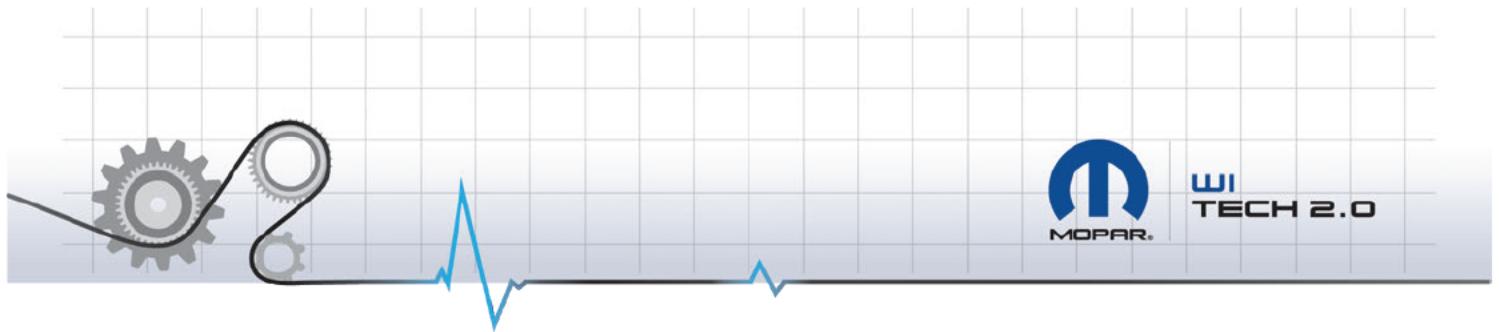


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VEHICLE SCAN REPORT

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

Odometer 825.3 miles
Publication Date Oct 22, 2020, 10:38:08 AM

ECU SUMMARY INFO

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

ACC	Adaptive Cruise Control	CAN-C	04672758AB	2C4RC1N		2C4RC1N7	04672758AB
RADIO	Radio	CAN-I	68461768AA	2C4RC1		2C4RC1N7	68461768AA
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N		2C4RC1N7	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N		2C4RC1N7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N7	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N		2C4RC1N7	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N		2C4RC1N7	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N		2C4RC1N7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1N		2C4RC1N7	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190265AF	2C4RC1N		2C4RC1N7	05190265AF
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N		2C4RC1N7	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N		2C4RC1N7	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N		2C4RC1N7	68316174AB
VRM	Video Routing Module	CAN-I	68376134AF	2C4RC1N		2C4RC1N7	68376134AF
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1N		2C4RC1N7	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N		2C4RC1N7	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N		2C4RC1N7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190266AF	2C4RC1N		2C4RC1N7	05190266AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1N		2C4RC1N7	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68461812AA	2C4RC1N		2C4RC1N7	68461812AA
SGW	Security Gateway Module	CAN-C	68447193AB			2C4RC1N7	68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	31D751B0
ICS	USA	0F 0C 00	11 16 00	4700	
RFH	USA / USA	10 17 00	13 09 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	11 1F 00	12 2B 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	

HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 02 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	13 27 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	0E 30 00	10 2B 00	4301	
BCM	USA	0D 11 00	13 0C 90	4415	
ACC	USA / USA	13 29 00	11 0D 00	4201	
RADIO	USA	13 1D 2A	13 1D 2A	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	11 2B 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1D 07	19 48 01	4005	6AE19B37 847169A3 31B4913E
OBCM	USA	0F 0D 00	11 2B 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	11 16 00	11 15 00	4000	
VRM	USA / USA	0F 1C 00	13 0C 10	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 32 01	12 33 00	4003	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1D 07	19 48 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	12 2E 1E	4201	73EEDB6B
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PTS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Active
BCM	P2689-00	Fuel Supply Heater Control Circuit High-	Active
ACC	C2227-00	ABS Disabled ECU-	Active

HCP	P0480-00	Cooling Fan 1 Control Circuit/Open-	Active
HCP	P1C64-00	Hybrid Perf - Engine Speed Below Target During Autostart-	Stored
HCP	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
HCP	U1818-00	Lost Communication With ECM/PCM on D-PT CAN-	Stored
HCP	U1852-00	Implausible Data Received from ABS on D-PT-	Active
EBBM	P0562-00	System Voltage Low-	Active
ABSO	C0021-00	Brake Booster-	Active
ABSO	U0100-00	Lost Communication With ECM/PCM "A"-	Active
ABSO	U1822-00	Lost Communication with EBBM on D-PT CAN-	Active

ENVIRONMENTAL DATA SUMMARY

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

NAME	VALUE	UNITS
DTC	C4 15 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	Occurrence	
Original Odometer Value	0	miles
Most Recent Odometer Value	825	miles
DC/DC Converter Voltage	01	Volt
Frequency Counter	1	

BCM | P2689-00 | Active | Fuel Supply Heater Control Circuit High-

NAME	VALUE	UNITS
Test Failed	True	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	True	
Confirmed DTC	True	
Pending DTC	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	
Ignition Cycle Counter	0	
Most Recent Odometer Value	825	miles

Frequency Counter	1	
Original Odometer Value	825	miles

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

NAME	VALUE	UNITS
Test Failed Since Last Clear	False	
Pending DTC	True	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
PRNDL Status	P range	
Frequency Counter	2	
Operation Cycle Counter	0	
Most Recent Odometer Value	825	miles
Object of Interest Distance	830	FEET
Original Odometer Value	825	miles
Vehicle Speed	0	MPH
Engine RPM	0	rpm
Engine Torque Request	SNA	Ft-Lbs
ACC Set Speed	0	MPH
Ignition Voltage	12.3	
System Voltage	12.4	Volts

HCP | P0480-00 | Active | Cooling Fan 1 Control Circuit/Open-

NAME	VALUE	UNITS
DTC	04 80 00	
Test Failed	True	
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	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	True	

Thermal System Enable State	On	
High Temperature Shut-Off Valve Status	On	
Front Refrigerant Shut-Off Valve Status	Off	
Chiller Shut-Off Valve Status	On	
Hybrid System State	Propulsion System Active	
CBC Wake-Up Input	On	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
HCP System Shutdown Command	Default	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Original Odometer Value	825.3	miles
Real time clock	25691284	sec
Accelerator Pedal Position	0	%
Engine Speed	1360	rpm
RAM stamps keyOn	15	sec
HV Battery SOC	87	%
Most Recent Odometer Value	825.3	miles
Ignition Cycle Counter	0	
Vehicle Speed	0.0000	MPH
Frequency Counter	1	
Engine Coolant Temperature	75	°F
Barometric Pressure	15	PSI
Electric Coolant Heater Temp Sensor	70	°F
A/C Refrigerant Pressure	94.3	PSI
Heater Core Coolant Temp Sensor	70	°F
Passive Pump Coolant Temp In Sensor	77	°F
Motor A Temp Sensor	79	°F
Motor B Temp Sensor	73	°F
EAC Compressor Speed	0	rpm
Outside Air Temperature	82.4	°F
High Temp Cabin Valve Feedback	98.42	degrees
RAM Stamps	1268	Min
Radiator Fan Duty Cycle	100	%
HV Coolant Heater - Measured Coolant Inlet Temp	70	°F
Battery Feed Voltage 2 Sense	14.544	Volts
Internal EPS Voltage Sense B	8.136	Volts
Low Temp Active Pump - Temperature	66	°F
Low Temp Passive Pump - Temperature	81	°F
HV Coolant Heater - Measured Coolant Outlet Temp	70	°F
Battery Feed Voltage 3 Sense	14.472	Volts
Internal EPS Voltage Sense A	8.208	Volts

Actual Torque - Motor B	10.048	Ft-Lbs
Battery Feed Voltage 1 Sense	14.472	Volts
Available Motor Torque - Motor A	85.730	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor A - Inverter Current - phase C	36	AMP
Motor A - Inverter Current - phase B	4	AMP
Commanded Torque - Motor A	8.204	Ft-Lbs
Commanded Torque - Motor B	9.956	Ft-Lbs
Motor B - Inverter Current - phase C	20	AMP
Motor B - Inverter Current - phase B	-8	AMP
Motor B Resolver Angle	114	Degree
Motor B - Inverter Current - phase A	-20	AMP
Motor A Resolver Angle	88	Degree
HV Battery Voltage from BPCM	385.70	Volts
Electric Motor A Speed	5638.0	rpm
Electric Motor B Speed	0.5	rpm
Motor A - Inverter Current - phase A	-44	AMP
PIM DC Link Voltage - A	385	Volts
PIM DC Link Voltage - B	386	Volts
Inverter A IGBT Temperature for phase A	81	°F
Inverter A IGBT Temperature for phase B	81	°F
Inverter B IGBT Temperature for phase A	77	°F
Inverter A IGBT Temperature for phase C	79	°F
Inverter B IGBT Temperature for phase B	77	°F
Inverter B IGBT Temperature for phase C	81	°F
Motor A Torque	8.389	Ft-Lbs
Motor B Torque	10.048	Ft-Lbs
Distance Travelled with Light ON	0	miles
HV Battery Sleep Time	0	Days
GPS Date - Year	0	Year
GPS Date - Day	1	Days
GPS Date - Month	1	
UTC Time - Seconds	0	seconds
UTC Time - Minutes	0	
UTC Time - Hours	0	Hours
ECU Time - Milliseconds	0	ms

HCP | P1C64-00 | Stored | Hybrid Perf - Engine Speed Below Target During Autostart-

NAME	VALUE	UNITS
DTC	1C 64 00	
Test Failed	False	
Test Failed This Operation Cycle	False	

Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	True	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Propulsion System Active	
PHEV Charging Status	No Charging	
Original Odometer Value	825.3	miles
Most Recent Odometer Value	825.3	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	25691348	sec
RAM stamps keyOn	90	sec
RAM Stamps	1269	Min
Accelerator Pedal Position	0	%
Engine Speed	1043	rpm
HV Battery SOC	87	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	82	°F
Motor B Temp Sensor	73	°F
Barometric Pressure	10	PSI
Engine Coolant Temperature	75	°F
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.136	Volts
Motor A Torque	2.028	Ft-Lbs
Motor B Torque	4.425	Ft-Lbs
Actual Torque - Motor A	2.028	Ft-Lbs

Actual Torque - Motor B	4.425	Ft-Lbs
Available Motor Torque - Motor B	232.577	Ft-Lbs
Available Motor Torque - Motor A	85.730	Ft-Lbs
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Available Regen Torque - Motor B	-232.577	Ft-Lbs
Commanded Torque - Motor A	48.212	Ft-Lbs
Commanded Torque - Motor B	63.422	Ft-Lbs
Motor A - Inverter Current - phase B	124	AMP
Motor A - Inverter Current - phase C	20	AMP
Motor A - Inverter Current - phase A	-148	AMP
Motor B - Inverter Current - phase B	-64	AMP
Motor B - Inverter Current - phase A	-28	AMP
Motor B - Inverter Current - phase C	88	AMP
Motor B Resolver Angle	128	Degree
Motor A Resolver Angle	32	Degree
Electric Motor A Speed	5462.5	rpm
Electric Motor B Speed	1.0	rpm
PIM DC Link Voltage - A	386	Volts
PIM DC Link Voltage - B	387	Volts
Outside Air Temperature	80.6	°F
HV Battery Sleep Time	0	Days
HV Battery Voltage from BPCM	386.40	Volts
Battery Feed Voltage 1 Sense	14.688	Volts
Battery Feed Voltage 2 Sense	14.688	Volts
Battery Feed Voltage 3 Sense	14.616	Volts
Inverter A IGBT Temperature for phase A	82	°F
Inverter A IGBT Temperature for phase C	82	°F
Inverter A IGBT Temperature for phase B	82	°F
Inverter B IGBT Temperature for phase A	79	°F
Inverter B IGBT Temperature for phase B	79	°F
Inverter B IGBT Temperature for phase C	82	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
DTC	C1 00 00	
Test Failed	False	

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	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	True	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Propulsion System Active	
PHEV Charging Status	No Charging	
Original Odometer Value	825.3	miles
Most Recent Odometer Value	825.3	miles
Ignition Cycle Counter	0	
Frequency Counter	10	
Real time clock	25691392	sec
RAM stamps keyOn	30	sec
RAM Stamps	1269	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	87	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	82	°F
Motor B Temp Sensor	73	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	77	°F
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.136	Volts
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs

Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor A Resolver Angle	72	Degree
Motor B Resolver Angle	114	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	386	Volts
PIM DC Link Voltage - B	387	Volts
HV Battery Voltage from BPCM	386.70	Volts
Outside Air Temperature	82.4	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 2 Sense	14.688	Volts
Battery Feed Voltage 3 Sense	14.616	Volts
Battery Feed Voltage 1 Sense	14.688	Volts
Inverter A IGBT Temperature for phase C	79	°F
Inverter A IGBT Temperature for phase A	79	°F
Inverter B IGBT Temperature for phase B	79	°F
Inverter B IGBT Temperature for phase A	79	°F
Inverter A IGBT Temperature for phase B	79	°F
Inverter B IGBT Temperature for phase C	79	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
DTC	D8 18 00	

Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	True	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Propulsion System Active	
PHEV Charging Status	No Charging	
Original Odometer Value	825.3	miles
Most Recent Odometer Value	825.3	miles
Frequency Counter	10	
Ignition Cycle Counter	0	
Real time clock	25691392	sec
RAM stamps keyOn	30	sec
RAM Stamps	1269	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	87	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	82	°F
Motor B Temp Sensor	73	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	77	°F
Internal EPS Voltage Sense B	8.136	Volts
Motor B Torque	0.000	Ft-Lbs
Internal EPS Voltage Sense A	8.208	Volts

Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	114	Degree
Motor A Resolver Angle	72	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	386	Volts
PIM DC Link Voltage - B	387	Volts
HV Battery Voltage from BPCM	386.70	Volts
Outside Air Temperature	82.4	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	14.688	Volts
Battery Feed Voltage 2 Sense	14.688	Volts
Inverter A IGBT Temperature for phase A	79	°F
Inverter A IGBT Temperature for phase B	79	°F
Battery Feed Voltage 3 Sense	14.616	Volts
Inverter A IGBT Temperature for phase C	79	°F
Inverter B IGBT Temperature for phase B	79	°F
Inverter B IGBT Temperature for phase A	79	°F
Inverter B IGBT Temperature for phase C	79	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

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

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

DTC	D8 52 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	True	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Hybrid System State	Propulsion System Active	
PHEV Charging Status	No Charging	
Original Odometer Value	825.3	miles
Most Recent Odometer Value	825.3	miles
Frequency Counter	5	
Ignition Cycle Counter	0	
Real time clock	25691384	sec
RAM stamps keyOn	15	sec
RAM Stamps	1269	Min
Accelerator Pedal Position	0	%
Engine Speed	1215	rpm
HV Battery SOC	87	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	82	°F
Barometric Pressure	11	PSI
Motor B Temp Sensor	73	°F
Engine Coolant Temperature	75	°F
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.136	Volts

Motor A Torque	21.202	Ft-Lbs
Actual Torque - Motor A	21.202	Ft-Lbs
Actual Torque - Motor B	20.280	Ft-Lbs
Motor B Torque	20.280	Ft-Lbs
Available Motor Torque - Motor A	85.730	Ft-Lbs
Available Motor Torque - Motor B	232.485	Ft-Lbs
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Commanded Torque - Motor A	20.465	Ft-Lbs
Available Regen Torque - Motor B	-232.485	Ft-Lbs
Commanded Torque - Motor B	20.649	Ft-Lbs
Motor A - Inverter Current - phase B	-60	AMP
Motor A - Inverter Current - phase A	76	AMP
Motor A - Inverter Current - phase C	-24	AMP
Motor B - Inverter Current - phase A	-32	AMP
Motor B - Inverter Current - phase C	40	AMP
Motor B - Inverter Current - phase B	-16	AMP
Motor B Resolver Angle	114	Degree
Electric Motor A Speed	4608.5	rpm
Motor A Resolver Angle	232	Degree
Electric Motor B Speed	3.0	rpm
PIM DC Link Voltage - A	383	Volts
HV Battery Voltage from BPCM	383.40	Volts
PIM DC Link Voltage - B	384	Volts
Outside Air Temperature	80.6	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	14.616	Volts
Battery Feed Voltage 2 Sense	14.688	Volts
Battery Feed Voltage 3 Sense	14.616	Volts
Inverter A IGBT Temperature for phase A	82	°F
Inverter A IGBT Temperature for phase C	82	°F
Inverter A IGBT Temperature for phase B	82	°F
Inverter B IGBT Temperature for phase A	79	°F
Inverter B IGBT Temperature for phase B	79	°F
Inverter B IGBT Temperature for phase C	84	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

NAME	VALUE	UNITS
DTC	05 62 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	ERROR	
Mirror Memory	No	
Undervoltage Suspected	No	
iBooster System Mode	Ready Mode - iBooster is ready for actuation	
Brake Pedal Applied	brake pedal not applied	
iBooster Brake Pedal State	brake pedal not applied	
Original Odometer Value	825	miles
Most Recent Odometer Value	825	miles
Frequency Counter	1	
ECU Supply	7.2	V
Fault Time	948.20	S
Ignition Cycle Counter	0	
Booster Supply	7.2	V
Ignition	7.2	V
Pedal Travel Sensor Supply	5.0	V
iBooster ECU Temperature Channel 1	74.9469	°F
ESP Master Cylinder Pressure	0.00	PSI
iBooster Rotary Position Sensor	0.00	Deg
iBooster Output Rod Stroke	0.00	mm_
iBooster ECU Temperature Channel 2	74.3563	°F
iBooster Input Rod Stroke	0.04	mm_
Pedal Travel Sensor Two	-0.0585930	mm_
Vehicle Speed	0.00	MPH
iBooster Boost Body Stroke	-0.06	mm_
Pedal Travel Sensor One	-0.0878895	mm_
Supplier Internal Code	208	

ABSO | C0021-00 | Active | Brake Booster-

NAME	VALUE	UNITS
DTC	40 21 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	

Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	ERROR	
Controller Event	No	
Undervoltage Suspected	No	
Mirror Memory	No	
Current System Mode	Engine Running	
Previous System Mode	Engine Running	
System Condition	OK	
Brake Pedal Status	Released	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ABS control	Not active	
ASR control	Not active	
MSR control	Not active	
EBV control	Not active	
ESP Control	Not active	
HSA control	Not active	
HBA control	Not active	
Hold	No	
Plant Mode	No	
Braking assistance system	No Assistance System Is Braking	
EPB Mode Status	Static	
BLS High	No	
BLS Low	Yes	
ESP-OFF mode	No	
Clutch	Not Activated	
Stop Coordinator Active	No	
Park Brake	Not Activated	
Actual Gear	P	
Transmission selector lever setting	P	
Status Parking Brake Left	Brake is Released	
Status Parking Brake Right	Brake is Released	
EPB Switch Status	Idle	
Original Odometer Value	825	miles
Ignition Cycle Counter	0	
Fault Time	986.00	S
Frequency Counter	2	
Most Recent Odometer Value	825	miles
Supply Voltage Valves	14.6	V

Supply voltage Pump	14.8	V
Brake Pedal Travel Sensor Position	0	%
Ignition Unfiltered	14.6	V
Wheel Speed Right Front	0.000	MPH
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Longitudinal Acceleration	0.22	m/s^2
Steering Wheel Angle	0.00	°
Lateral Acceleration	0.00	m/s^2
Yaw Rate	0.000	°/s
Engine Speed	1464.0	rpm
Supplier Internal Code	582	
Accelerator Pedal Position	0.0	%
Primary Circuit Pressure	0.00	PSI

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

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

HSA control	Not active	
HBA control	Not active	
Braking assistance system	No Assistance System Is Braking	
Hold	No	
EPB Mode Status	Static	
Plant Mode	No	
BLS High	No	
BLS Low	Yes	
Park Brake	Not Activated	
ESP-OFF mode	No	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	P	
Transmission selector lever setting	P	
Status Parking Brake Left	Brake is Released	
Status Parking Brake Right	Brake is Released	
EPB Switch Status	Idle	
Most Recent Odometer Value	825	miles
Original Odometer Value	825	miles
Ignition Cycle Counter	0	
Fault Time	1084.20	S
Supply Voltage Valves	14.6	V
Supply voltage Pump	14.8	V
Brake Pedal Travel Sensor Position	0	%
Frequency Counter	4	
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Ignition Unfiltered	14.6	V
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Steering Wheel Angle	0.00	°
Longitudinal Acceleration	0.22	m/s^2
Lateral Acceleration	0.00	m/s^2
Yaw Rate	0.000	°/s
Engine Speed	1231.0	rpm
Primary Circuit Pressure	0.00	PSI
Accelerator Pedal Position	0.0	%
Supplier Internal Code	287	

ABSO | U1822-00 | Active | Lost Communication with EBBM on D-PT CAN-

NAME	VALUE	UNITS
DTC	D8 22 00	
Test Failed	True	
Test Failed This Operation Cycle	True	

Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Current System Mode	Engine Running	
Previous System Mode	Engine Running	
System Condition	ESC/TSC Fault	
Brake Pedal Status	Released	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ABS control	Not active	
ASR control	Not active	
MSR control	Not active	
EBV control	Not active	
ESP Control	Not active	
HSA control	Not active	
HBA control	Not active	
Hold	No	
Plant Mode	No	
Braking assistance system	No Assistance System Is Braking	
EPB Mode Status	Static	
BLS High	No	
BLS Low	Yes	
Park Brake	Not Activated	
ESP-OFF mode	No	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	P	
Status Parking Brake Left	Brake is Released	
Transmission selector lever setting	P	
EPB Switch Status	Idle	
Status Parking Brake Right	Brake is Released	
Most Recent Odometer Value	825	miles
Original Odometer Value	825	miles
Frequency Counter	4	
Fault Time	1085.60	S

Ignition Cycle Counter	0	
Brake Pedal Travel Sensor Position	0	%
Supply Voltage Valves	14.6	V
Supply voltage Pump	14.8	V
Ignition Unfiltered	14.7	V
Wheel Speed Right Front	0.000	MPH
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Left Front	0.000	MPH
Longitudinal Acceleration	0.00	m/s^2
Wheel Speed Right Rear	0.000	MPH
Steering Wheel Angle	0.00	°
Lateral Acceleration	0.00	m/s^2
Primary Circuit Pressure	0.00	PSI
Accelerator Pedal Position	0.0	%
Yaw Rate	0.000	°/s
Engine Speed	1336.0	rpm
Supplier Internal Code	264	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for U0415-00

No Snapshot Data available for P2689-00

No Snapshot Data available for C2227-00

No Snapshot Data available for P0480-00

No Snapshot Data available for P1C64-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U1818-00

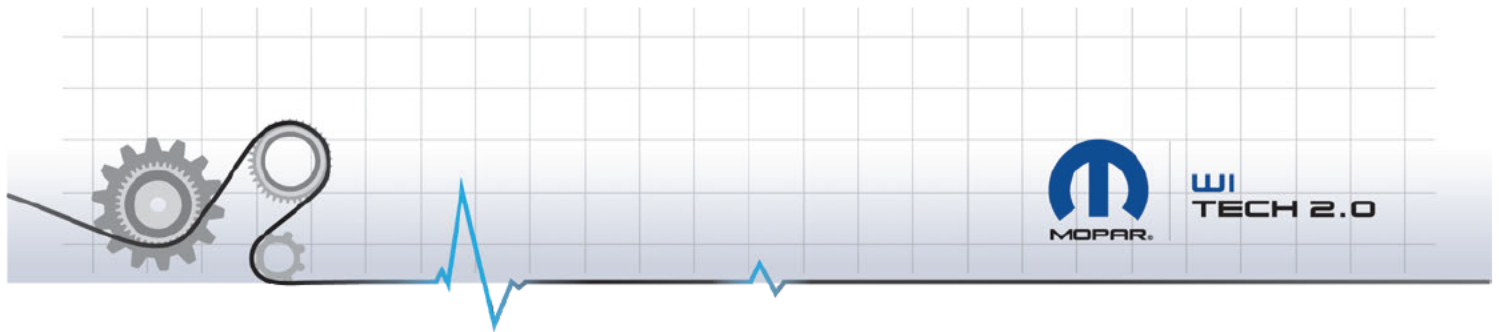
No Snapshot Data available for U1852-00

No Snapshot Data available for P0562-00

No Snapshot Data available for C0021-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U1822-00



VEHICLE SCAN REPORT

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

Odometer 824.2 miles
Publication Date Oct 3, 2020, 2:14:29 PM

ECU SUMMARY INFO

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

ACC	Adaptive Cruise Control	CAN-C	04672758AB	2C4RC1N7	2C4RC1N7	04672758AB
RADIO	Radio	CAN-I	68461768AA	2C4RC1	2C4RC1N7	68461768AA
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N7	2C4RC1N7	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N7	2C4RC1N7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N7	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N7	2C4RC1N7	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N7	2C4RC1N7	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N7	2C4RC1N7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1N7	2C4RC1N7	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190265AE	2C4RC1N7	2C4RC1N7	05190265AE
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N7	2C4RC1N7	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N7	2C4RC1N7	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N7	2C4RC1N7	68316174AB
VRM	Video Routing Module	CAN-I	68376134AF	2C4RC1N7	2C4RC1N7	68376134AF
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1N7	2C4RC1N7	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N7	2C4RC1N7	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N7	2C4RC1N7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190266AE	2C4RC1N7	2C4RC1N7	05190266AE
EBBM	Electronic Brake Booster Module	CAN-C	68461813AA	2C4RC1N7	2C4RC1N7	68461813AA
ABSO	Anti Lock Brakes OBD	CAN-C	68461812AA	2C4RC1N7	2C4RC1N7	68461812AA
SGW	Security Gateway Module	CAN-C	68447193AB		2C4RC1N7	68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 02 06	4419	249CA006
ICS	USA	0F 0C 00	11 16 00	4700	
RFH	USA / USA	10 17 00	13 09 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	11 1F 00	12 2B 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	

HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 02 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	13 27 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	0E 30 00	10 2B 00	4301	
BCM	USA	0D 11 00	13 0C 90	4415	
ACC	USA / USA	13 29 00	11 0D 00	4201	
RADIO	USA	13 1D 2A	13 1D 2A	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	11 2B 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1D 07	13 05 03	4005	C6F23FD5 E84E843F 31B4913E
OBCM	USA	0F 0D 00	11 2B 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	11 16 00	11 15 00	4000	
VRM	USA / USA	0F 1C 00	13 0C 10	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 32 01	12 33 00	4003	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1D 07	13 05 03	4000	
EBBM	USA	0E 19 02	12 31 17	4000	AD6A1E22
ABSO	USA	0E 15 02	12 2E 1E	4201	
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	U0109	Lost Communication With Fuel Pump Control Module	Pending
PTS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
BCM	P2689-00	Fuel Supply Heater Control Circuit High-	Active

ACC	C2227-00	ABS Disabled ECU-	Stored
HCP	P0480-00	Cooling Fan 1 Control Circuit/Open-	Active
HCP	P079B-00	Transmission Friction Element 2 Slip Detected-	Active
HCP	U1852-00	Implausible Data Received from ABS on D-PT-	Active
EBBM	P0562-00	System Voltage Low-	Active
ABSO	C0021-00	Brake Booster-	Active
ABSO	C008F-00	Calibration Not Learned-	Active

ENVIRONMENTAL DATA SUMMARY

PCM | U0109 | Pending | Lost Communication With Fuel Pump Control Module

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

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

NAME	VALUE	UNITS
DTC	C4 15 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Confirmed DTC	True	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Occurrence flag	Occurrence	
Original Odometer Value	0	miles
Frequency Counter	4	
DC/DC Converter Voltage	85	Volt
Most Recent Odometer Value	815	miles

BCM | P2689-00 | Active | Fuel Supply Heater Control Circuit High-

NAME	VALUE	UNITS
Test Failed	True	
Test Failed This Operation Cycle	True	
Confirmed DTC	True	
Pending DTC	False	
DTC Extended Data Record Number - All	01	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	ERROR	
Original Odometer Value	815	miles
Ignition Cycle Counter	0	
Frequency Counter	1	
Most Recent Odometer Value	815	miles

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

NAME	VALUE	UNITS
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	True	
Test Failed	False	
Pending DTC	True	
Test Failed This Operation Cycle	False	
Occurrence flag	ERROR	
Warning Indicator Requested	False	
PRNDL Status	P range	
Operation Cycle Counter	2	
Frequency Counter	1	
Vehicle Speed	0	MPH
Engine RPM	0	rpm
Most Recent Odometer Value	815	miles
Object of Interest Distance	830	FEET
Original Odometer Value	815	miles
Ignition Voltage	11.4	
ACC Set Speed	0	MPH
System Voltage	11.6	Volts
Engine Torque Request	SNA	Ft-Lbs

HCP | P0480-00 | Active | Cooling Fan 1 Control Circuit/Open-

NAME	VALUE	UNITS
DTC	04 80 00	
Test Failed	True	

Confirmed DTC	True	
Test Failed This Operation Cycle	True	
Pending 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	True	
Occurrence flag	Occurrence	
PHEV Charging Status	No Charging	
Propulsion System Active	True	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Thermal System Enable State	On	
Front Refrigerant Shut-Off Valve Status	Off	
Chiller Shut-Off Valve Status	On	
High Temperature Shut-Off Valve Status	On	
Hybrid System State	Propulsion System Active	
CBC Wake-Up Input	On	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Most Recent Odometer Value	824.2	miles
Frequency Counter	1	
RAM stamps keyOn	540	sec
Ignition Cycle Counter	0	
Original Odometer Value	824.2	miles
Real time clock	24063104	sec
RAM Stamps	292	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
Passive Pump Coolant Temp In Sensor	79	°F
Barometric Pressure	15	PSI
HV Battery SOC	79	%
Vehicle Speed	0.0000	MPH
Engine Coolant Temperature	77	°F
A/C Refrigerant Pressure	101.5	PSI
Motor A Temp Sensor	81	°F
EAC Compressor Speed	0	rpm
Outside Air Temperature	75.2	°F

HV Coolant Heater - Measured Coolant Inlet Temp	79	°F
Electric Coolant Heater Temp Sensor	81	°F
Motor B Temp Sensor	81	°F
Battery Feed Voltage 3 Sense	13.464	Volts
Heater Core Coolant Temp Sensor	79	°F
Radiator Fan Duty Cycle	100	%
Battery Feed Voltage 2 Sense	13.536	Volts
Internal EPS Voltage Sense A	8.208	Volts
Low Temp Passive Pump - Temperature	79	°F
HV Coolant Heater - Measured Coolant Outlet Temp	79	°F
Low Temp Active Pump - Temperature	79	°F
High Temp Cabin Valve Feedback	0.39	degrees
Internal EPS Voltage Sense B	8.136	Volts
Battery Feed Voltage 1 Sense	13.536	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
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 Resolver Angle	102	Degree
Motor B Resolver Angle	114	Degree
Motor B - Inverter Current - phase C	0	AMP
HV Battery Voltage from BPCM	378.40	Volts
Electric Motor A Speed	0.0	rpm
PIM DC Link Voltage - B	379	Volts
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	378	Volts
Inverter A IGBT Temperature for phase A	82	°F
Inverter A IGBT Temperature for phase B	82	°F
Inverter A IGBT Temperature for phase C	82	°F
Inverter B IGBT Temperature for phase A	82	°F
Inverter B IGBT Temperature for phase B	82	°F
Inverter B IGBT Temperature for phase C	84	°F
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
GPS Date - Day	1	Days
Motor B Torque	0.000	Ft-Lbs

GPS Date - Year	0	Year
HV Battery Sleep Time	0	Days
GPS Date - Month	1	
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
UTC Time - Hours	0	Hours
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
Test Failed	True	
DTC	07 9B 00	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	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 ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1901p0_1901A_RU_H	
HCP SW Version	1901A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Inverters Enabled	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	824.2	miles
Frequency Counter	1	
Original Odometer Value	824.2	miles
Real time clock	24062600	sec
Ignition Cycle Counter	0	
RAM Stamps	283	Min
RAM stamps keyOn	45	sec

Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	79	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	81	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	77	°F
Motor B Temp Sensor	81	°F
Internal EPS Voltage Sense B	8.136	Volts
Internal EPS Voltage Sense A	8.136	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor A Resolver Angle	102	Degree
Electric Motor A Speed	0.0	rpm
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	114	Degree
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	379	Volts
HV Battery Voltage from BPCM	378.90	Volts
PIM DC Link Voltage - B	379	Volts
Outside Air Temperature	75.2	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 3 Sense	11.664	Volts
Battery Feed Voltage 1 Sense	11.592	Volts
Battery Feed Voltage 2 Sense	11.592	Volts
Inverter A IGBT Temperature for phase A	82	°F
Inverter A IGBT Temperature for phase C	82	°F
Inverter A IGBT Temperature for phase B	82	°F
Inverter B IGBT Temperature for phase B	82	°F
Inverter B IGBT Temperature for phase C	82	°F
Inverter B IGBT Temperature for phase A	82	°F

GPS Date - Month	1	
GPS Date - Year	0	Year
Distance Travelled with Light ON	0	miles
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
DTC	D8 52 00	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Test Failed	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
HCP System Shutdown Command	Default	
CBC Wake-Up Input	On	
SW Build Release Version	PIMC19A1901p0_1901A_RU_H	
HCP SW Version	1901A	
HV Contactor Status	Closed	
EPT LOC Diag Enable	Enable LOC Diagnostic	
APM Status	Off	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Inverters Enabled	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	824.2	miles
Original Odometer Value	824.2	miles
Real time clock	24063478	sec
Frequency Counter	7	
Ignition Cycle Counter	0	
RAM Stamps	298	Min

RAM stamps keyOn	915	sec
Accelerator Pedal Position	0	%
Motor A Temp Sensor	81	°F
Vehicle Speed	0.0000	MPH
Engine Speed	0	rpm
HV Battery SOC	78	%
Barometric Pressure	15	PSI
Motor B Temp Sensor	81	°F
Engine Coolant Temperature	77	°F
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.136	Volts
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B Resolver Angle	114	Degree
Motor A Resolver Angle	102	Degree
PIM DC Link Voltage - A	378	Volts
Electric Motor B Speed	0.0	rpm
Electric Motor A Speed	0.0	rpm
PIM DC Link Voltage - B	379	Volts
HV Battery Voltage from BPCM	378.40	Volts
Outside Air Temperature	75.2	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	12.096	Volts
Battery Feed Voltage 2 Sense	12.168	Volts
Inverter A IGBT Temperature for phase A	79	°F
Battery Feed Voltage 3 Sense	12.168	Volts
Inverter A IGBT Temperature for phase B	79	°F
Inverter B IGBT Temperature for phase A	79	°F
Distance Travelled with Light ON	0	miles
Inverter A IGBT Temperature for phase C	79	°F

Inverter B IGBT Temperature for phase B	79	°F
Inverter B IGBT Temperature for phase C	81	°F
GPS Date - Year	0	Year
GPS Date - Month	1	
UTC Time - Hours	0	Hours
GPS Date - Day	1	Days
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

EBBM | P0562-00 | Active | System Voltage Low-

NAME	VALUE	UNITS
DTC	05 62 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Pending DTC	True	
Confirmed DTC	True	
Mirror Memory	No	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	ERROR	
Undervoltage Suspected	No	
iBooster System Mode	Ready Mode - iBooster is ready for actuation	
Brake Pedal Applied	brake pedal not applied	
iBooster Brake Pedal State	brake pedal not applied	
Most Recent Odometer Value	815	miles
Fault Time	6.00	S
Original Odometer Value	815	miles
Booster Supply	6.3	V
Frequency Counter	2	
Ignition Cycle Counter	0	
ECU Supply	6.3	V
iBooster ECU Temperature Channel 2	81.5281	°F
Pedal Travel Sensor Supply	5.0	V
Ignition	6.3	V
iBooster ECU Temperature Channel 1	82.1469	°F
ESP Master Cylinder Pressure	0.00	PSI
Pedal Travel Sensor One	-0.1054674	mm_
iBooster Output Rod Stroke	0.00	mm_
iBooster Boost Body Stroke	-0.07	mm_
iBooster Rotary Position Sensor	0.00	Deg
Vehicle Speed	0.00	MPH

Pedal Travel Sensor Two	-0.0624992	mm_
iBooster Input Rod Stroke	0.00	mm_
Supplier Internal Code	209	

ABSO | C0021-00 | Active | Brake Booster-

NAME	VALUE	UNITS
DTC	40 21 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	ERROR	
Mirror Memory	No	
Controller Event	No	
Undervoltage Suspected	No	
Previous System Mode	Ignition Run	
Current System Mode	Ignition Run	
System Condition	OK	
Brake Pedal Status	Released	
Rotation Direction Right Front	Forward	
Rotation Direction Left Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ABS control	Not active	
ASR control	Not active	
MSR control	Not active	
ESP Control	Not active	
EBV control	Not active	
HSA control	Not active	
HBA control	Not active	
Braking assistance system	No Assistance System Is Braking	
Hold	No	
EPB Mode Status	Limp Home	
Plant Mode	No	
BLS High	No	
BLS Low	Yes	
ESP-OFF mode	No	
Park Brake	Not Activated	
Clutch	Not Activated	
Actual Gear	P	

Stop Coordinator Active	No	
Transmission selector lever setting	P	
Status Parking Brake Left	Brake is Released	
Status Parking Brake Right	Brake is Released	
EPB Switch Status	Idle	
Original Odometer Value	815	miles
Fault Time	361.20	S
Ignition Cycle Counter	0	
Frequency Counter	1	
Most Recent Odometer Value	815	miles
Brake Pedal Travel Sensor Position	0	%
Supply Voltage Valves	11.6	V
Supply voltage Pump	11.7	V
Wheel Speed Left Front	0.000	MPH
Ignition Unfiltered	11.6	V
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Steering Wheel Angle	0.00	°
Wheel Speed Right Rear	0.000	MPH
Yaw Rate	0.000	°/s
Longitudinal Acceleration	0.00	m/s^2
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	582	

