voltage-Signal Below Allowable Range	Stored
HVAC	B10EB-00	Blower Power Module-	Stored
HVAC	B210D-84	Battery Voltage Low-Signal Below Allowable Range	Stored
HVAC	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
DDM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
DDM	B2860-15	Door Ambient Light Control-Circuit Short to Battery or Open	Stored
DDM	B210C-16	Battery Voltage Input-Circuit Voltage Below Threshold	Stored
PDM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
PDM	B2860-15	Door Ambient Light Control-Circuit Short to Battery or Open	Stored
PDM	B210C-16	Battery Voltage Input-Circuit Voltage Below Threshold	Stored
DMRL	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
DMRL	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
DMRR	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
DMRR	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
PSDML	B22A9-00	ECU Internal Performance-	Stored
PSDML	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
PSDML	U0422-00	Implausible Data Received From Body Control Module-	Stored
PSDML	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
PSDMR	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
PSDMR	U0422-00	Implausible Data Received From Body Control Module-	Stored
PSDMR	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
MSM	B222D-00	ECU Unable To Configure/Configuration Not Learned-	Stored
MSM	B210D-21	Battery Voltage Low-Signal Amplitude < Minimum	Stored
MSM	B210A-84	System Voltage Low-Signal Below Allowable Range	Stored
PLGM	B21DD-16	System Voltage-Circuit Voltage Below Threshold	Stored
PLGM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
AMP	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
AMP	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
AMP	B143B-12	ANC Microphone 1-Circuit Short to Battery	Stored
AMP	B143C-12	ANC Microphone 2-Circuit Short to Battery	Stored
AMP	B143E-12	ANC Microphone 3-Circuit Short to Battery	Stored
AMP	B143F-12	ANC Microphone 4-Circuit Short to Battery	Stored
IPC	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
IPC	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
PTS	B21DD-16	System Voltage-Circuit Voltage Below Threshold	Stored
PTS	B210C-16	Battery Voltage Input-Circuit Voltage Below Threshold	Stored

PTS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
SCCM	C212A-16	System Voltage-Circuit Voltage Below Threshold	Stored
BCM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
ACC	P1666-00	Cruise Control Module Internal-	Stored
ACC	C2129-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
ACC	C2227-00	ABS Disabled ECU-	Stored
HSM	B11C1-13	Steering Wheel Heater Power Supply Circuit-Circuit Open	Stored
HSM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
HSM	B210C-18	Battery Voltage Input-Under Current	Stored
RADIO	B280B-00	NTSC Video Input-	Stored
RADIO	B210A-16	System Voltage Low-Circuit Voltage Below Threshold	Active
RADIO	B156F-00	WiFi Antenna-	Active
OCM	B210A-00	System Voltage Low-	Stored
HVACR	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
HVACR	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
LBSS	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
LBSS	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
RBSS	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
RBSS	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
FFCM	B210A-00	System Voltage Low-	Stored
FFCM	C211B-16	Ignition Run/Start Input-Circuit Voltage Below Threshold	Stored
EDM	U0011-00	CAN Interior Bus Off Performance-	Stored
EDM	B210A-00	System Voltage Low-	Stored
HCP	P0562-00	System Voltage Low-	Stored
HCP	P0563-00	System Voltage High-	Stored
HCP	P062F-00	Internal Control Module EEPROM Error-	Stored
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Active
HCP	P0A43-00	Drive Motor "A" Position Sensor Circuit Intermittent-	Stored
HCP	P0C19-00	Drive Motor A Torque Delivered Performance-	Active
HCP	P1B03-00	Resolver Signal / MCPA Rationality-	Stored
HCP	P1B0F-00	Drive Motor A Position Sensor Offset Incorrect-	Stored
HCP	U1124-00	Lost Communication With LIN ECU 4-	Stored
MSMP	B222D-00	ECU Unable To Configure/Configuration Not Learned-	Stored
MSMP	B210D-21	Battery Voltage Low-Signal Amplitude < Minimum	Stored
MSMP	B210A-84	System Voltage Low-Signal Below Allowable Range	Stored
VRM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
VRM	B14DE-00	Lost Low Voltage Differential Signal (LVDS) Connection with EDM-	Stored
VRM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
VRM	B15AD-00	Lost Low Voltage Differential Signal (LVDS) Connection with Media Port 1-	Stored
RCCC	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
RCCC	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
CVPM	U0184-00	Lost Communication With Radio-	Stored
CVPM	U0485-00	Implausible Data Received From Radio-	Stored
CVPM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored

CVPM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
CVPM	U0264-00	Lost Communication With Camera Module - Rear-	Stored
CVPM	B217A-92	Rear Camera-Performance or Incorrect Operation	Stored
CVPM	B22A9-00	ECU Internal Performance-	Stored
ABSO	C2103-00	System Voltage High-	Stored
ABSO	C2200-00	Anti-lock Brake Module Internal-	Stored
ABSO	C2222-00	Improper Powerdown-	Active
SGW	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | P2110 | STORED | ELECTRONIC THROTTLE CONTROL SYSTEM BANK 1 - FORCED LIMITED RPM

NAME	VALUE	UNITS
DTC	21 10	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Number of DTC	1	
Odometer	20042.9	miles
Accumulation Timer	2	minutes
Ignition Key Cycles	3	
Starts Since Set Counter	3	
Good Trip Counter	0	
Key Cycles Since DTC Last Set Counter	4	
Warm Up Cycles	0	

PCM | P2118 | STORED | ELECTRONIC THROTTLE CONTROL MOTOR CURRENT PERFORMANCE - BANK 1

NAME	VALUE	UNITS
DTC Storage State	Stored	
DTC	21 18	
DTC Readiness Flag	Not Complete	
Warning Indicator Request State	Off	
Number of DTC	1	
Ignition Key Cycles	3	
Accumulation Timer	2	minutes
Starts Since Set Counter	3	
Odometer	20042.9	miles
Key Cycles Since DTC Last Set Counter	4	
Warm Up Cycles	0	
Good Trip Counter	0	

ICS | B210D-16 | STORED | BATTERY VOLTAGE LOW-CIRCUIT VOLTAGE BELOW THRESHOLD

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 Since Last Clear	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Frequency Counter	1	
Ignition Cycle Counter	16	

ICS | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
Test Failed	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Occurrence flag	Occurrence	
Frequency Counter	1	
Most Recent Odometer Value	20073	miles
Ignition Cycle Counter	16	
Original Odometer Value	20073	miles

RFH | B2199-17 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE ABOVE THRESHOLD

NAME	VALUE	UNITS
Pending DTC	False	
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Most Recent Odometer Value	20073	miles
Ignition Cycle Counter	5	

Frequency Counter	1	
Original Odometer Value	20073	miles

RFH | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Pending DTC	False	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Warning Indicator Requested	False	
Frequency Counter	1	
Most Recent Odometer Value	20073	miles
Original Odometer Value	20073	miles
Ignition Cycle Counter	5	

ESM | P1C8C-16 | STORED | SYSTEM VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
DTC	1C 8C 16	
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	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Ignition Status	Ignition Run	
Frequency Counter	10	
Ignition Cycle Counter	3	
Original Odometer Value	20073	miles
Operating Voltage	9.9	Volts
Operation Time	40819	Min
Most Recent Odometer Value	20073	miles

ESM | P1C8B-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
Test Failed	False	
DTC	1C 8B 16	

Pending DTC	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Ignition Status	Ignition Run	
Most Recent Odometer Value	20073	miles
Original Odometer Value	20073	miles
Frequency Counter	11	
Operating Voltage	9.9	Volts
Operation Time	40819	Min
Ignition Cycle Counter	3	

ESM | U0594-00 | STORED | IMPLAUSIBLE DATA RECEIVED FROM HYBRID CONTROL MODULE-

NAME	VALUE	UNITS
Test Failed	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	False	
DTC	C5 94 00	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Pending DTC	False	
Test Failed Since Last Clear	True	
Ignition Status	Ignition Lock	
Occurrence flag	Occurrence	
Sub-Faults	00	
Most Recent Odometer Value	20073	miles
Frequency Counter	2	
Operating Voltage	5.4	Volts
Operation Time	40750	Min
Original Odometer Value	20073	miles
Ignition Cycle Counter	5	

ORC | B210A-00 | STORED | SYSTEM VOLTAGE LOW-

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	Occurrence	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	FF	
Operation Cycle Counter	12	
Most Recent Odometer Value	20073	miles
Frequency Counter	2	
Original Odometer Value	20073	miles

ORC | U0154-00 | STORED | LOST COMMUNICATION WITH OCCUPANT CLASSIFICATION MODULE-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Pending DTC	False	
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Occurrence flag	ERROR	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	FF	
Most Recent Odometer Value	20073	miles
Original Odometer Value	20073	miles
Operation Cycle Counter	29	
Frequency Counter	2	

EPS | C2129-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
DTC	61 29 16	
Test Failed This Operation Cycle	False	
Test Failed	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	ERROR	
Supplier Internal Fault Code	00 B1 00	
Frequency Counter	1	
Ignition Cycle Counter	9	
Most Recent Odometer Value	20073	miles
Original Odometer Value	20073	miles

EPS Internal Filtered Vehicle Speed	0.000	MPH
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	-75.07	Deg
EPS System Current Draw	1	A
EPS Steering Wheel Velocity	-0.00	deg/s
EPS Steering Wheel Torque	-0.0749	Ft-Lbs
CAN Battery Voltage	9.8	Volts
EPS Measured Module Voltage	9.72	V
EPS Measured Module Temperature	41.2	°F

EPS | C212A-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
DTC	61 2A 84	
Test Failed This Operation Cycle	False	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Occurrence flag	ERROR	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Supplier Internal Fault Code	01 4E 01	
Original Odometer Value	20073	miles
Frequency Counter	2	
Ignition Cycle Counter	5	
Most Recent Odometer Value	20073	miles
EPS Internal Filtered Vehicle Speed	1.573	MPH
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	147.98	Deg
EPS System Current Draw	22	A
EPS Steering Wheel Velocity	4.31	deg/s
EPS Measured Module Temperature	49.3	°F
EPS Steering Wheel Torque	-1.9474	Ft-Lbs
EPS Measured Module Voltage	9.65	V
CAN Battery Voltage	9.9	Volts

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

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

Occurrence flag	ERROR	
Warning Indicator Requested	False	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Frequency Counter	6	
Ignition Cycle Counter	1	

HVAC | B210D-84 | STORED | BATTERY VOLTAGE LOW-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
Test Failed	False	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Occurrence flag	ERROR	
Warning Indicator Requested	False	
Most Recent Odometer Value	20073	miles
Original Odometer Value	20073	miles
Ignition Cycle Counter	10	
Frequency Counter	1	

HVAC | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test 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	
Original Odometer Value	20073	miles
Frequency Counter	1	
Ignition Cycle Counter	10	
Most Recent Odometer Value	20073	miles

DDM | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

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

Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Most Recent Odometer Value	20073	miles
Operation Cycle Counter	3	
Original Odometer Value	20073	miles
Frequency Counter	2	

DDM | B2860-15 | STORED | DOOR AMBIENT LIGHT CONTROL-CIRCUIT SHORT TO BATTERY OR OPEN

NAME	VALUE	UNITS
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	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Warning Indicator Requested	False	
Most Recent Odometer Value	20073	miles
Original Odometer Value	20073	miles
Frequency Counter	1	
Operation Cycle Counter	3	

DDM | B210C-16 | STORED | BATTERY VOLTAGE INPUT-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Operation Cycle Counter	4	

Frequency Counter	1	
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PDM | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	False	
Confirmed DTC	True	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Frequency Counter	2	
Operation Cycle Counter	4	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles

PDM | B2860-15 | STORED | DOOR AMBIENT LIGHT CONTROL-CIRCUIT SHORT TO BATTERY OR OPEN

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	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Operation Cycle Counter	4	
Most Recent Odometer Value	20073	miles
Frequency Counter	1	
Original Odometer Value	20073	miles

PDM | B210C-16 | STORED | BATTERY VOLTAGE INPUT-CIRCUIT VOLTAGE BELOW THRESHOLD

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

Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Frequency Counter	1	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Operation Cycle Counter	6	

DMRL | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Ignition Cycle Counter	10	
Frequency Counter	1	

DMRL | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
Test Failed	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Pending DTC	False	
Occurrence flag	Occurrence	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Original Odometer Value	20073	miles
Ignition Cycle Counter	10	
Most Recent Odometer Value	20073	miles
Frequency Counter	1	

DMRR | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

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NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Most Recent Odometer Value	20073	miles
Original Odometer Value	20073	miles
Ignition Cycle Counter	10	
Frequency Counter	1	

DMRR | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

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	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Ignition Cycle Counter	10	
Frequency Counter	1	

PSDML | B22A9-00 | STORED | ECU INTERNAL PERFORMANCE-

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	FF	

Occurrence flag	ERROR	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Frequency Counter	1	
Ignition Cycle Counter	9	

PSDML | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

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	FF	
Occurrence flag	Occurrence	
Original Odometer Value	20073	miles
Frequency Counter	47	
Most Recent Odometer Value	20073	miles
Ignition Cycle Counter	16	

PSDML | U0422-00 | STORED | IMPLAUSIBLE DATA RECEIVED FROM BODY CONTROL MODULE-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	False	
Confirmed DTC	True	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	FF	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	20073	miles
Frequency Counter	1	
Most Recent Odometer Value	20073	miles
Ignition Cycle Counter	15	

PSDML | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

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

Confirmed DTC	True	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	FF	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Frequency Counter	1	
Ignition Cycle Counter	12	

PSDMR | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	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	
DTC Extended Data Record Number - All	FF	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	20073	miles
Frequency Counter	73	
Most Recent Odometer Value	20073	miles
Ignition Cycle Counter	16	

PSDMR | U0422-00 | STORED | IMPLAUSIBLE DATA RECEIVED FROM BODY CONTROL MODULE-

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	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Test Not Completed This Operation Cycle	False	
Occurrence flag	ERROR	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles

Ignition Cycle Counter	15	
Frequency Counter	1	

PSDMR | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	FF	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Frequency Counter	1	
Ignition Cycle Counter	12	

MSM | B222D-00 | STORED | ECU UNABLE TO CONFIGURE/CONFIGURATION NOT LEARNED-

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

Movement Direction - Recliner Motor	Motor not moving	
Movement Direction - Horizontal Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	
Movement Direction - Vertical Front Motor	Motor not moving	
ECU configuration - Vehicle Line	RU	
ECU configuration - Adjustable Pedals	False	
ECU configuration - Telescope/Tilt	False	
ECU configuration - Memory Seat	True	
ECU configuration - Stow n Assist	True	
Original Odometer Value	20053	miles
Frequency Counter	1	
Most Recent Odometer Value	20053	miles
Ignition Cycle Counter	5	
Front Hard Stop - Current	33002	Counts
Rear Hard Stop - Current	32218	Counts
Learned Seat Travel - Current	784	Counts
Default Seat travel length	780	Counts
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
Learned Seat Travel - Post-destandardization	784	Counts
Rear Hard Stop - Post-destandardization	32218	Counts
Front Hard Stop - Post-destandardization	33002	Counts
Number of ECU hard resets since latest calibration	14	Counts
Position Vertical Rear	32851	Counts
ECU Voltage	1.735	Volts
Position Horizontal Adjustment	32464	Counts
Position Recliner	31950	Counts
Position Vertical Front	32979	Counts

MSM | B210D-21 | STORED | BATTERY VOLTAGE LOW-SIGNAL AMPLITUDE < MINIMUM

NAME	VALUE	UNITS
Test Failed	False	
DTC	A1 0D 21	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
DTC Extended Data Record Number - All	01	
DTC Extended Data Record Number	11	

Calibration Version	03 09 00 01	
Destandardization Reason	Diagnostics	
Vertical Front motor sensor - Short to ground	False	
Vertical Rear motor sensor - Short to ground	False	
Vertical Front motor sensor - Short to battery or open	False	
Horizontal motor sensor - Short to battery or open	False	
Horizontal motor sensor - Short to ground	False	
Vertical Rear motor sensor - Short to battery or open	False	
Recliner motor sensor - Short to ground	False	
Recliner motor sensor - Short to battery or open	False	
Movement Direction - Horizontal Motor	Motor not moving	
Movement Direction - Recliner Motor	Motor not moving	
Movement Direction - Vertical Front Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	
ECU configuration - Adjustable Pedals	False	
ECU configuration - Memory Seat	True	
ECU configuration - Telescope/Tilt	False	
ECU configuration - Vehicle Line	RU	
ECU configuration - Stow n Assist	True	
Original Odometer Value	20053	miles
Most Recent Odometer Value	20053	miles
Frequency Counter	1	
Ignition Cycle Counter	9	
Rear Hard Stop - Current	32218	Counts
Front Hard Stop - Current	33002	Counts
Learned Seat Travel - Current	784	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
Default Seat travel length	780	Counts
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Front Hard Stop - Post-destandardization	33002	Counts
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
Rear Hard Stop - Post-destandardization	32218	Counts
Learned Seat Travel - Post-destandardization	784	Counts
ECU Voltage	1.554	Volts
Number of ECU hard resets since latest calibration	8	Counts
Position Vertical Rear	32851	Counts
Position Vertical Front	32979	Counts
Position Recliner	31950	Counts
Position Horizontal Adjustment	32464	Counts