ABSO | C008F-00 | Active | Calibration Not Learned-

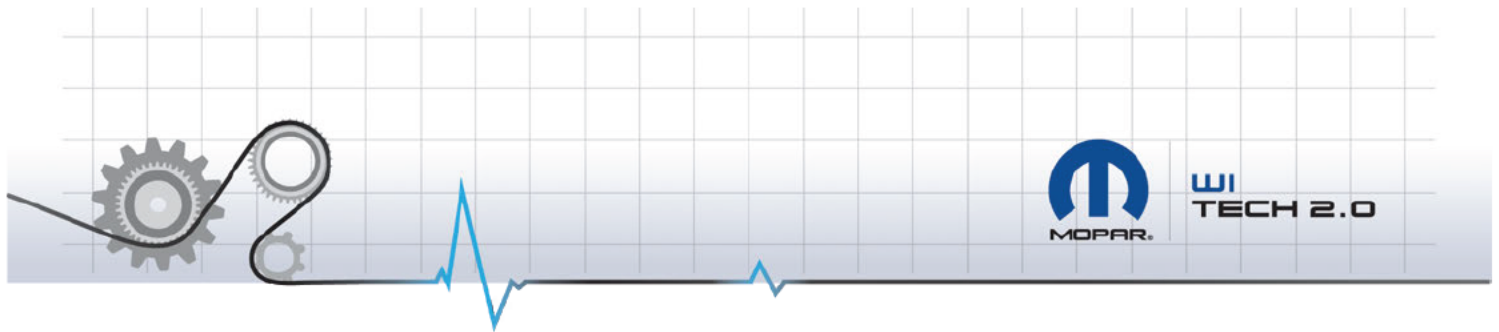
NAME	VALUE	UNITS
DTC	40 8F 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Confirmed DTC	True	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	False	
Warning Indicator Requested	True	
Occurrence flag	ERROR	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Current System Mode	Ignition Run	
Previous System Mode	Ignition Run	

System Condition	OK	
Brake Pedal Status	Released	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
MSR control	Not active	
ASR control	Not active	
ABS control	Not active	
EBV control	Not active	
HSA control	Not active	
ESP Control	Not active	
HBA control	Not active	
Hold	No	
Braking assistance system	No Assistance System Is Braking	
EPB Mode Status	Limp Home	
Plant Mode	No	
BLS Low	Yes	
BLS High	No	
ESP-OFF mode	No	
Park Brake	Not Activated	
Clutch	Not Activated	
Stop Coordinator Active	No	
Status Parking Brake Left	Brake is Released	
Actual Gear	P	
Transmission selector lever setting	P	
EPB Switch Status	Idle	
Status Parking Brake Right	Brake is Released	
Frequency Counter	1	
Most Recent Odometer Value	815	miles
Original Odometer Value	815	miles
Ignition Cycle Counter	0	
Supply Voltage Valves	11.6	V
Brake Pedal Travel Sensor Position	0	%
Fault Time	361.00	S
Ignition Unfiltered	11.6	V
Supply voltage Pump	11.7	V
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Steering Wheel Angle	0.00	°
Lateral Acceleration	0.00	m/s^2
Longitudinal Acceleration	0.00	m/s^2

Primary Circuit Pressure	0.00	PSI
Accelerator Pedal Position	0.0	%
Yaw Rate	0.000	°/s
Engine Speed	0.0	rpm
Supplier Internal Code	138	

SNAPSHOT DATA SUMMARY

- No Snapshot Data available for U0109
- No Snapshot Data available for U0415-00
- No Snapshot Data available for P2689-00
- No Snapshot Data available for C2227-00
- No Snapshot Data available for P0480-00
- No Snapshot Data available for P079B-00
- No Snapshot Data available for U1852-00
- No Snapshot Data available for P0562-00
- No Snapshot Data available for C0021-00
- No Snapshot Data available for C008F-00



VEHICLE SCAN REPORT

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

Odometer 823.7 miles
Publication Date Sep 17, 2020, 12:56:45 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	[REDACTED]	ORIGINAL	[REDACTED]	PART #
PCM	Powertrain Control Module	CAN-C	68444228AD	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68444228AD
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68453559AB	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68240089AM
ORC	Occupant Restraint	CAN-C	68405567AC	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68405567AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68447893AC
DDM	Driver Door Module	CAN-I	68424449AC	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68424449AC
PDM	Passenger Door Module	CAN-I	68424448AC	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68424448AC
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434912AB	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68434912AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434956AC	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68434956AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AC	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68360889AC
BCM	Body Controller	CAN-C	68424601AD	2C4RC1N	[REDACTED]	2C4RC1N7	[REDACTED]	68424601AD

ACC	Adaptive Cruise Control	CAN-C	04672758AB	2C4RC1N		2C4RC1N7	04672758AB
RADIO	Radio	CAN-I	68461768AA	2C4RC1		2C4RC1N7	68461768AA
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N		2C4RC1N7	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N		2C4RC1N7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N7	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N		2C4RC1N7	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N		2C4RC1N7	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N		2C4RC1N7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1N		2C4RC1N7	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190265AE	2C4RC1N		2C4RC1N7	05190265AE
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N		2C4RC1N7	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N		2C4RC1N7	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N		2C4RC1N7	68316174AB
VRM	Video Routing Module	CAN-I	68376134AF	2C4RC1N		2C4RC1N7	68376134AF
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1N		2C4RC1N7	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N		2C4RC1N7	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N		2C4RC1N7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190266AE	2C4RC1N		2C4RC1N7	05190266AE
EBBM	Electronic Brake Booster Module	CAN-C	68461813AA	2C4RC1N		2C4RC1N7	68461813AA
ABSO	Anti Lock Brakes OBD	CAN-C	68461812AA	2C4RC1N		2C4RC1N7	68461812AA
SGW	Security Gateway Module	CAN-C	68447193AB			2C4RC1N7	68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 02 06	4419	249CA006
ICS	USA	0F 0C 00	11 16 00	4700	
RFH	USA / USA	10 17 00	13 09 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	11 1F 00	12 2B 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	

HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 02 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	13 27 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	0E 30 00	10 2B 00	4301	
BCM	USA	0D 11 00	13 0C 90	4415	
ACC	USA / USA	13 29 00	11 0D 00	4201	
RADIO	USA	13 1D 2A	13 1D 2A	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	11 2B 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1D 07	13 05 03	4005	C6F23FD5 E84E843F 31B4913E
OBCM	USA	0F 0D 00	11 2B 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	11 16 00	11 15 00	4000	
VRM	USA / USA	0F 1C 00	13 0C 10	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 32 01	12 33 00	4003	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1D 07	13 05 03	4000	
EBBM	USA	0E 19 02	12 31 17	4000	AD6A1E22
ABSO	USA	0E 15 02	12 2E 1E	4201	73EEDB6B
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	P1C4E	ABS DTC Present	Active
PTS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
BCM	P2689-00	Fuel Supply Heater Control Circuit High-	Stored

ACC	C2227-00	ABS Disabled ECU-	Active
ACC	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
HCP	P079B-00	Transmission Friction Element 2 Slip Detected-	Active
HCP	P0A44-00	Drive Motor A Position Sensor 1 Circuit Overspeed-	Pending
HCP	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
HCP	U1818-00	Lost Communication With ECM/PCM on D-PT CAN-	Stored
HCP	U1852-00	Implausible Data Received from ABS on D-PT-	Active
ABSO	C0021-00	Brake Booster-	Active
ABSO	U1226-00	Lost Communication with Electronic Brake Booster Module-	Stored
ABSO	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
ABSO	U1822-00	Lost Communication with EBBM on D-PT CAN-	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | P1C4E | Active | ABS DTC Present

NAME	VALUE	UNITS
DTC	1C 4E	
Warning Indicator Request State	Off	
DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Odometer	815.2	miles
Ignition Key Cycles	0	
Accumulation Timer	10	minutes
Warm Up Cycles	0	
Starts Since Set Counter	1	
Number of DTC	1	
Key Cycles Since DTC Last Set Counter	0	
Good Trip Counter	0	

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

NAME	VALUE	UNITS
DTC	C4 15 00	
Test Not Completed This Operation Cycle	False	
Test Failed This Operation Cycle	True	
Confirmed DTC	True	
Test Failed	False	
DTC Extended Data Record Number - All	03	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Pending DTC	True	
Frequency Counter	14	
DC/DC Converter Voltage	85	Volt

Original Odometer Value	0	miles
Most Recent Odometer Value	815	miles

BCM | P2689-00 | Stored | Fuel Supply Heater Control Circuit High-

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed	False	
DTC Extended Data Record Number - All	01	
Test Failed This Operation Cycle	True	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Occurrence flag	Error	
Test Not Completed This Operation Cycle	False	
Frequency Counter	1	
Ignition Cycle Counter	2	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles

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

NAME	VALUE	UNITS
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	Error	
PRNDL Status	P range	
Operation Cycle Counter	0	
Original Odometer Value	815	miles
Frequency Counter	2	
Most Recent Odometer Value	815	miles
ACC Set Speed	0	MPH
Vehicle Speed	0	MPH
Engine RPM	0	rpm
Engine Torque Request	SNA	Ft-Lbs
Object of Interest Distance	830	FEET
Ignition Voltage	14.4	
System Voltage	14.6	Volts

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
PRNDL Status	P range	
Frequency Counter	1	
Operation Cycle Counter	1	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
ACC Set Speed	0	MPH
Engine RPM	0	rpm
Object of Interest Distance	830	FEET
Vehicle Speed	0	MPH
System Voltage	12.3	Volts
Engine Torque Request	SNA	Ft-Lbs
Ignition Voltage	12.1	

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

NAME	VALUE	UNITS
DTC	07 9B 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Warning Indicator Requested	False	
Brake Switch Status	Applied	
Ignition State	Reserved	
Propulsion System Active	True	
PRND Position Display	P	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1901p0_1901A_RU_H	

EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HCP SW Version	1901A	
APM Status	Buck CV	
HV Contactor Status	Closed	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Propulsion System Active	
PHEV Charging Status	No Charging	
Original Odometer Value	823.6	miles
Ignition Cycle Counter	0	
Frequency Counter	1	
Real time clock	22682708	sec
RAM stamps keyOn	855	sec
RAM Stamps	201	Min
Accelerator Pedal Position	0	%
Most Recent Odometer Value	823.6	miles
Engine Speed	1276	rpm
Motor A Temp Sensor	99	°F
Vehicle Speed	0.0000	MPH
HV Battery SOC	88	%
Motor B Temp Sensor	91	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	417	°F
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.136	Volts
Motor A Torque	14.934	Ft-Lbs
Actual Torque - Motor A	14.934	Ft-Lbs
Actual Torque - Motor B	1.567	Ft-Lbs
Available Motor Torque - Motor A	85.730	Ft-Lbs
Motor B Torque	1.567	Ft-Lbs
Available Motor Torque - Motor B	232.946	Ft-Lbs
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Available Regen Torque - Motor B	-232.946	Ft-Lbs
Commanded Torque - Motor A	12.906	Ft-Lbs
Motor A - Inverter Current - phase A	24	AMP
Commanded Torque - Motor B	-1.936	Ft-Lbs
Motor A - Inverter Current - phase B	-48	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	20	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor A Resolver Angle	192	Degree
Motor B Resolver Angle	296	Degree

Electric Motor A Speed	4810.0	rpm
Electric Motor B Speed	-1.5	rpm
PIM DC Link Voltage - A	384	Volts
Outside Air Temperature	91.4	°F
PIM DC Link Voltage - B	385	Volts
HV Battery Sleep Time	0	Days
HV Battery Voltage from BPCM	384.70	Volts
Battery Feed Voltage 1 Sense	14.112	Volts
Battery Feed Voltage 2 Sense	14.184	Volts
Battery Feed Voltage 3 Sense	14.040	Volts
Inverter A IGBT Temperature for phase A	102	°F
Inverter B IGBT Temperature for phase A	100	°F
Inverter A IGBT Temperature for phase C	102	°F
Inverter A IGBT Temperature for phase B	102	°F
Inverter B IGBT Temperature for phase B	102	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Day	1	Days
GPS Date - Month	1	
Inverter B IGBT Temperature for phase C	102	°F
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

HCP | P0A44-00 | Pending | Drive Motor A Position Sensor 1 Circuit Overspeed-

NAME	VALUE	UNITS
DTC	0A 44 00	
Test Failed This Operation Cycle	False	
Test Failed	False	
Pending DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Confirmed DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Occurrence flag		
Brake Switch Status		
PHEV Charging Status		
Ignition State		
PRND Position Display		
Propulsion System Active		
Motor A Resolver Offset Learn Erase		
Motor A Resolver Offset Learning Status Flag		