MSM | B210A-84 | STORED | SYSTEM VOLTAGE LOW-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
DTC	A1 0A 84	
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	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Warning Indicator Requested	False	
Calibration Version	03 09 00 01	
DTC Extended Data Record Number	0F	
Destandardization Reason	Diagnostics	
Vertical Front motor sensor - Short to ground	False	
Vertical Rear motor sensor - Short to ground	False	
Vertical Rear motor sensor - Short to battery or open	False	
Vertical Front motor sensor - Short to battery or open	False	
Horizontal motor sensor - Short to battery or open	False	
Horizontal motor sensor - Short to ground	False	
Recliner motor sensor - Short to ground	False	
Recliner motor sensor - Short to battery or open	False	
Movement Direction - Horizontal Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	
Movement Direction - Vertical Front Motor	Motor not moving	
Movement Direction - Recliner Motor	Motor not moving	
ECU configuration - Vehicle Line	RU	
ECU configuration - Adjustable Pedals	False	
ECU configuration - Telescope/Tilt	False	
ECU configuration - Memory Seat	True	
ECU configuration - Stow n Assist	True	
Original Odometer Value	20053	miles
Most Recent Odometer Value	20053	miles
Frequency Counter	1	
Front Hard Stop - Current	33002	Counts
Ignition Cycle Counter	9	
Learned Seat Travel - Current	784	Counts
Default Seat travel length	780	Counts
Rear Hard Stop - Current	32218	Counts
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
Front Hard Stop - Post-destandardization	33002	Counts
Rear Hard Stop - Post-destandardization	32218	Counts
ECU Voltage	1.626	Volts
Learned Seat Travel - Post-destandardization	784	Counts

Position Vertical Rear	32851	Counts
Position Horizontal Adjustment	32464	Counts
Number of ECU hard resets since latest calibration	8	Counts
Position Recliner	31950	Counts
Position Vertical Front	32979	Counts

PLGM | B21DD-16 | STORED | SYSTEM VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
Confirmed DTC	True	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Failed	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Occurrence flag	Occurrence	
Warning Indicator Requested	False	
Most Recent Odometer Value	20073	miles
Original Odometer Value	20073	miles
Operation Cycle Counter	0	
Frequency Counter	3	

PLGM | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	True	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Test Failed Since Last Clear	True	
Frequency Counter	3	
Operation Cycle Counter	0	
Most Recent Odometer Value	20073	miles
Original Odometer Value	20073	miles

AMP | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
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	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Frequency Counter	2	
Ignition Cycle Counter	1	

AMP | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
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	20073	miles
Most Recent Odometer Value	20073	miles
Frequency Counter	2	
Ignition Cycle Counter	1	

AMP | B143B-12 | STORED | ANC MICROPHONE 1-CIRCUIT SHORT TO BATTERY

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	ERROR	
Original Odometer Value	20073	miles
Ignition Cycle Counter	1	
Frequency Counter	17	
Most Recent Odometer Value	0	miles

AMP | B143C-12 | STORED | ANC MICROPHONE 2-CIRCUIT SHORT TO BATTERY

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	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	20073	miles
Frequency Counter	17	
Most Recent Odometer Value	0	miles
Ignition Cycle Counter	1	

AMP | B143E-12 | STORED | ANC MICROPHONE 3-CIRCUIT SHORT TO BATTERY

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	ERROR	
Original Odometer Value	20073	miles
Most Recent Odometer Value	0	miles
Frequency Counter	18	
Ignition Cycle Counter	1	

AMP | B143F-12 | STORED | ANC MICROPHONE 4-CIRCUIT SHORT TO BATTERY

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	ERROR	
Original Odometer Value	20073	miles
Most Recent Odometer Value	0	miles
Frequency Counter	17	
Ignition Cycle Counter	1	

IPC | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Pending DTC	False	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	FF	
Occurrence flag	Occurrence	
Test Not Completed This Operation Cycle	False	
Frequency Counter	2	
Most Recent Odometer Value	20073	miles
Original Odometer Value	20073	miles
Ignition Cycle Counter	2	

IPC | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
Test Failed	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	False	
Pending DTC	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
DTC Extended Data Record Number - All	FF	
Most Recent Odometer Value	20073	miles
Original Odometer Value	20073	miles
Ignition Cycle Counter	2	
Frequency Counter	1	

PTS | B21DD-16 | STORED | SYSTEM VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
DTC	A1 DD 16	

Test Failed This Operation Cycle	False	
Test Failed	False	
Pending DTC	False	
Test Not Completed Since Last Clear	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	03	
Occurrence flag	ERROR	
Original Odometer Value	0	miles
Most Recent Odometer Value	20073	miles
Frequency Counter	2	
DC/DC Converter Voltage	6C	Volt

PTS | B210C-16 | STORED | BATTERY VOLTAGE INPUT-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
DTC	A1 0C 16	
Test Failed	False	
Confirmed DTC	True	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	03	
Test Not Completed This Operation Cycle	False	
Occurrence flag	ERROR	
Warning Indicator Requested	False	
Original Odometer Value	0	miles
Frequency Counter	2	
Most Recent Odometer Value	20073	miles
DC/DC Converter Voltage	6C	Volt

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	False	
Test Failed	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	
Test Failed Since Last Clear	True	

DTC Extended Data Record Number - All	03	
Occurrence flag	Occurrence	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
DC/DC Converter Voltage	1C	Volt
Frequency Counter	1	

SCCM | C212A-16 | STORED | SYSTEM VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
DTC	61 2A 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
Occurrence flag	ERROR	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - 2	02	
Ignition Status	Ignition Run	
Sub-Faults Active	00 01	
Sub-Faults Saved	00 00	
Frequency Counter	1	
Ignition Cycle Counter	11	
Original Odometer Value	20073	miles
Operating Voltage	9.8	Volts
Most Recent Odometer Value	20073	miles

BCM | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Failed	False	
Occurrence flag	ERROR	
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	01	
Most Recent Odometer Value	20073	miles
Frequency Counter	1	

Ignition Cycle Counter	9	
Original Odometer Value	20073	miles

ACC | P1666-00 | STORED | CRUISE CONTROL MODULE INTERNAL-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Test Failed Since Last Clear	False	
Occurrence flag	ERROR	
PRNDL Status	R range	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Frequency Counter	3	
Operation Cycle Counter	11	
Engine RPM	0	rpm
Vehicle Speed	0	MPH
ACC Set Speed	0	MPH
Engine Torque Request	SNA	Ft-Lbs
Object of Interest Distance	830	FEET
System Voltage	6.6	Volts
Ignition Voltage	6.5	

ACC | C2129-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
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	
PRNDL Status	P range	
Original Odometer Value	20073	miles
Operation Cycle Counter	18	
Frequency Counter	1	
Most Recent Odometer Value	20073	miles
Engine RPM	0	rpm

Vehicle Speed	0	MPH
Object of Interest Distance	830	FEET
ACC Set Speed	0	MPH
Engine Torque Request	SNA	Ft-Lbs
Ignition Voltage	9.2	
System Voltage	9.3	Volts

ACC | C2227-00 | STORED | ABS DISABLED ECU-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Pending DTC	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	ERROR	
Warning Indicator Requested	False	
PRNDL Status	P range	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Frequency Counter	1	
Operation Cycle Counter	18	
Engine RPM	0	rpm
Vehicle Speed	0	MPH
ACC Set Speed	0	MPH
Engine Torque Request	SNA	Ft-Lbs
Object of Interest Distance	830	FEET
System Voltage	9.3	Volts
Ignition Voltage	9.3	

HSM | B11C1-13 | STORED | STEERING WHEEL HEATER POWER SUPPLY CIRCUIT-CIRCUIT OPEN

NAME	VALUE	UNITS
DTC	91 C1 13	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	True	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Pending DTC	False	
Test Failed	False	
Test Failed This Operation Cycle	False	

Frequency Counter	1	
Most Recent Odometer Value	606349	miles
Operation Cycle Counter	9	
Original Odometer Value	606349	miles

HSM | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
DTC	A1 DD 84	
DTC Extended Data Record Number - All	01	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Failed This Operation Cycle	False	
Test Failed	False	
Frequency Counter	3	
Operation Cycle Counter	9	
Original Odometer Value	606349	miles
Most Recent Odometer Value	606349	miles

HSM | B210C-18 | STORED | BATTERY VOLTAGE INPUT-UNDER CURRENT

NAME	VALUE	UNITS
DTC	A1 0C 18	
Confirmed DTC	True	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Failed	False	
Test Failed This Operation Cycle	False	
Frequency Counter	3	
Operation Cycle Counter	9	
Most Recent Odometer Value	606349	miles
Original Odometer Value	606349	miles

RADIO | B280B-00 | STORED | NTSC VIDEO INPUT-

NAME	VALUE	UNITS
DTCTable	A8 0B 00	

TestFailed	False	
TestFailedThisMonitoringCycle	False	
Pending DTC	False	
Test Not Completed This Monitoring Cycle	False	
Confirmed DTC	True	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	FF	
Occurance Flag	Occurrence	
Reserved	Reserved	
RDI \$6080	60 80	
Event Counter	55	
Most Recent Odometer Value	20073	miles
Frequency Counter	14	
Ignition Counter	1	
Original Odometer Value	20003	miles

RADIO | B210A-16 | ACTIVE | SYSTEM VOLTAGE LOW-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
DTCTable	A1 0A 16	
TestFailed	True	
TestFailedThisMonitoringCycle	True	
Pending DTC	True	
Confirmed DTC	True	
Warning Indicator Requested	False	
Test Not Completed This Monitoring Cycle	False	
DTCExtendedDataRecordNumber	FF	
Occurance Flag	Occurrence	
Reserved	Reserved	
RDI \$6080	60 80	
Event Counter	64	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Ignition Counter	0	
Frequency Counter	1	

RADIO | B156F-00 | ACTIVE | WIFI ANTENNA-

NAME	VALUE	UNITS
DTCTable	95 6F 00	
TestFailed	True	
TestFailedThisMonitoringCycle	True	
Test Not Completed This Monitoring Cycle	False	
Pending DTC	True	
Warning Indicator Requested	False	
Confirmed DTC	True	

DTCExtendedDataRecordNumber	FF	
Reserved	Reserved	
Occurance Flag	Occurrence	
RDI \$6080	60 80	
Event Counter	64	
Original Odometer Value	20073	miles
Frequency Counter	1	
Most Recent Odometer Value	20073	miles
Ignition Counter	0	

OCM | B210A-00 | STORED | SYSTEM VOLTAGE LOW-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Test Not Completed This Operation Cycle	False	
Original Odometer Value	20073	miles
Frequency Counter	1	
Ignition Cycle Counter	10	
Most Recent Odometer Value	20073	miles

HVACR | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

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	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Warning Indicator Requested	False	
Frequency Counter	1	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Ignition Cycle Counter	10	

HVACR | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

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NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	True	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Warning Indicator Requested	False	
Most Recent Odometer Value	20073	miles
Ignition Cycle Counter	10	
Original Odometer Value	20073	miles
Frequency Counter	1	

LBSS | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

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	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	20073	miles
Frequency Counter	1	
Most Recent Odometer Value	20073	miles
Operation Cycle Counter	6	

LBSS | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

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

Occurrence flag	Occurrence	
Most Recent Odometer Value	20073	miles
Frequency Counter	2	
Original Odometer Value	20073	miles
Operation Cycle Counter	7	

RBSS | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
Test Failed	False	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Operation Cycle Counter	6	
Frequency Counter	1	

RBSS | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
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	True	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Original Odometer Value	20073	miles
Frequency Counter	2	
Most Recent Odometer Value	20073	miles
Operation Cycle Counter	7	

FFCM | B210A-00 | STORED | SYSTEM VOLTAGE LOW-

NAME	VALUE	UNITS
DTC	A1 0A 00	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Failed	False	

Pending DTC	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number	01	
Test Failed Since Last Clear	True	
Occurrence flag	ERROR	
Original Odometer Value	20073	miles
Ignition Cycle Counter	7	
Most Recent Odometer Value	20073	miles
Frequency Counter	3	

FFCM | C211B-16 | STORED | IGNITION RUN/START INPUT-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
Test Failed	False	
DTC	61 1B 16	
Confirmed DTC	True	
Pending DTC	False	
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	
Occurrence flag	Occurrence	
DTC Extended Data Record Number	01	
Original Odometer Value	20073	miles
Ignition Cycle Counter	7	
Most Recent Odometer Value	20073	miles
Frequency Counter	2	

EDM | U0011-00 | STORED | CAN INTERIOR BUS OFF PERFORMANCE-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	False	
Pending DTC	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Original Odometer Value	20073	miles
Frequency Counter	1	

Ignition Cycle Counter	1	
Most Recent Odometer Value	20073	miles

EDM | B210A-00 | STORED | SYSTEM VOLTAGE LOW-

NAME	VALUE	UNITS
Test Failed	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
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	Occurrence	
Frequency Counter	1	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Ignition Cycle Counter	1	

HCP | P0562-00 | STORED | SYSTEM VOLTAGE LOW-

NAME	VALUE	UNITS
Test Failed	False	
DTC	05 62 00	
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	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
Propulsion System Active	False	
PRND Position Display	P	
HCP System Shutdown Command	Default	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP SW Version	1807A	
SW Build Release Version	PIMC19A1807p0_1807A_RU_H	
HV Contactor Status	Open	
EPT LOC Diag Enable	Enable LOC Diagnostic	
Impact Event	False	

APM Status	Idle	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	20078.6	miles
Frequency Counter	1	
Most Recent Odometer Value	20078.6	miles
Ignition Cycle Counter	0	
Real time clock	28494096	sec
RAM stamps keyOn	1635	sec
Accelerator Pedal Position	0	%
RAM Stamps	119407	Min
HV Battery SOC	85	%
Engine Speed	0	rpm
Barometric Pressure	15	PSI
Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	61	°F
Internal EPS Voltage Sense B	0.000	Volts
Motor A Temp Sensor	61	°F
Engine Coolant Temperature	93	°F
Actual Torque - Motor A	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Internal EPS Voltage Sense A	0.000	Volts
Motor A Torque	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor B Resolver Angle	38	Degree
Motor B - Inverter Current - phase B	0	AMP
Electric Motor B Speed	0.0	rpm
Motor A Resolver Angle	Invalid Value	Degree
Electric Motor A Speed	3.5	rpm
Motor B - Inverter Current - phase C	0	AMP
Outside Air Temperature	26.6	°F
PIM DC Link Voltage - B	6	Volts

PIM DC Link Voltage - A	6	Volts
HV Battery Voltage from BPCM	180.00	Volts
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	10.008	Volts
Battery Feed Voltage 2 Sense	10.080	Volts
Inverter A IGBT Temperature for phase A	50	°F
Battery Feed Voltage 3 Sense	10.008	Volts
Inverter A IGBT Temperature for phase B	50	°F
Inverter A IGBT Temperature for phase C	48	°F
Inverter B IGBT Temperature for phase B	48	°F
GPS Date - Year	0	Year
Inverter B IGBT Temperature for phase C	50	°F
Inverter B IGBT Temperature for phase A	50	°F
Distance Travelled with Light ON	34	miles
GPS Date - Month	1	
GPS Date - Day	1	Days
ECU Time - Milliseconds	0	ms
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
UTC Time - Minutes	0	

HCP | P0563-00 | STORED | SYSTEM VOLTAGE HIGH-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	False	
DTC	05 63 00	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Pending DTC	False	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Test Not Completed This Operation Cycle	False	
Brake Switch Status	Not Applied	
Ignition State	Ignition Lock	
Propulsion System Active	False	
PRND Position Display	P	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1807p0_1807A_RU_H	
HCP SW Version	1807A	
APM Status	Off	
EPT LOC Diag Enable	Disable LOC Daignostic	

Impact Event	False	
HV Contactor Status	Closed	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	High Voltage Enabled	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	20078.6	miles
Original Odometer Value	20078.6	miles
Ignition Cycle Counter	0	
Frequency Counter	1	
Real time clock	28495600	sec
RAM stamps keyOn	0	sec
RAM Stamps	119415	Min
HV Battery SOC	84	%
Accelerator Pedal Position	0	%
Motor B Temp Sensor	77	°F
Vehicle Speed	0.0000	MPH
Engine Speed	0	rpm
Barometric Pressure	15	PSI
Motor A Temp Sensor	77	°F
Internal EPS Voltage Sense B	7.992	Volts
Motor A Torque	0.000	Ft-Lbs
Internal EPS Voltage Sense A	8.064	Volts
Engine Coolant Temperature	176	°F
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor A - Inverter Current - phase B	0	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	358	Degree
Electric Motor A Speed	0.0	rpm
PIM DC Link Voltage - A	386	Volts
Motor A Resolver Angle	Not Programmed	Degree
PIM DC Link Voltage - B	390	Volts