Motor B Resolver Offset Learning Status Flag		
Motor B Resolver to Digital Low Level Driver Faults		
Motor A Resolver to Digital Low Level Driver Faults		
Hybrid System State		
HCP ePT Wake-Up Output		
HV Contactor Status		
EPT LOC Diag Enable		
CBC Wake-Up Input		
APM Status		
Impact Event		
HCP System Shutdown Command		
Motor B Resolver Offset Learn Erase		
OBCM Operating Mode		
J1772 Prox Detected State		
Real time clock		sec
RAM stamps keyOn		sec
Frequency Counter		
Original Odometer Value		miles
Ignition Cycle Counter		
RAM Stamps		Min
Engine Speed		rpm
HV Battery SOC		%
Motor B Temp Sensor		°F
Vehicle Speed		MPH
Most Recent Odometer Value		miles
Engine Coolant Temperature		°F
Motor A Temp Sensor		°F
Motor B Resolver Angle Offset		Degree
Motor A Resolver Supply Voltage Value		Volts
Actual Torque - Motor B		Ft-Lbs
Actual Torque - Motor A		Ft-Lbs
Accelerator Pedal Position		%
Motor B Resolver Supply Voltage Value		Volts
Internal EPS Voltage Sense B		Volts
Battery Feed Voltage 2 Sense		Volts
Motor A Resolver Angle Offset		Degree
Internal EPS Voltage Sense A		Volts
Available Motor Torque - Motor B		Ft-Lbs
Barometric Pressure		PSI
Available Regen Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Electric Motor B Speed		rpm

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

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

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

Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1901p0_1901A_RU_H	
HCP SW Version	1901A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
Impact Event	False	
APM Status	Off	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	823.6	miles
Original Odometer Value	823.6	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
RAM stamps keyOn	855	sec
Accelerator Pedal Position	0	%
RAM Stamps	201	Min
Engine Speed	2531	rpm
Real time clock	22682714	sec
HV Battery SOC	87	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	99	°F
Barometric Pressure	14	PSI
Motor B Temp Sensor	91	°F
Engine Coolant Temperature	88	°F
Internal EPS Voltage Sense A	8.208	Volts
Motor A Torque	0.000	Ft-Lbs
Internal EPS Voltage Sense B	8.136	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	40.468	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.577	Ft-Lbs
Available Regen Torque - Motor A	-40.468	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.577	Ft-Lbs

Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	294	Degree
Electric Motor B Speed	2.0	rpm
Electric Motor A Speed	10630.0	rpm
PIM DC Link Voltage - B	387	Volts
HV Battery Voltage from BPCM	386.60	Volts
PIM DC Link Voltage - A	386	Volts
Outside Air Temperature	100.4	°F
Motor A Resolver Angle	282	Degree
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	12.960	Volts
Battery Feed Voltage 2 Sense	12.960	Volts
Battery Feed Voltage 3 Sense	12.888	Volts
Inverter A IGBT Temperature for phase A	106	°F
Inverter A IGBT Temperature for phase C	104	°F
Inverter B IGBT Temperature for phase A	102	°F
Inverter B IGBT Temperature for phase C	106	°F
Inverter B IGBT Temperature for phase B	102	°F
Distance Travelled with Light ON	0	miles
Inverter A IGBT Temperature for phase B	104	°F
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

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

NAME	VALUE	UNITS
DTC	D8 18 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	

Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
CBC Wake-Up Input	Off	
HCP ePT Wake-Up Output	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1901p0_1901A_RU_H	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HCP SW Version	1901A	
APM Status	Off	
HV Contactor Status	Closed	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	823.6	miles
Original Odometer Value	823.6	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	22682714	sec
RAM stamps keyOn	855	sec
RAM Stamps	201	Min
Accelerator Pedal Position	0	%
Vehicle Speed	0.0000	MPH
Engine Speed	2531	rpm
HV Battery SOC	87	%
Motor B Temp Sensor	91	°F
Motor A Temp Sensor	99	°F
Engine Coolant Temperature	88	°F
Barometric Pressure	14	PSI
Internal EPS Voltage Sense B	8.136	Volts
Motor A Torque	0.000	Ft-Lbs
Internal EPS Voltage Sense A	8.208	Volts
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.577	Ft-Lbs
Available Regen Torque - Motor A	-40.468	Ft-Lbs
Available Regen Torque - Motor B	-232.577	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP

Available Motor Torque - Motor A	40.468	Ft-Lbs
Motor A - Inverter Current - phase B	0	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	294	Degree
Electric Motor A Speed	10630.0	rpm
Electric Motor B Speed	2.0	rpm
Motor A Resolver Angle	268	Degree
PIM DC Link Voltage - B	387	Volts
HV Battery Voltage from BPCM	386.60	Volts
HV Battery Sleep Time	0	Days
PIM DC Link Voltage - A	386	Volts
Outside Air Temperature	100.4	°F
Battery Feed Voltage 1 Sense	12.960	Volts
Battery Feed Voltage 2 Sense	12.960	Volts
Battery Feed Voltage 3 Sense	12.888	Volts
Inverter A IGBT Temperature for phase A	106	°F
Inverter A IGBT Temperature for phase B	104	°F
Inverter B IGBT Temperature for phase B	102	°F
Inverter B IGBT Temperature for phase A	102	°F
Inverter A IGBT Temperature for phase C	104	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Day	1	Days
GPS Date - Month	1	
Inverter B IGBT Temperature for phase C	106	°F
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
DTC	D8 52 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	

Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	True	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1901p0_1901A_RU_H	
HCP SW Version	1901A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Propulsion System Active	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	823.6	miles
Original Odometer Value	823.6	miles
Frequency Counter	2	
Ignition Cycle Counter	0	
Real time clock	22682852	sec
RAM stamps keyOn	15	sec
Accelerator Pedal Position	0	%
RAM Stamps	202	Min
HV Battery SOC	87	%
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	100	°F
Motor B Temp Sensor	91	°F
Engine Coolant Temperature	90	°F
Internal EPS Voltage Sense B	8.136	Volts
Motor B Torque	0.000	Ft-Lbs
Internal EPS Voltage Sense A	8.208	Volts
Motor A Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Barometric Pressure	15	PSI
Available Motor Torque - Motor A	87.205	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs

Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	-4	AMP
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 B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	324	Degree
Motor A Resolver Angle	306	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - B	387	Volts
Outside Air Temperature	98.6	°F
PIM DC Link Voltage - A	387	Volts
HV Battery Sleep Time	0	Days
HV Battery Voltage from BPCM	386.90	Volts
Battery Feed Voltage 1 Sense	14.400	Volts
Battery Feed Voltage 2 Sense	14.472	Volts
Battery Feed Voltage 3 Sense	14.328	Volts
Inverter A IGBT Temperature for phase A	100	°F
Inverter A IGBT Temperature for phase B	100	°F
Inverter B IGBT Temperature for phase A	99	°F
Inverter B IGBT Temperature for phase C	100	°F
Inverter B IGBT Temperature for phase B	100	°F
Inverter A IGBT Temperature for phase C	100	°F
GPS Date - Year	0	Year
Distance Travelled with Light ON	0	miles
GPS Date - Month	1	
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
GPS Date - Day	1	Days
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

ABSO | C0021-00 | Active | Brake Booster-

NAME	VALUE	UNITS
DTC	40 21 00	
Test Failed	True	
Pending DTC	True	
Test Failed This Operation Cycle	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	

Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Error	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Current System Mode	Ignition Run	
Previous System Mode	Ignition Run	
System Condition	OK	
Brake Pedal Status	Pressed	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ABS control	Not Active	
ASR control	Not Active	
MSR control	Not Active	
EBV control	Not Active	
ESP Control	Not Active	
HSA control	Not Active	
Hold	No	
HBA control	Not Active	
Braking assistance system	No assistance system is braking	
EPB Mode Status	Static	
Plant Mode	No	
BLS High	Yes	
ESP-OFF mode	No	
Park Brake	Not Activated	
BLS Low	No	
Clutch	Not Activated	
Actual Gear	P	
Stop Coordinator Active	No	
Transmission selector lever setting	P	
Status Parking Brake Right	Brake is Released	
Status Parking Brake Left	Brake is Released	
EPB Switch Status	Idle	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	0	
Fault Time	1021.60	S
Supply voltage Pump	14.6	V
Frequency Counter	3	
Supply Voltage Valves	14.3	V
Brake Pedal Travel Sensor Position	0	%

Ignition Unfiltered	14.3	V
Wheel Speed Right Front	0.000	MPH
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Wheel Speed Left Rear	0.000	MPH
Steering Wheel Angle	-6.40	°
Longitudinal Acceleration	0.00	m/s^2
Lateral Acceleration	0.22	m/s^2
Yaw Rate	0.000	°/s
Primary Circuit Pressure	0.00	PSI
Accelerator Pedal Position	0.0	%
Supplier Internal Code	565	
Engine Speed	0.0	rpm

ABS0 | U1226-00 | Stored | Lost Communication with Electronic Brake Booster Module-

NAME	VALUE	UNITS
DTC	D2 26 00	
Test Failed	False	
Test Failed This Operation Cycle	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	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Current System Mode	Ignition Run	
System Condition	ESC/TSC Fault	
Previous System Mode	Ignition Run	
Brake Pedal Status	Released	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ABS control	Not Active	
ASR control	Not Active	
MSR control	Not Active	
EBV control	Not Active	
ESP Control	Not Active	
HSA control	Not Active	
HBA control	Not Active	

Braking assistance system	No assistance system is braking	
Hold	No	
BLS High	No	
EPB Mode Status	Static	
Plant Mode	No	
BLS Low	Yes	
ESP-OFF mode	No	
Park Brake	Not Activated	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	P	
Transmission selector lever setting	P	
Status Parking Brake Left	Brake is Released	
EPB Switch Status	Idle	
Status Parking Brake Right	Brake is Released	
Most Recent Odometer Value	815	miles
Original Odometer Value	815	miles
Frequency Counter	1	
Fault Time	904.40	S
Ignition Cycle Counter	0	
Supply voltage Pump	12.3	V
Supply Voltage Valves	12.2	V
Brake Pedal Travel Sensor Position	0	%
Ignition Unfiltered	12.2	V
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Steering Wheel Angle	-6.40	°
Lateral Acceleration	0.22	m/s^2
Longitudinal Acceleration	0.00	m/s^2
Engine Speed	0.0	rpm
Primary Circuit Pressure	0.00	PSI
Yaw Rate	0.000	°/s
Accelerator Pedal Position	0.0	%
Supplier Internal Code	270	

ABS0 | U0100-00 | Stored | Lost Communication With ECM/PCM "A"-

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

Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Current System Mode	Engine Running	
Previous System Mode	Engine Running	
System Condition	ESC/TSC Fault	
Brake Pedal Status	Released	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ASR control	Not Active	
ABS control	Not Active	
MSR control	Not Active	
EBV control	Not Active	
ESP Control	Not Active	
HSA control	Not Active	
HBA control	Not Active	
Braking assistance system	No assistance system is braking	
Hold	No	
EPB Mode Status	Static	
Plant Mode	No	
BLS High	No	
BLS Low	Yes	
ESP-OFF mode	No	
Park Brake	Not Activated	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	P	
Transmission selector lever setting	P	
Status Parking Brake Left	Brake is Released	
Status Parking Brake Right	Brake is Released	
EPB Switch Status	Idle	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	880.60	S
Supply Voltage Valves	14.6	V

Brake Pedal Travel Sensor Position	0	%
Supply voltage Pump	14.7	V
Ignition Unfiltered	14.6	V
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Wheel Speed Left Rear	0.000	MPH
Longitudinal Acceleration	0.00	m/s^2
Steering Wheel Angle	-6.40	°
Lateral Acceleration	0.22	m/s^2
Yaw Rate	0.000	°/s
Accelerator Pedal Position	0.0	%
Engine Speed	3780.0	rpm
Primary Circuit Pressure	0.00	PSI
Supplier Internal Code	229	

ABSO | U1822-00 | Stored | Lost Communication with EBBM on D-PT CAN-

NAME	VALUE	UNITS
DTC	D8 22 00	
Test Failed	False	
Test Failed This Operation Cycle	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	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Current System Mode	Ignition Run	
Previous System Mode	Ignition Run	
System Condition	ESC/TSC Fault	
Brake Pedal Status	Released	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ASR control	Not Active	
ABS control	Not Active	
MSR control	Not Active	
EBV control	Not Active	
ESP Control	Not Active	

HBA control	Not Active	
Hold	No	
HSA control	Not Active	
Plant Mode	No	
Braking assistance system	No assistance system is braking	
EPB Mode Status	Static	
BLS High	No	
BLS Low	Yes	
Park Brake	Not Activated	
Clutch	Not Activated	
ESP-OFF mode	No	
Actual Gear	P	
Stop Coordinator Active	No	
Transmission selector lever setting	P	
Status Parking Brake Right	Brake is Released	
Status Parking Brake Left	Brake is Released	
EPB Switch Status	Idle	
Most Recent Odometer Value	815	miles
Original Odometer Value	815	miles
Ignition Cycle Counter	0	
Frequency Counter	1	
Fault Time	887.80	S
Supply voltage Pump	12.6	V
Supply Voltage Valves	12.5	V
Brake Pedal Travel Sensor Position	0	%
Wheel Speed Left Front	0.000	MPH
Ignition Unfiltered	12.5	V
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Steering Wheel Angle	-6.40	°
Lateral Acceleration	0.22	m/s^2
Yaw Rate	0.000	°/s
Longitudinal Acceleration	0.00	m/s^2
Primary Circuit Pressure	0.00	PSI
Accelerator Pedal Position	0.0	%
Engine Speed	0.0	rpm
Supplier Internal Code	268	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P1C4E

No Snapshot Data available for U0415-00

No Snapshot Data available for P2689-00

No Snapshot Data available for C2227-00

No Snapshot Data available for U0415-00

No Snapshot Data available for P079B-00

No Snapshot Data available for P0A44-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U1818-00

No Snapshot Data available for U1852-00

No Snapshot Data available for C0021-00

No Snapshot Data available for U1226-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U1822-00



VEHICLE SCAN REPORT

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

Odometer 823.6 miles
Publication Date Sep 17, 2020, 7:40:43 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT		ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68444228AD	2C4RC1N	[REDACTED]	2C4RC1N7	68444228AD
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N	[REDACTED]	2C4RC1N7	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68453559AB	2C4RC1N	[REDACTED]	2C4RC1N7	68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1N	[REDACTED]	2C4RC1N7	68240089AM
ORC	Occupant Restraint	CAN-C	68405567AC	2C4RC1N	[REDACTED]	2C4RC1N7	68405567AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1N	[REDACTED]	2C4RC1N7	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC	2C4RC1N	[REDACTED]	2C4RC1N7	68447893AC
DDM	Driver Door Module	CAN-I	68424449AC	2C4RC1N	[REDACTED]	2C4RC1N7	68424449AC
PDM	Passenger Door Module	CAN-I	68424448AC	2C4RC1N	[REDACTED]	2C4RC1N7	68424448AC
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N	[REDACTED]	2C4RC1N7	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N	[REDACTED]	2C4RC1N7	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N	[REDACTED]	2C4RC1N7	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N	[REDACTED]	2C4RC1N7	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N	[REDACTED]	2C4RC1N7	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N	[REDACTED]	2C4RC1N7	68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434912AB	2C4RC1N	[REDACTED]	2C4RC1N7	68434912AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1N	[REDACTED]	2C4RC1N7	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434956AC	2C4RC1N	[REDACTED]	2C4RC1N7	68434956AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N	[REDACTED]	2C4RC1N7	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AC	2C4RC1N	[REDACTED]	2C4RC1N7	68360889AC
BCM	Body Controller	CAN-C	68424601AD	2C4RC1N	[REDACTED]	2C4RC1N7	68424601AD

ACC	Adaptive Cruise Control	CAN-C	04672758AB	2C4RC1N7	2C4RC1N7	04672758AB
RADIO	Radio	CAN-I	68461768AA	2C4RC1	2C4RC1N7	68461768AA
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N7	2C4RC1N7	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N7	2C4RC1N7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7	2C4RC1N7	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N7	2C4RC1N7	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N7	2C4RC1N7	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N7	2C4RC1N7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1N7	2C4RC1N7	05193166AD
HCP	Hybrid Control Processor	CAN-C	05190265AE	2C4RC1N7	2C4RC1N7	05190265AE
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N7	2C4RC1N7	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N7	2C4RC1N7	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N7	2C4RC1N7	68316174AB
VRM	Video Routing Module	CAN-I	68376134AF	2C4RC1N7	2C4RC1N7	68376134AF
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1N7	2C4RC1N7	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N7	2C4RC1N7	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N7	2C4RC1N7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190266AE	2C4RC1N7	2C4RC1N7	05190266AE
EBBM	Electronic Brake Booster Module	CAN-C	68461813AA	2C4RC1N7	2C4RC1N7	68461813AA
ABSO	Anti Lock Brakes OBD	CAN-C	68461812AA	2C4RC1N7	2C4RC1N7	68461812AA
SGW	Security Gateway Module	CAN-C	68447193AB		2C4RC1N7	68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 02 06	4419	249CA006
ICS	USA	0F 0C 00	11 16 00	4700	
RFH	USA / USA	10 17 00	13 09 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	11 1F 00	12 2B 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	

HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 02 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	13 27 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	0E 30 00	10 2B 00	4301	
BCM	USA	0D 11 00	13 0C 90	4415	
ACC	USA / USA	13 29 00	11 0D 00	4201	
RADIO	USA	13 1D 2A	13 1D 2A	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	11 2B 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1D 07	13 05 03	4005	C6F23FD5 E84E843F 31B4913E
OBCM	USA	0F 0D 00	11 2B 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	11 16 00	11 15 00	4000	
VRM	USA / USA	0F 1C 00	13 0C 10	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 32 01	12 33 00	4003	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1D 07	13 05 03	4000	
EBBM	USA	0E 19 02	12 31 17	4000	AD6A1E22
ABSO	USA	0E 15 02	12 2E 1E	4201	73EEDB6B
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
ICS	B210D-16	Battery Voltage Low-Circuit Voltage Below Threshold	Stored
ICS	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
RFH	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored

RFH	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
ESM	P1C8B-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
ESM	P1C8C-16	System Voltage-Circuit Voltage Below Threshold	Stored
ESM	U1817-00	Lost Communication With Hybrid Powertrain Control Module on D-PT-	Stored
ESM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
ESM	U0594-00	Implausible Data Received From Hybrid Control Module "A"-	Stored
EPS	C2129-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
EPS	C212A-84	System Voltage-Signal Below Allowable Range	Stored
HVAC	B210D-84	Battery Voltage Low-Signal Below Allowable Range	Stored
HVAC	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
DDM	B210C-16	Battery Voltage Input-Circuit Voltage Below Threshold	Stored
DDM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
PDM	B210C-16	Battery Voltage Input-Circuit Voltage Below Threshold	Stored
PDM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
DMRL	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
DMRL	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
DMRL	B224F-54	Door Module Internal-Missing Calibration	Active
DMRR	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
DMRR	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
DMRR	B224F-54	Door Module Internal-Missing Calibration	Active
PSDML	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
PSDMR	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
PSDMR	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
MSM	B222D-00	ECU Unable To Configure/Configuration Not Learned-	Stored
MSM	B210A-84	System Voltage Low-Signal Below Allowable Range	Stored
MSM	B210D-21	Battery Voltage Low-Signal Amplitude < Minimum	Stored
PLGM	B1941-92	Power Liftgate Position Sensor 2-Performance or Incorrect Operation	Stored
PLGM	B1952-00	Power Liftgate Drive Motor - Incorrect Direction-	Stored
PLGM	B21DD-16	System Voltage-Circuit Voltage Below Threshold	Stored
PLGM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
CSWM	B11C1-13	Steering Wheel Heater Power Supply Circuit-Circuit Open	Stored
CSWM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
CSWM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
AMP	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
IPC	B1612-00	Panel Illumination Control-	Stored
IPC	B275B-00	Airbag Telltale-	Stored
IPC	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
IPC	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
IPC	U0401-00	Implausible Data Received From ECM/PCM "A"-	Stored
PTS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
PTS	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
PTS	U0121-00	Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-	Stored
PTS	U0594-00	Implausible Data Received From Hybrid Control Module "A"-	Stored
PTS	U0100-00	Lost Communication With ECM/PCM "A"-	Stored

PTS	B21DD-16	System Voltage-Circuit Voltage Below Threshold	Stored
PTS	B210C-16	Battery Voltage Input-Circuit Voltage Below Threshold	Stored
PTS	B222A-00	Vehicle Line Mismatch-	Stored
SCCM	C212A-16	System Voltage-Circuit Voltage Below Threshold	Stored
BCM	P2689-00	Fuel Supply Heater Control Circuit High-	Stored
BCM	B1208-11	Anti-theft Indicator-Circuit Short to Ground	Stored
BCM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
ACC	C2129-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
ACC	C2227-00	ABS Disabled ECU-	Stored
ACC	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
ACC	U148D-00	Implausible Data Received from Forward Facing Camera-	Stored
ACC	U0401-00	Implausible Data Received From ECM/PCM "A"-	Stored
RADIO	B210A-16	System Voltage Low-Circuit Voltage Below Threshold	Active
RADIO	B280B-00	NTSC Video Input-	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	U1015-00	Internal CAN "A" Communication Bus Off-	Stored
FFCM	C008E-00	ECU Internal Performance-	Stored
FFCM	U0401-00	Implausible Data Received From ECM/PCM "A"-	Stored
FFCM	U0002-00	CAN C Bus Off Performance-	Stored
FFCM	B210A-00	System Voltage Low-	Stored
FFCM	C211B-16	Ignition Run/Start Input-Circuit Voltage Below Threshold	Stored
EDM	B210A-00	System Voltage Low-	Stored
EDM	U0184-00	Lost Communication With Radio-	Stored
EDM	U11BB-00	Lost Communication with Video Routing Module-	Stored
EDM	B210D-00	Battery Voltage Low-	Stored
EDM	U0011-00	CAN Interior Bus Off Performance-	Stored
EDM	U0010-00	CAN Interior Bus-	Stored
BPCM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
BPCM	P0562-00	System Voltage Low-	Stored
BPCM	U064C-00	Lost Communication with Hybrid/EV Battery Pack Current Sensor "C"-	Stored
BPCM	U0594-00	Implausible Data Received From Hybrid Control Module "A"-	Stored
BPCM	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
BPCM	U0074-00	Dedicated Powertrain (D-PT) CAN Bus Off-	Stored
BPCM	P167B-00	Controlled System Shutdown-	Stored
BPCM	P1A0C-00	Battery Energy Control Module System Voltage Low-	Stored
HCP	P0562-00	System Voltage Low-	Stored
HCP	P062F-00	Internal Control Module EEPROM Error-	Stored
HCP	P079B-00	Transmission Friction Element 2 Slip Detected-	Active
HCP	P0A7D-00	Hybrid Battery Pack State of Charge Low-	Active

HCP	U0073-00	Hybrid/EV Bus Off-	Stored
HCP	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
HCP	U11F8-00		Pending
HCP	U1818-00	Lost Communication With ECM/PCM on D-PT CAN-	Stored
HCP	U1852-00	Implausible Data Received from ABS on D-PT-	Stored
OBCM	U0074-00	Dedicated Powertrain (D-PT) CAN Bus Off-	Stored
MSMP	B222D-00	ECU Unable To Configure/Configuration Not Learned-	Stored
MSMP	U0011-00	CAN Interior Bus Off Performance-	Stored
MSMP	B210A-84	System Voltage Low-Signal Below Allowable Range	Stored
MSMP	B210D-21	Battery Voltage Low-Signal Amplitude < Minimum	Stored
DSM	B156D-00	Low Voltage Differential Signal (LVDS) Video Cable-	Stored
VRM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
VRM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
RCCC	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
RCCC	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
CVPM	U0485-00	Implausible Data Received From Radio-	Stored
CVPM	U0422-00	Implausible Data Received From Body Control Module-	Stored
CVPM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
CVPM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
EBBM	P0562-00	System Voltage Low-	Active
ABSO	C0021-00	Brake Booster-	Active
ABSO	C2222-00	Improper Powerdown-	Active
SGW	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored

ENVIRONMENTAL DATA SUMMARY

ICS | B210D-16 | Stored | Battery Voltage Low-Circuit Voltage Below Threshold

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

ICS | 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 Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Original Odometer Value	815	miles
Ignition Cycle Counter	4	
Frequency Counter	1	
Most Recent Odometer Value	815	miles

RFH | 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	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Frequency Counter	4	
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	4	
Original Odometer Value	815	miles

RFH | 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	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	

Occurrence flag	Error	
Original Odometer Value	815	miles
Frequency Counter	2	
Ignition Cycle Counter	15	
Most Recent Odometer Value	815	miles

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

NAME	VALUE	UNITS
DTC	1C 8B 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	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Ignition Status	Ignition Lock	
Original Odometer Value	815	miles
Most Recent Odometer Value	Odometer value not available / Default	miles
Frequency Counter	99	
Operating Voltage	10.0	Volts
Ignition Cycle Counter	3	
Operation Time	2879	Min