Electric Motor B Speed	0.0	rpm
HV Battery Voltage from BPCM	388.20	Volts
Outside Air Temperature	58.1	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	17.352	Volts
Battery Feed Voltage 2 Sense	17.352	Volts
Battery Feed Voltage 3 Sense	17.352	Volts
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
Inverter A IGBT Temperature for phase C	32	°F
GPS Date - Month	1	
GPS Date - Day	1	Days
GPS Date - Year	0	Year
UTC Time - Minutes	0	
UTC Time - Hours	0	Hours
Distance Travelled with Light ON	34	miles
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P062F-00 | STORED | INTERNAL CONTROL MODULE EEPROM ERROR-

NAME	VALUE	UNITS
Pending DTC	False	
Test Failed	False	
DTC	06 2F 00	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number	05	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Ignition Lock	
Propulsion System Active	False	
PRND Position Display	P	
Main Processor Reset Source - Core 1	Power Up	
Static NVM CRC Status	Passed	
Main Processor Reset Source - Core 0	Power Up	
MCPInit EEPROM CRC Status	Passed	

Non Volatile RAM CRC Status	Passed	
Preserved NVM CRC Status	Passed	
Cumulative NVM CRC Status	Failed	
Adaptable NVM CRC Status	Passed	
HCP - MCPA SPI CRC Error Count	00	
Expendable NVM CRC Status	Passed	
MCPUninit EEPROM CRC Status	Passed	
MCPB - MCPA SPI CRC Error Count	00	
MCPB - MCPA SPI ARC Error Count	00	
MemShare CRC Error Count- Core 0	02	
BSW EEPROM CRC Status	Passed	
MemShare ARC Error Count- Core 1	02	
HCP - MCPA SPI ARC Error Count	00	
Main Stack Fault	False	
MemShare ARC Error Count- Core 0	00	
MemShare CRC Error Count- Core 1	FF	
MAIN Detected SPI Fault	False	
MainTPU_Flt	False	
External Watchdog Fault	False	
Main Clock Fault	False	
Main Analog-to-Digital Converter Fault	False	
MAIN ALU Fault	False	
Main Detected Seed Received In Wrong Order	False	
Hybrid System State	High Voltage Enabled	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Disable LOC Daignostic	
CBC Wake-Up Input	Off	
HV Contactor Status	Closed	
APM Status	Off	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Impact Event	False	
Most Recent Odometer Value	20078.6	miles
Real time clock	28495600	sec
RAM Stamps	119415	Min
Ignition Cycle Counter	0	
RAM stamps keyOn	0	sec
Original Odometer Value	20078.6	miles
Vehicle Speed	0.0000	MPH
Engine Speed	0	rpm
Accelerator Pedal Position	0	%
Frequency Counter	1	
Battery Feed Voltage 2 Sense	17.424	Volts

Internal EPS Voltage Sense A	8.064	Volts
Barometric Pressure	15	PSI
HV Battery SOC	84	%
Internal EPS Voltage Sense B	7.992	Volts
Engine Coolant Temperature	176	°F
Battery Feed Voltage 3 Sense	17.424	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	-86.375	Ft-Lbs
Battery Feed Voltage 1 Sense	17.424	Volts
Motor B - Inverter Current - phase A	0	AMP
Available Motor Torque - Motor B	232.301	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 B Resolver Angle	358	Degree
Available Motor Torque - Motor A	86.375	Ft-Lbs
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B Temp Sensor	77	°F
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase A	-4	AMP
Motor A Temp Sensor	77	°F
Motor A Resolver Angle	Not Programmed	Degree
Motor B - Inverter Current - phase C	0	AMP
Outside Air Temperature	64.4	°F
HV Battery Voltage from BPCM	388.20	Volts
Inverter A IGBT Temperature for phase A	32	°F
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	386	Volts
Inverter B IGBT Temperature for phase C	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
GPS Date - Month	1	
Distance Travelled with Light ON	34	miles
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase A	32	°F
PIM DC Link Voltage - B	390	Volts
HV Battery Sleep Time	0	Days
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms

GPS Date - Day	1	Days
GPS Date - Year	0	Year
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds

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

NAME	VALUE	UNITS
Test Failed	True	
DTC	0A 3F 00	
Test Failed This Operation Cycle	True	
Confirmed DTC	True	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Ignition State	Ignition Off/ACC	
PRND Position Display	P	
Propulsion System Active	False	
Motor A Resolver Offset Learn Erase	not requested	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Track	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Disable LOC Daignostic	
CBC Wake-Up Input	On	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	20078.6	miles
Most Recent Odometer Value	20078.6	miles
Frequency Counter	59	
Ignition Cycle Counter	0	
Real time clock	28496118	sec
Accelerator Pedal Position	0	%

RAM stamps keyOn	0	sec
RAM Stamps	119416	Min
Engine Speed	1034	rpm
Vehicle Speed	0.0000	MPH
HV Battery SOC	84	%
Motor A Temp Sensor	77	°F
Barometric Pressure	14	PSI
Motor B Temp Sensor	77	°F
Motor A Resolver Angle Offset	18.00	Degree
Engine Coolant Temperature	66	°F
Motor B Resolver Angle Offset	2.80	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	12.888	Volts
Internal EPS Voltage Sense A	8.064	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Internal EPS Voltage Sense B	7.920	Volts
Available Motor Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	-0.092	Ft-Lbs
Available Motor Torque - Motor B	232.577	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.577	Ft-Lbs
Electric Motor A Speed	0.0	rpm
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor B Speed	0.0	rpm
Battery Feed Voltage 3 Sense	13.104	Volts
Battery Feed Voltage 1 Sense	12.888	Volts
Motor A - Inverter Current - phase A	136	AMP
Motor A - Inverter Current - phase B	-20	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor A Inverter Current phase C	120	AMP
Motor A Resolver Angle	Invalid Value	Degree
Motor B - Inverter Current - phase C	0	AMP
Outside Air Temperature	55.4	°F
PIM DC Link Voltage - A	384	Volts
HV Battery Voltage from BPCM	386.30	Volts
Motor B Resolver Angle	328	Degree
PIM DC Link Voltage - B	388	Volts
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase C	32	°F

Inverter B IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Motor A Torque	0.000	Ft-Lbs
Distance Travelled with Light ON	34	miles
Motor B Torque	-0.092	Ft-Lbs
HV Battery Sleep Time	0	Days
Motor A Resolver Angle	Invalid Value	Degree
Motor B Resolver Angle	328	Degree
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 | P0A43-00 | STORED | DRIVE MOTOR "A" POSITION SENSOR CIRCUIT INTERMITTENT

NAME	VALUE	UNITS
DTC	0A 43 00	
Test Failed	False	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
Propulsion System Active	True	
PRND Position Display	D	
Motor A Resolver Offset Learn Erase	not requested	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Motor A Resolver to Digital Low Level Driver Faults	Resolver Degradation of Signal	
Hybrid System State	Propulsion System Active	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HV Contactor Status	Closed	
EPT LOC Diag Enable	Enable LOC Diagnostic	
APM Status	Buck CV	

Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	20046.1	miles
Frequency Counter	2	
Most Recent Odometer Value	20046.1	miles
Real time clock	28403470	sec
RAM stamps keyOn	660	sec
Ignition Cycle Counter	0	
RAM Stamps	119175	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	78	%
Motor A Temp Sensor	99	°F
Vehicle Speed	74.8364	MPH
Motor B Temp Sensor	93	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	165	°F
Motor A Resolver Angle Offset	0.80	Degree
Motor B Resolver Angle Offset	4.00	Degree
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	14.688	Volts
Internal EPS Voltage Sense B	7.992	Volts
Internal EPS Voltage Sense A	8.064	Volts
Actual Torque - Motor A	-14.288	Ft-Lbs
Actual Torque - Motor B	14.381	Ft-Lbs
Available Motor Torque - Motor A	50.701	Ft-Lbs
Available Motor Torque - Motor B	86.744	Ft-Lbs
Available Regen Torque - Motor A	-50.701	Ft-Lbs
Available Regen Torque - Motor B	-86.744	Ft-Lbs
Commanded Torque - Motor A	-14.196	Ft-Lbs
Commanded Torque - Motor B	14.565	Ft-Lbs
Electric Motor A Speed	-10223.5	rpm
Electric Motor B Speed	8297.0	rpm
Battery Feed Voltage 1 Sense	14.688	Volts
Battery Feed Voltage 3 Sense	14.616	Volts
Motor A - Inverter Current - phase A	72	AMP
Motor A - Inverter Current - phase B	-32	AMP
Motor A - Inverter Current - phase C	-44	AMP
Motor B - Inverter Current - phase A	32	AMP
Motor B - Inverter Current - phase B	20	AMP

Motor B - Inverter Current - phase C	-60	AMP
Outside Air Temperature	17.6	°F
Motor B Resolver Angle	266	Degree
Motor A Resolver Angle	118	Degree
HV Battery Voltage from BPCM	353.40	Volts
PIM DC Link Voltage - A	352	Volts
Inverter A IGBT Temperature for phase A	41	°F
PIM DC Link Voltage - B	355	Volts
Inverter A IGBT Temperature for phase C	41	°F
Inverter A IGBT Temperature for phase B	39	°F
Inverter B IGBT Temperature for phase A	36	°F
Inverter B IGBT Temperature for phase B	36	°F
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase C	37	°F
Motor A Torque	-14.288	Ft-Lbs
Motor B Torque	14.381	Ft-Lbs
Motor A Resolver Angle	118	Degree
HV Battery Sleep Time	0	Days
Motor B Resolver Angle	266	Degree
GPS Date - Year	0	Year
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
GPS Date - Month	1	
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

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

NAME	VALUE	UNITS
DTC	0C 19 00	
Pending DTC	True	
Test Failed	True	
Test Failed This Operation Cycle	True	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Occurrence flag	Occurrence	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	True	
PHEV Charging Status	No Charging	
Brake Switch Status	Applied	
Propulsion System Active	False	
Ignition State	Ignition Off/ACC	
PRND Position Display	P	

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

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

Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase W Under Voltage Fault VL - High-Side	False	
Motor A Phase W Over Voltage Fault VDD - High-Side	False	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - High-Side	False	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Inverter A Status Feedback	Inverter Faulted	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Original Odometer Value	20078.6	miles
Frequency Counter	62	
Accelerator Pedal Position	0	%
RAM Stamps	119416	Min
Real time clock	28496116	sec
Ignition Cycle Counter	0	
HV Battery SOC	84	%
Engine Speed	1335	rpm
Vehicle Speed	0.0000	MPH
Most Recent Odometer Value	20078.6	miles
Actual Torque - Motor A	0.000	Ft-Lbs
Barometric Pressure	14	PSI
Inverter A Input DC Current	0.0	AMP
Electric Motor A Speed	0.0	rpm
Engine Coolant Temperature	66	°F
RAM stamps keyOn	0	sec
Available Motor Torque - Motor A	9.679	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	12.888	Volts
PIM DC Link Voltage - A	385	Volts
PIM DC Link Voltage - B	389	Volts
Battery Feed Voltage 3 Sense	13.104	Volts
Motor A - Inverter Current - phase C	-4	AMP
Internal EPS Voltage Sense B	7.992	Volts
Low Temp Active Pump Speed	0	rpm
Passive Pump Coolant Temp In Sensor	55	°F

Internal EPS Voltage Sense A	8.064	Volts
High Temp Aux Pump - Actual Speed	0	rpm
Outside Air Temperature	55.4	°F
Commanded Torque - Motor A	9.679	Ft-Lbs
Battery Feed Voltage 1 Sense	12.888	Volts
Available Motor Torque - Motor B	232.393	Ft-Lbs
Available Regen Torque - Motor A	-9.679	Ft-Lbs
Commanded Torque - Motor B	11.615	Ft-Lbs
Motor B - Inverter Current - phase A	-4	AMP
Actual Torque - Motor B	14.012	Ft-Lbs
Motor A Resolver Angle	284	Degree
Motor B Resolver Angle	358	Degree
Motor B - Inverter Current - phase C	-8	AMP
Available Regen Torque - Motor B	-232.393	Ft-Lbs
Motor B Temp Sensor	77	°F
Inverter A IGBT Temperature for phase A	32	°F
HV Battery Voltage from BPCM	387.00	Volts
Motor B - Inverter Current - phase B	4	AMP
Motor A Temp Sensor	77	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
Electric Motor B Speed	0.0	rpm
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	14.012	Ft-Lbs
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Motor A Resolver Angle	284	Degree
Motor A Temp Sensor	77	°F
Distance Travelled with Light ON	34	miles
HV Battery Sleep Time	0	Days
GPS Date - Year	0	Year
UTC Time - Hours	0	Hours
GPS Date - Day	1	Days
GPS Date - Month	1	
ECU Time - Milliseconds	0	ms
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds

HCP | P1B03-00 | STORED | RESOLVER SIGNAL / MCPA RATIONALITY-

NAME	VALUE	UNITS
DTC	1B 03 00	
Test Failed This Operation Cycle	False	
Test Failed	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	Occurrence	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Ignition State	Ignition Off/ACC	
Propulsion System Active	False	
PRND Position Display	P	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Offset Learn Erase	not requested	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Track	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Resolver Offset Learn Erase	not requested	
Most Recent Odometer Value	20078.6	miles
Original Odometer Value	20078.6	miles
Frequency Counter	7	
Ignition Cycle Counter	0	
RAM stamps keyOn	0	sec
Real time clock	28495640	sec
RAM Stamps	119415	Min
Engine Speed	801	rpm
Accelerator Pedal Position	0	%
HV Battery SOC	84	%
Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	48	°F
Motor A Temp Sensor	52	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	55	°F
Motor A Resolver Angle Offset	18.00	Degree

Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Angle Offset	3.20	Degree
Motor B Resolver Supply Voltage Value	15.75	Volts
Internal EPS Voltage Sense A	2.088	Volts
Internal EPS Voltage Sense B	0.432	Volts
Battery Feed Voltage 2 Sense	13.896	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.092	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.946	Ft-Lbs
Available Regen Torque - Motor B	-232.946	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor A Speed	3410.5	rpm
Electric Motor B Speed	5.5	rpm
Battery Feed Voltage 3 Sense	13.608	Volts
Battery Feed Voltage 1 Sense	13.896	Volts
Motor A - Inverter Current - phase C	144	AMP
Motor A - Inverter Current - phase A	-68	AMP
Motor A - Inverter Current - phase B	-80	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor A Resolver Angle	Invalid Value	Degree
HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - A	9	Volts
Outside Air Temperature	55.4	°F
Motor B Resolver Angle	346	Degree
PIM DC Link Voltage - B	9	Volts
Inverter A IGBT Temperature for phase A	68	°F
Inverter A IGBT Temperature for phase C	68	°F
Inverter A IGBT Temperature for phase B	68	°F
Inverter B IGBT Temperature for phase A	55	°F
Inverter B IGBT Temperature for phase B	55	°F
Inverter B IGBT Temperature for phase C	55	°F
Distance Travelled with Light ON	34	miles
Motor B Torque	0.092	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Motor A Resolver Angle	Invalid Value	Degree
HV Battery Sleep Time	0	Days
Motor B Resolver Angle	346	Degree
GPS Date - Month	1	
GPS Date - Day	1	Days

GPS Date - Year	0	Year
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P1B0F-00 | STORED | DRIVE MOTOR A POSITION SENSOR OFFSET INCORRECT-

NAME	VALUE	UNITS
DTC	1B 0F 00	
Test Failed	False	
Test Failed This Operation Cycle	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	
Occurrence flag	Occurrence	
PHEV Charging Status	No Charging	
Brake Switch Status	Applied	
Ignition State	Ignition Lock	
PRND Position Display	P	
Propulsion System Active	True	
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Not Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver to Digital Low Level Driver Faults	Resolver Degradation of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Initiate_Powerdown	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	20078.6	miles
Frequency Counter	1	
Most Recent Odometer Value	20078.6	miles
Ignition Cycle Counter	0	
Real time clock	28495628	sec

RAM Stamps	119415	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
RAM stamps keyOn	0	sec
HV Battery SOC	84	%
Motor A Temp Sensor	52	°F
Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	48	°F
Engine Coolant Temperature	55	°F
Barometric Pressure	14	PSI
Motor A Resolver Angle Offset	Invalid Value	Degree
Motor B Resolver Angle Offset	3.20	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	14.616	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Internal EPS Voltage Sense A	2.232	Volts
Actual Torque - Motor A	-0.092	Ft-Lbs
Internal EPS Voltage Sense B	0.504	Volts
Available Motor Torque - Motor A	52.268	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	-52.268	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor A Speed	3.5	rpm
Electric Motor B Speed	0.0	rpm
Battery Feed Voltage 3 Sense	14.256	Volts
Battery Feed Voltage 1 Sense	14.544	Volts
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Outside Air Temperature	54.5	°F
Motor A Resolver Angle	Not Programmed	Degree
Motor B Resolver Angle	358	Degree
HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - A	5	Volts
Inverter A IGBT Temperature for phase A	55	°F
PIM DC Link Voltage - B	5	Volts
Inverter A IGBT Temperature for phase B	55	°F
Inverter A IGBT Temperature for phase C	55	°F