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

NAME	VALUE	UNITS
DTC	1C 8C 16	
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	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Ignition Status	Ignition Lock	
Most Recent Odometer Value	Odometer value not available / Default	miles
Original Odometer Value	815	miles
Ignition Cycle Counter	3	
Frequency Counter	45	
Operating Voltage	10.0	Volts

Operation Time

2879

Min

ESM | U1817-00 | Stored | Lost Communication With Hybrid Powertrain Control Module on D-PT-

NAME	VALUE	UNITS
DTC	D8 17 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Ignition Status	Ignition Run	
Original Odometer Value	815	miles
Frequency Counter	1	
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	6	
Operating Voltage	5.5	Volts
Operation Time	2948	Min

ESM | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C2 93 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Ignition Status	Ignition Run	
Most Recent Odometer Value	815	miles
Original Odometer Value	815	miles
Ignition Cycle Counter	6	
Frequency Counter	1	
Operating Voltage	5.5	Volts
Operation Time	2948	Min

ESM | U0594-00 | Stored | Implausible Data Received From Hybrid Control Module "A"-

NAME	VALUE	UNITS
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DTC	C5 94 00	
Test Failed	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Ignition Status	Ignition Lock	
Test Failed Since Last Clear	True	
Sub-Faults	00	
Original Odometer Value	Odometer value not available / Default	miles
Operation Time	2914	Min
Operating Voltage	5.5	Volts
Most Recent Odometer Value	815	miles
Frequency Counter	3	
Ignition Cycle Counter	12	

EPS | C2129-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	61 29 16	
Pending DTC	False	
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Occurrence flag	Error	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Supplier Internal Fault Code	00 B0 01	
Original Odometer Value	815	miles
Frequency Counter	11	
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	5	
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	12.57	Deg
EPS System Current Draw	1	A
EPS Steering Wheel Velocity	-0.04	deg/s
EPS Internal Filtered Vehicle Speed	0.000	MPH
EPS Measured Module Voltage	7.42	V
EPS Steering Wheel Torque	0.3169	Ft-Lbs
CAN Battery Voltage	7.4	Volts
EPS Measured Module Temperature	92.5	°F

EPS | C212A-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	61 2A 84	
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	
Warning Indicator Requested	False	
Occurrence flag	Error	
Supplier Internal Fault Code	01 4E 01	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	6	
Ignition Cycle Counter	5	
EPS Internal Filtered Vehicle Speed	0.000	MPH
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	12.57	Deg
EPS System Current Draw	1	A
EPS Steering Wheel Velocity	-0.00	deg/s
EPS Steering Wheel Torque	0.3111	Ft-Lbs
EPS Measured Module Voltage	7.76	V
EPS Measured Module Temperature	92.5	°F
CAN Battery Voltage	7.8	Volts

HVAC | B210D-84 | Stored | Battery Voltage Low-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	
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	
Occurrence flag	Error	
Original Odometer Value	815	miles
Frequency Counter	2	
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	15	

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

NAME	VALUE	UNITS
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Confirmed DTC	True	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Test Failed	False	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
Original Odometer Value	815	miles
Ignition Cycle Counter	15	
Frequency Counter	2	
Most Recent Odometer Value	815	miles

DDM | B210C-16 | Stored | Battery Voltage Input-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 Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	FF	
Occurrence flag	Error	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	1	
Operation Cycle Counter	16	

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

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	
Occurrence flag	Error	
DTC Extended Data Record Number - All	FF	
Test Not Completed This Operation Cycle	False	
Most Recent Odometer Value	815	miles

Frequency Counter	2	
Original Odometer Value	815	miles
Operation Cycle Counter	16	

PDM | 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	
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	FF	
Frequency Counter	1	
Operation Cycle Counter	16	
Most Recent Odometer Value	815	miles
Original Odometer Value	815	miles

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

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	
Warning Indicator Requested	False	
Occurrence flag	Error	
DTC Extended Data Record Number - All	FF	
Frequency Counter	2	
Operation Cycle Counter	16	
Most Recent Odometer Value	815	miles
Original Odometer Value	815	miles

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 Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Original Odometer Value	815	miles
Ignition Cycle Counter	11	
Frequency Counter	2	
Most Recent Odometer Value	815	miles

DMRL | 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	Occurrence	
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	11	
Original Odometer Value	815	miles
Frequency Counter	2	

DMRL | B224F-54 | Active | Door Module Internal-Missing Calibration

NAME	VALUE	UNITS
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Error	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	0	
Frequency Counter	1	

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

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	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	815	miles
Frequency Counter	2	
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	11	

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
DTC Extended Data Record Number - All	01	
Frequency Counter	2	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	11	

DMRR | B224F-54 | Active | Door Module Internal-Missing Calibration

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

Occurrence flag	Error	
DTC Extended Data Record Number - All	01	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	0	
Frequency Counter	1	

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

NAME	VALUE	UNITS
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Test Failed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Occurrence flag	Occurrence	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	2	
Frequency Counter	13	

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

NAME	VALUE	UNITS
Test Failed	False	
Confirmed DTC	True	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Test Failed This Operation Cycle	False	
Occurrence flag	Occurrence	
Original Odometer Value	815	miles
Ignition Cycle Counter	2	
Most Recent Odometer Value	815	miles
Frequency Counter	22	

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	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Occurrence flag	Occurrence	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Most Recent Odometer Value	815	miles
Original Odometer Value	815	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	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	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
DTC Extended Data Record Number	14	
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	
Vertical Rear motor sensor - Short to battery or open	False	
Recliner motor sensor - Short to ground	False	
Horizontal motor sensor - Short to ground	False	
Recliner motor sensor - Short to battery or open	False	
Movement Direction - Recliner Motor	Motor not moving	
Movement Direction - Vertical Front Motor	Motor not moving	
Movement Direction - Horizontal Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	
ECU configuration - Vehicle Line	RU	
ECU configuration - Adjustable Pedals	False	

ECU configuration - Telescope/Tilt	False	
ECU configuration - Stow n Assist	True	
ECU configuration - Memory Seat	True	
Original Odometer Value	825	miles
Most Recent Odometer Value	825	miles
Frequency Counter	4	
Ignition Cycle Counter	4	
Front Hard Stop - Current	33002	Counts
Rear Hard Stop - Current	32216	Counts
Default Seat travel length	780	Counts
Learned Seat Travel - Current	786	Counts
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
Front Hard Stop - Post-destandardization	33002	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
Rear Hard Stop - Post-destandardization	32216	Counts
Learned Seat Travel - Post-destandardization	786	Counts
ECU Voltage	2.078	Volts
Number of ECU hard resets since latest calibration	89	Counts
Position Recliner	32121	Counts
Position Vertical Rear	32623	Counts
Position Vertical Front	32792	Counts
Position Horizontal Adjustment	32425	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	
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	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
DTC Extended Data Record Number - All	01	
DTC Extended Data Record Number	0F	
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	

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	
Horizontal motor sensor - Short to ground	False	
Movement Direction - Horizontal Motor	Motor not moving	
Movement Direction - Vertical Front Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	
Movement Direction - Recliner Motor	Motor not moving	
ECU configuration - Telescope/Tilt	False	
ECU configuration - Vehicle Line	RU	
ECU configuration - Adjustable Pedals	False	
ECU configuration - Memory Seat	True	
ECU configuration - Stow n Assist	True	
Original Odometer Value	825	miles
Ignition Cycle Counter	15	
Most Recent Odometer Value	825	miles
Frequency Counter	2	
Front Hard Stop - Current	33002	Counts
Rear Hard Stop - Current	32216	Counts
Default Seat travel length	780	Counts
Learned Seat Travel - Current	786	Counts
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
Front Hard Stop - Post-destandardization	33002	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
Learned Seat Travel - Post-destandardization	786	Counts
ECU Voltage	1.572	Volts
Rear Hard Stop - Post-destandardization	32216	Counts
Number of ECU hard resets since latest calibration	87	Counts
Position Horizontal Adjustment	32425	Counts
Position Vertical Rear	32623	Counts
Position Recliner	32121	Counts
Position Vertical Front	32792	Counts

MSM | B210D-21 | Stored | Battery Voltage Low-Signal Amplitude < Minimum

NAME	VALUE	UNITS
DTC	A1 0D 21	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Failed	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	

DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
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	
Vertical Rear motor sensor - Short to battery or open	False	
Horizontal motor sensor - Short to battery or open	False	
Recliner motor sensor - Short to ground	False	
Recliner motor sensor - Short to battery or open	False	
Horizontal motor sensor - Short to ground	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 - Vehicle Line	RU	
ECU configuration - Telescope/Tilt	False	
ECU configuration - Adjustable Pedals	False	
ECU configuration - Memory Seat	True	
ECU configuration - Stow n Assist	True	
Original Odometer Value	825	miles
Most Recent Odometer Value	825	miles
Ignition Cycle Counter	15	
Frequency Counter	1	
Rear Hard Stop - Current	32216	Counts
Front Hard Stop - Current	33002	Counts
Learned Seat Travel - Current	786	Counts
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Default Seat travel length	780	Counts
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
Rear Hard Stop - Post-destandardization	32216	Counts
Front Hard Stop - Post-destandardization	33002	Counts
Number of ECU hard resets since latest calibration	87	Counts
ECU Voltage	1.572	Volts
Learned Seat Travel - Post-destandardization	786	Counts
Position Vertical Rear	32623	Counts
Position Recliner	32121	Counts
Position Horizontal Adjustment	32425	Counts
Position Vertical Front	32792	Counts

PLGM | B1941-92 | Stored | Power Liftgate Position Sensor 2-Performance or Incorrect Operation

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 Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
Original Odometer Value	815	miles
Frequency Counter	1	
Most Recent Odometer Value	815	miles
Operation Cycle Counter	0	

PLGM | B1952-00 | Stored | Power Liftgate Drive Motor - Incorrect Direction-

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	
Occurrence flag	Error	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Operation Cycle Counter	0	
Frequency Counter	1	

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

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	
Occurrence flag	Occurrence	
Most Recent Odometer Value	815	miles

Frequency Counter	24	
Original Odometer Value	815	miles
Operation Cycle Counter	0	

PLGM | 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	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Error	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	66	
Operation Cycle Counter	0	

CSWM | B11C1-13 | Stored | Steering Wheel Heater Power Supply Circuit-Circuit Open

NAME	VALUE	UNITS
DTC Extended Data Record Number - All	00	
DTC	91 C1 13	
Confirmed DTC	True	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	Error	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Failed	False	
Frequency Counter	7	
Operation Cycle Counter	5	
Most Recent Odometer Value	815	miles
Original Odometer Value	815	miles

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

NAME	VALUE	UNITS
DTC	A1 99 16	
DTC Extended Data Record Number - All	00	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	True	

Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Failed	False	
Test Failed This Operation Cycle	False	
Most Recent Odometer Value	815	miles
Operation Cycle Counter	21	
Frequency Counter	1	
Original Odometer Value	815	miles

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

NAME	VALUE	UNITS
DTC	A1 DD 84	
Confirmed DTC	True	
DTC Extended Data Record Number - All	00	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Failed	False	
Test Failed This Operation Cycle	False	
Operation Cycle Counter	21	
Most Recent Odometer Value	815	miles
Frequency Counter	1	
Original Odometer Value	815	miles

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

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

Ignition Cycle Counter	4	
Frequency Counter	7	

IPC | B1612-00 | Stored | Panel Illumination Control-

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	FF	
Occurrence flag	Occurrence	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	0	
Frequency Counter	5	

IPC | B275B-00 | Stored | Airbag Telltale-

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 This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	FF	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	0	
Frequency Counter	1	

IPC | 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	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Occurrence flag	Occurrence	
Most Recent Odometer Value	815	miles
Original Odometer Value	815	miles
Ignition Cycle Counter	0	
Frequency Counter	2	

IPC | 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 This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Occurrence flag	Occurrence	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	4	
Ignition Cycle Counter	0	

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	FF	
Occurrence flag	Occurrence	
Original Odometer Value	815	miles
Frequency Counter	2	
Ignition Cycle Counter	2	
Most Recent Odometer Value	815	miles

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	True	
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	
DTC Extended Data Record Number - All	03	
Occurrence flag	Occurrence	
Original Odometer Value	0	miles
DC/DC Converter Voltage	01	Volt
Most Recent Odometer Value	815	miles
Frequency Counter	34	

PTS | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C2 93 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	03	
Occurrence flag	Error	
Original Odometer Value	815	miles
Frequency Counter	2	
Most Recent Odometer Value	815	miles
DC/DC Converter Voltage	01	Volt