Inverter B IGBT Temperature for phase A	54	°F
Inverter B IGBT Temperature for phase C	54	°F
Inverter B IGBT Temperature for phase B	54	°F
Distance Travelled with Light ON	34	miles
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	-0.092	Ft-Lbs
HV Battery Sleep Time	0	Days
Motor A Resolver Angle	Not Programmed	Degree
Motor B Resolver Angle	358	Degree
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 | U1124-00 | STORED | LOST COMMUNICATION WITH LIN ECU 4-

NAME	VALUE	UNITS
DTC	D1 24 00	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Failed This Operation Cycle	False	
Occurrence flag	Occurrence	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Ignition State	Ignition Off/ACC	
PHEV Charging Status	No Charging	
Brake Switch Status	Applied	
Propulsion System Active	False	
PRND Position Display	P	
Thermal System Enable State	On	
High Temperature Shut-Off Valve Status	Off	
Front Refrigerant Shut-Off Valve Status	Off	
Chiller Shut-Off Valve Status	Off	
Hybrid System State	SNA	
EPT LOC Diag Enable	Enable LOC Diagnostic	
Reserved	Reserved	
HV Contactor Status	Open	
CBC Wake-Up Input	On	
Impact Event	False	

HCP System Shutdown Command	Default	
APM Status	Idle	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Frequency Counter	8	
Ignition Cycle Counter	0	
Most Recent Odometer Value	20078.6	miles
RAM Stamps	119412	Min
Accelerator Pedal Position	0	%
Real time clock	28495308	sec
Engine Speed	0	rpm
Original Odometer Value	20078.6	miles
Engine Coolant Temperature	52	°F
A/C Refrigerant Pressure	58.0	PSI
HV Battery SOC	84	%
RAM stamps keyOn	0	sec
Heater Core Coolant Temp Sensor	48	°F
Passive Pump Coolant Temp In Sensor	48	°F
Electric Coolant Heater Temp Sensor	50	°F
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	50	°F
Motor B Temp Sensor	46	°F
Barometric Pressure	14	PSI
HV Coolant Heater - Measured Coolant Inlet Temp	32	°F
HV Coolant Heater - Measured Coolant Outlet Temp	32	°F
Radiator Fan Duty Cycle	7	%
Outside Air Temperature	46.4	°F
Battery Feed Voltage 3 Sense	10.728	Volts
Low Temp Passive Pump - Temperature	46	°F
EAC Compressor Speed	0	rpm
High Temp Cabin Valve Feedback	8.66	degrees
Internal EPS Voltage Sense A	3.024	Volts
Internal EPS Voltage Sense B	1.008	Volts
Battery Feed Voltage 2 Sense	10.728	Volts
Low Temp Active Pump - Temperature	48	°F
Actual Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Battery Feed Voltage 1 Sense	10.728	Volts
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Available Regen Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs

Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase A	0	AMP
Motor B Resolver Angle	178	Degree
Electric Motor A Speed	3.0	rpm
Motor A Resolver Angle	Invalid Value	Degree
Motor B - Inverter Current - phase C	0	AMP
Inverter A IGBT Temperature for phase A	54	°F
Inverter A IGBT Temperature for phase B	54	°F
HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - B	5	Volts
Motor B Torque	0.000	Ft-Lbs
Distance Travelled with Light ON	34	miles
Electric Motor B Speed	0.0	rpm
Inverter B IGBT Temperature for phase C	54	°F
PIM DC Link Voltage - A	5	Volts
Inverter B IGBT Temperature for phase A	54	°F
Inverter B IGBT Temperature for phase B	54	°F
Inverter A IGBT Temperature for phase C	54	°F
GPS Date - Month	1	
GPS Date - Day	1	Days
Motor A Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
UTC Time - Hours	0	Hours
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds
GPS Date - Year	0	Year
UTC Time - Minutes	0	

MSMP | B222D-00 | STORED | ECU UNABLE TO CONFIGURE/CONFIGURATION NOT LEARNED-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Most Recent Odometer Value	20053	miles
Frequency Counter	1	

Original Odometer Value	20053	miles
Ignition Cycle Counter	5	

MSMP | B210D-21 | STORED | BATTERY VOLTAGE LOW-SIGNAL AMPLITUDE < MINIMUM

NAME	VALUE	UNITS
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	Occurrence	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Original Odometer Value	20053	miles
Most Recent Odometer Value	20053	miles
Ignition Cycle Counter	9	
Frequency Counter	1	

MSMP | B210A-84 | STORED | SYSTEM VOLTAGE LOW-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
DTC Extended Data Record Number - All	01	
Original Odometer Value	20053	miles
Most Recent Odometer Value	20053	miles
Frequency Counter	1	
Ignition Cycle Counter	9	

VRM | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
DTC	A1 DD 84	
Test Failed	False	
Test Failed This Operation Cycle	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	01	
Occurrence flag	ERROR	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Frequency Counter	2	
Ignition Cycle Counter	5	

VRM | B14DE-00 | STORED | LOST LOW VOLTAGE DIFFERENTIAL SIGNAL (LVDS) CONNECTION WITH EDM-

NAME	VALUE	UNITS
Test Failed	False	
DTC	94 DE 00	
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	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	20073	miles
Frequency Counter	1	
Ignition Cycle Counter	6	
Most Recent Odometer Value	20073	miles

VRM | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
DTC	A1 99 16	
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	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles

Frequency Counter	1	
Ignition Cycle Counter	9	

VRM | B15AD-00 | STORED | LOST LOW VOLTAGE DIFFERENTIAL SIGNAL (LVDS) CONNECTION WITH MEDIA PORT 1-

NAME	VALUE	UNITS
DTC	95 AD 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Most Recent Odometer Value	20073	miles
Original Odometer Value	17528	miles
Frequency Counter	6	
Ignition Cycle Counter	41	

RCCC | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
Test Failed	False	
DTC	A1 99 16	
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	
DTC Extended Data Record Number - All	01	
Test Failed Since Last Clear	True	
Occurrence flag	Occurrence	
Ignition Cycle Counter	16	
Frequency Counter	1	
Most Recent Odometer Value	20073	miles
Original Odometer Value	20073	miles

RCCC | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
DTC	A1 DD 84	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	

Test Failed	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Pending DTC	False	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Most Recent Odometer Value	20073	miles
Original Odometer Value	20073	miles
Ignition Cycle Counter	16	
Frequency Counter	1	

CVPM | U0184-00 | STORED | LOST COMMUNICATION WITH RADIO-

NAME	VALUE	UNITS
DTC	C1 84 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	Occurrence	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Ignition Status	Ignition Status: Running	
Driver Door Ajar	Inactive	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	

Radio Display Status	Display Status: Off	
Original Odometer Value	20073	miles
Frequency Counter	1	
Most Recent Odometer Value	20073	miles
Ignition Cycle Counter	8	
DTC Extended Data Record Number 2	2	
Battery Voltage	6.9	V
ECU Voltage	6.6	V
Vehicle Speed	0.000000	MPH
Steering Wheel Angle	88.0	Deg

CVPM | U0485-00 | STORED | IMPLAUSIBLE DATA RECEIVED FROM RADIO-

NAME	VALUE	UNITS
DTC	C4 85 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	Occurrence	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Ignition Status	Ignition Status: Running	
Driver Door Ajar	Inactive	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Configuration Maximum	
Touch Screen X Coordinate	0400	
Touch Screen Y Coordinate	0275	
Radio Display Status	Display Status: Video Entertainment System - Human-Machine-Interface	

	displayed	
Original Odometer Value	19397	miles
Most Recent Odometer Value	20073	miles
Frequency Counter	3	
Ignition Cycle Counter	8	
Battery Voltage	14.6	V
DTC Extended Data Record Number 2	2	
ECU Voltage	14.4	V
Vehicle Speed	2.932095	MPH
Steering Wheel Angle	-419.0	Deg

CVPM | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
DTC	A1 99 16	
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	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Ignition Status	Ignition Status: Running	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Driver Door Ajar	Active	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Off	
Original Odometer Value	20073	miles

Most Recent Odometer Value	20073	miles
Frequency Counter	1	
Ignition Cycle Counter	7	
DTC Extended Data Record Number 2	2	
ECU Voltage	7.1	V
Battery Voltage	7.7	V
Vehicle Speed	0.000000	MPH
Steering Wheel Angle	88.5	Deg

CVPM | B21DD-84 | STORED | SYSTEM VOLTAGE-SIGNAL BELOW ALLOWABLE RANGE

NAME	VALUE	UNITS
DTC	A1 DD 84	
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	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Watchdog Error	Off	
ECU Failure – Video Subsystem Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Ignition Status	Ignition Status: Running	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Driver Door Ajar	Inactive	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Off	
Original Odometer Value	20073	miles
Frequency Counter	1	
Most Recent Odometer Value	20073	miles

Ignition Cycle Counter	7	
Battery Voltage	9.8	V
DTC Extended Data Record Number 2	2	
ECU Voltage	9.5	V
Steering Wheel Angle	77.5	Deg
Vehicle Speed	0.000000	MPH

CVPM | U0264-00 | STORED | LOST COMMUNICATION WITH CAMERA MODULE - REAR-

NAME	VALUE	UNITS
DTC	C2 64 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	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Ignition Status	Ignition Status: Running	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Rear Left Door Ajar	Inactive	
Driver Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Off	
Original Odometer Value	10	miles
Most Recent Odometer Value	20073	miles
Frequency Counter	151	
Ignition Cycle Counter	16	
DTC Extended Data Record Number 2	2	

Battery Voltage	14.6	V
ECU Voltage	14.5	V
Vehicle Speed	0.000000	MPH
Steering Wheel Angle	5.5	Deg

CVPM | B217A-92 | STORED | REAR CAMERA-PERFORMANCE OR INCORRECT OPERATION

NAME	VALUE	UNITS
DTC	A1 7A 92	
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	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Ignition Status	Ignition Status: Running	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Driver Door Ajar	Inactive	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Off	
Most Recent Odometer Value	20073	miles
Original Odometer Value	10	miles
Frequency Counter	180	
Ignition Cycle Counter	16	
DTC Extended Data Record Number 2	2	
Battery Voltage	14.7	V
ECU Voltage	14.5	V

Vehicle Speed	0.000000	MPH
Steering Wheel Angle	5.5	Deg

CVPM | B22A9-00 | STORED | ECU INTERNAL PERFORMANCE-

NAME	VALUE	UNITS
DTC	A2 A9 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
DTC Extended Data Record Number - All	01	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	On	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Ignition Status	Ignition Status: Running	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Driver Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Active	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Displayed Rear Camera	
Original Odometer Value	20003	miles
Most Recent Odometer Value	20003	miles
Frequency Counter	1	
Ignition Cycle Counter	40	
DTC Extended Data Record Number 2	2	
Battery Voltage	14.4	V
ECU Voltage	14.4	V
Vehicle Speed	3.179673	MPH
Steering Wheel Angle	164.0	Deg

ABSO | C2103-00 | STORED | SYSTEM VOLTAGE HIGH-

NAME	VALUE	UNITS
DTC	61 03 00	
Test Failed	False	
Pending DTC	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Mirror Memory	No	
Controller Event	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	
MSR control	Not active	
ASR control	Not active	
ABS control	Not active	
EBV control	Not active	
ESP Control	Not active	
HSA control	Not active	
HBA control	Not active	
Plant Mode	No	
Hold	No	
EPB Mode Status	Static	
Braking assistance system	No Assistance System Is Braking	
BLS High	No	
BLS Low	Yes	
ESP-OFF mode	No	
Clutch	Not Activated	
Park Brake	Not Activated	
Stop Coordinator Active	No	
Actual Gear	P	
Status Parking Brake Left	Brake is in an Unknown State	
Transmission selector lever setting	P	
Status Parking Brake Right	Brake is in an Unknown State	

EPB Switch Status	Idle	
Original Odometer Value	20073	miles
Most Recent Odometer Value	20073	miles
Ignition Cycle Counter	0	
Frequency Counter	1	
Supply Voltage Valves	17.5	V
Fault Time	1.00	S
Supply voltage Pump	17.0	V
Brake Pedal Travel Sensor Position	0	%
Wheel Speed Left Front	0.000	MPH
Ignition Unfiltered	0.0	V
Wheel Speed Right Front	0.000	MPH
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Steering Wheel Angle	-134.40	°
Lateral Acceleration	0.00	m/s^2
Longitudinal Acceleration	0.00	m/s^2
Primary Circuit Pressure	0.00	PSI
Yaw Rate	0.000	°/s
Supplier Internal Code	159	
Engine Speed	0.0	rpm
Accelerator Pedal Position	0.0	%

ABSO | C2200-00 | STORED | ANTI-LOCK BRAKE MODULE INTERNAL-

NAME	VALUE	UNITS
DTC	62 00 00	
Test Failed This Operation Cycle	False	
Test Failed	False	
Pending DTC	True	
Confirmed DTC	True	
Test Failed Since Last Clear	False	
Test Not Completed 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	
Hold	No	
HBA control	Not active	
HSA control	Not active	
Plant Mode	No	
Braking assistance system	No Assistance System Is Braking	
BLS High	No	
EPB Mode Status	Static	
ESP-OFF mode	No	
BLS Low	Yes	
Park Brake	Not Activated	
Stop Coordinator Active	No	
Clutch	Not Activated	
Status Parking Brake Left	Brake is in an Unknown State	
Actual Gear	P	
Transmission selector lever setting	P	
EPB Switch Status	Idle	
Status Parking Brake Right	Brake is in an Unknown State	
Original Odometer Value	17160	miles
Most Recent Odometer Value	20073	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	1.00	S
Brake Pedal Travel Sensor Position	0	%
Supply voltage Pump	16.7	V
Supply Voltage Valves	17.3	V
Ignition Unfiltered	0.0	V
Wheel Speed Right Front	0.000	MPH
Wheel Speed Left Front	0.000	MPH
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Steering Wheel Angle	-134.40	°
Longitudinal Acceleration	0.00	m/s^2
Yaw Rate	0.000	°/s
Primary Circuit Pressure	0.00	PSI
Lateral Acceleration	0.00	m/s^2
Engine Speed	0.0	rpm
Accelerator Pedal Position	0.0	%

Supplier Internal Code	222	
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ABSO | C2222-00 | ACTIVE | IMPROPER POWERDOWN-

NAME	VALUE	UNITS
DTC	62 22 00	
Test Failed This Operation Cycle	False	
Test Failed	True	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Confirmed DTC	False	
Test Not Completed This Operation Cycle	True	
Occurrence flag		
Controller Event		
Warning Indicator Requested	True	
Undervoltage Suspected		
Mirror Memory		
Current System Mode		
System Condition		
Previous System Mode		
Brake Pedal Status		
Rotation Direction Left Front		
Rotation Direction Right Front		
Rotation Direction Left Rear		
Rotation Direction Right Rear		
ABS control		
ASR control		
MSR control		
EBV control		
HBA control		
HSA control		
ESP Control		
Hold		
Braking assistance system		
Plant Mode		
EPB Mode Status		
BLS Low		
BLS High		
Park Brake		
ESP-OFF mode		
Clutch		
Actual Gear		
Stop Coordinator Active		
Status Parking Brake Left		

Transmission selector lever setting		
Status Parking Brake Right		
EPB Switch Status		
Most Recent Odometer Value		miles
Original Odometer Value		miles
Frequency Counter		
Fault Time		S
Ignition Cycle Counter		
Supply Voltage Valves		V
Brake Pedal Travel Sensor Position		%
Supply voltage Pump		V
Wheel Speed Left Front		MPH
Ignition Unfiltered		V
Wheel Speed Right Front		MPH
Wheel Speed Right Rear		MPH
Wheel Speed Left Rear		MPH
Lateral Acceleration		m/s^2
Steering Wheel Angle		°
Primary Circuit Pressure		PSI
Longitudinal Acceleration		m/s^2
Yaw Rate		°/s
Accelerator Pedal Position		%
Engine Speed		rpm
Supplier Internal Code		

SGW | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

NAME	VALUE	UNITS
Test Failed This Monitoring Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	Record \$01-\$8f	
Test Failed	False	
Event Counter	Event counter for clear DTC memory	
Cycle to Switch Warning Lamp OFF	3 = error present (3 cycle consecutive for switch MIL OFF) 0 = error Not present 1..2 = number cycle consecutive for switch MIL OFF	
Test Not Completed This Monitoring Cycle	False	

SNAPSHOT DATA SUMMARY

SGW | B2199-16 | STORED | BATTERY VOLTAGE-CIRCUIT VOLTAGE BELOW THRESHOLD

RECORD 0

NAME	VALUE	UNITS
TestFailed	False	
TestFailedThisMonitoringCycle	False	

Pending DTC	False	
Test Not Completed This Monitoring Cycle	False	
Confirmed DTC	True	
DTC Snapshot Record Number	Record #1	
Warning Indicator Requested	False	
DTC Failure Type Byte	2F	
DTC Snapshot Record Number Of Identifiers	5	
Key On Counter	2512	
Power Supply Voltage	111.19080	Volts

RECORD 1

NAME	VALUE	UNITS
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Pending DTC	False	
Test Not Completed This Monitoring Cycle	False	
Confirmed DTC	True	
DTC Snapshot Record Number	05	
Warning Indicator Requested	False	
DTC Failure Type Byte	10	
DTC Snapshot Record Number Of Identifiers	16	
Key On Counter	58976	
Power Supply Voltage		Volts