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

NAME	VALUE	UNITS
DTC	C1 21 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
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	03	
Occurrence flag	Occurrence	
Original Odometer Value	815	miles
Frequency Counter	2	
Most Recent Odometer Value	815	miles
DC/DC Converter Voltage	01	Volt

PTS | U0594-00 | Stored | Implausible Data Received From Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C5 94 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	03	
Occurrence flag	Error	
Original Odometer Value	815	miles
Frequency Counter	1	
Most Recent Odometer Value	815	miles
DC/DC Converter Voltage	01	Volt

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

NAME	VALUE	UNITS
DTC	C1 00 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	Occurrence	
Most Recent Odometer Value	815	miles
Original Odometer Value	0	miles
DC/DC Converter Voltage	01	Volt

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

NAME	VALUE	UNITS
DTC	A1 DD 16	
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	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	Error	
Original Odometer Value	Odometer value not available / Default	miles
Most Recent Odometer Value	0	miles
Frequency Counter	2	
DC/DC Converter Voltage	01	Volt

PTS | B210C-16 | Stored | Battery Voltage Input-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 0C 16	
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	03	
Occurrence flag	Error	
Original Odometer Value	Odometer value not available / Default	miles
Frequency Counter	2	
Most Recent Odometer Value	0	miles
DC/DC Converter Voltage	01	Volt

PTS | B222A-00 | Stored | Vehicle Line Mismatch-

NAME	VALUE	UNITS
DTC	A2 2A 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	03	
Occurrence flag	Occurrence	
Original Odometer Value	Odometer value not available / Default	miles
Most Recent Odometer Value	0	miles
DC/DC Converter Voltage	01	Volt
Frequency Counter	1	

SCCM | C212A-16 | Stored | System Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	61 2A 16	
Confirmed DTC	True	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Warning Indicator Requested	False	
Sub-Faults Saved	00 00	
Ignition Status	Ignition Run	
DTC Extended Data Record Number - 2	02	
Sub-Faults Active	00 01	
Most Recent Odometer Value	815	miles
Operating Voltage	8.8	Volts
Frequency Counter	4	
Original Odometer Value	815	miles
Ignition Cycle Counter	23	

BCM | P2689-00 | Stored | Fuel Supply Heater Control Circuit High-

NAME	VALUE	UNITS
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	True	

Occurrence flag	Error	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Most Recent Odometer Value	815	miles
Frequency Counter	12	
Ignition Cycle Counter	2	
Original Odometer Value	815	miles

BCM | B1208-11 | Stored | Anti-theft Indicator-Circuit Short to Ground

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 Since Last Clear	False	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Error	
DTC Extended Data Record Number - All	01	
Most Recent Odometer Value	815	miles
Frequency Counter	1	
Original Odometer Value	815	miles
Ignition Cycle Counter	17	

BCM | 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 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	Error	
Original Odometer Value	815	miles
Ignition Cycle Counter	6	
Most Recent Odometer Value	815	miles
Frequency Counter	5	

ACC | C2129-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
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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	
Test Not Completed This Operation Cycle	False	
Pending DTC	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
PRNDL Status	D range	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	13	
Vehicle Speed	0	MPH
Operation Cycle Counter	6	
Engine RPM	0	rpm
Object of Interest Distance	830	FEET
ACC Set Speed	0	MPH
Engine Torque Request	SNA	Ft-Lbs
System Voltage	9.6	Volts
Ignition Voltage	9.4	

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

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Pending DTC	True	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Confirmed DTC	True	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Error	
PRNDL Status	P range	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	7	
Engine RPM	0	rpm
Operation Cycle Counter	2	
ACC Set Speed	0	MPH
Vehicle Speed	0	MPH
Engine Torque Request	SNA	Ft-Lbs
Object of Interest Distance	830	FEET
Ignition Voltage	12.0	

System Voltage

12.1

Volts

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	Error	
Warning Indicator Requested	False	
PRNDL Status	P range	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	3	
Operation Cycle Counter	38	
Vehicle Speed	0	MPH
Object of Interest Distance	830	FEET
Engine RPM	0	rpm
Engine Torque Request	SNA	Ft-Lbs
ACC Set Speed	0	MPH
System Voltage	14.6	Volts
Ignition Voltage	14.5	

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
Test Not Completed This Operation Cycle	False	
PRNDL Status	P range	
Most Recent Odometer Value	815	miles
Frequency Counter	255	
Original Odometer Value	815	miles
Operation Cycle Counter	9	
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	11.8	
System Voltage	11.9	Volts

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Error	
Warning Indicator Requested	False	
PRNDL Status	P range	
Original Odometer Value	815	miles
Frequency Counter	19	
Most Recent Odometer Value	815	miles
Operation Cycle Counter	9	
Vehicle Speed	0	MPH
ACC Set Speed	0	MPH
Engine RPM	0	rpm
Engine Torque Request	SNA	Ft-Lbs
Object of Interest Distance	830	FEET
System Voltage	12.0	Volts
Ignition Voltage	11.8	

RADIO | B210A-16 | Active | System Voltage Low-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTCTable	A1 0A 16	
TestFailed	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
TestFailedThisMonitoringCycle	True	
DTCExtendedDataRecordNumber	FF	
Warning Indicator Requested	False	
Occurance Flag	Occurrence	
Reserved	Reserved	
RDI \$6080	60 80	
Event Counter	64	

Frequency Counter	1	
Most Recent Odometer Value	815	miles
Original Odometer Value	815	miles
Ignition Counter	0	

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

NAME	VALUE	UNITS
DTCTable	A8 0B 00	
TestFailedThisMonitoringCycle	False	
TestFailed	False	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
Pending DTC	False	
Reserved	Reserved	
DTCExtendedDataRecordNumber	FF	
Occurance Flag	Occurrence	
RDI \$6080	60 80	
Event Counter	5C	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	1	
Ignition Counter	8	

HVACR | 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 Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	True	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Occurrence flag	Error	
Most Recent Odometer Value	815	miles
Original Odometer Value	815	miles
Frequency Counter	2	
Ignition Cycle Counter	15	

HVACR | 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 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	
Occurrence flag	Error	
Warning Indicator Requested	False	
Most Recent Odometer Value	815	miles
Original Odometer Value	815	miles
Ignition Cycle Counter	15	
Frequency Counter	2	

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

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Failed	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Frequency Counter	2	
Most Recent Odometer Value	815	miles
Original Odometer Value	815	miles
Operation Cycle Counter	17	

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 Failed Since Last Clear	True	
Pending DTC	False	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Warning Indicator Requested	False	
Frequency Counter	2	

Most Recent Odometer Value	815	miles
Operation Cycle Counter	18	
Original Odometer Value	815	miles

RBSS | 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 Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	01	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Operation Cycle Counter	17	
Frequency Counter	2	

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

NAME	VALUE	UNITS
Pending DTC	False	
Test Failed This Operation Cycle	False	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	2	
Operation Cycle Counter	18	

FFCM | U1015-00 | Stored | Internal CAN "A" Communication Bus Off-

NAME	VALUE	UNITS
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FFCM | C008E-00 | Stored | ECU Internal Performance-

NAME	VALUE	UNITS
DTC	40 8E 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	01	
Occurrence flag	Error	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	7	
Ignition Cycle Counter	2	

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

NAME	VALUE	UNITS
DTC	C4 01 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number	01	
Occurrence flag	Error	
Original Odometer Value	815	miles
Ignition Cycle Counter	4	
Most Recent Odometer Value	815	miles
Frequency Counter	1	

FFCM | U0002-00 | Stored | CAN C Bus Off Performance-

NAME	VALUE	UNITS
DTC	C0 02 00	
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	01	
Occurrence flag	Error	

Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	3	
Ignition Cycle Counter	7	

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

NAME	VALUE	UNITS
DTC	A1 0A 00	
Test Failed This Operation Cycle	False	
Test Failed	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number	01	
Occurrence flag	Error	
Original Odometer Value	815	miles
Frequency Counter	5	
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	10	

FFCM | C211B-16 | Stored | Ignition Run/Start Input-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	61 1B 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
DTC Extended Data Record Number	01	
Most Recent Odometer Value	Odometer value not available / Default	miles
Original Odometer Value	Odometer value not available / Default	miles
Ignition Cycle Counter	10	
Frequency Counter	1	

EDM | 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	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	Odometer value not available / Default	miles
Most Recent Odometer Value	Odometer value not available / Default	miles
Frequency Counter	37	
Ignition Cycle Counter	2	

EDM | U0184-00 | Stored | Lost Communication With Radio-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	Odometer value not available / Default	miles
Most Recent Odometer Value	Odometer value not available / Default	miles
Frequency Counter	25	
Ignition Cycle Counter	2	

EDM | U11BB-00 | Stored | Lost Communication with Video Routing Module-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	Odometer value not available / Default	miles

Most Recent Odometer Value	815	miles
Ignition Cycle Counter	2	
Frequency Counter	4	

EDM | B210D-00 | Stored | Battery Voltage Low-

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	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	3	
Ignition Cycle Counter	2	

EDM | U0011-00 | Stored | CAN Interior Bus Off Performance-

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	
Occurrence flag	Occurrence	
DTC Extended Data Record Number - All	01	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	1	
Ignition Cycle Counter	8	

EDM | U0010-00 | Stored | CAN Interior Bus-

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	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Most Recent Odometer Value	815	miles
Original Odometer Value	815	miles
Frequency Counter	2	
Ignition Cycle Counter	8	

BPCM | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Sourced	
HCP Contactor Command	Impact Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Invalid	
Contactor Status	Open	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status -Vehicle	Not Sourced	
HVIL Status - Battery pack	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault Path	01	
Fault trigger level 3	False	
Key - DriveRdy (CAN)	True	
Battery Cell Highest Cell number	81	
Battery Cell Lowest Cell number	19	
Battery Temperature Highest Sensor number	12	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
Pump - Battery Coolant Level Low	False	

Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not Active	
BPCM Sec Asic Fault Input	Not Active	
BPCM Sec CC Path Test Active	Not Active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not Active	
BPCM Sec Contactor State	Open	
BPCM Main HW Timer Status	Not Active	
BPCM Sec Asic Fault State	NOTASSERTED	
Real Time Clock Validity	True	
DTC	C2 93 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
DTC Extended Data Record Number - 2	A8	
Frequency Counter	18	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails)	1	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Total Time Awake	21392856	seconds
Vehicle mileage at time of fault (ODO signal in \$3D2)	0.00	miles
Battery Lifetime Miles	6119F0	miles
Vehicle Speed	FE	MPH
System (12) Volts at time of fault	11.476	Volts
Battery Lifetime AmpHrs of Charge	566.8	AHr
Battery Lifetime AmpHrs of DisCharge	573.5	AHr
SOC at time of Fault	14.5	%
Power Up SOC at time of Fault	14.5	%
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM peak voltage Sourced - Vehicle	0.290	Volts
HVIL PWM peak voltage Sensed - Vehicle	0.268	Volts

HVIL Source Voltage- Battery	1.377	Volts
HVIL Returned current - Battery	30.40	mA
HV Battery Current Sensor 1 Hall High	-1.70	Amps
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Battery Current HVBatCmt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	111	°F
BPCM temperature max	64	°F
BPCM temperature min	64	°F
Isolation Circuitry Va	2.498	Volts
Isolation Circuitry Vb	2.500	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.498	Volts
WC and Circuitry Vcc Voltage	5.004	Volts
WC and CircuitryISO 8V Reference Voltage	7.966	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	1.2	Volts
Cycles left to self heal	40	No Unit
HV Battery Charge Power 2sec	3000	watts
HV Battery Charge Power 10sec	3000	watts
HV Battery Discharge Power 2sec	3000	watts
HV Battery Discharge Power 10sec	3000	watts
HV Battery Power	007530	watts
Battery Lifetime Number Of Closes	415	
Battery Full AmpHr Capacity	50	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	3484	mV
Battery Cell Voltage Minimum	3464	mV
Battery Cell Voltage Average	3473	mV
HV Battery Voltage (cell sum)	333.40	Volts
HV Battery Voltage (Module Sum)	333.00	Volts
HV Sensor A Pack Voltage	333.50	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.20	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.70	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.70	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	1.2	Volts
Battery Temperature Maximum Module	64	°F
Battery Temperature Minimum Module	64	°F
Battery Temperature Average Module	64	°F
HV Cooling Battery coolant inlet temp	70	°F
HV Cooling Battery coolant outlet temp	70	°F
HV Cooling OBCM temp inlet Temp	70	°F
Isolation Vehicle Impedance	8.4100	Mega Ohms

Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	5.5	%
HV Bat SOH-C	95.7	%
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	7.5	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	0	
Original Odometer Value	0	miles
Most Recent Odometer Value	815	miles

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

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
EPT -WakeUp	Sourced	
Key Position	Ign_ Run	
HCP Contactor Command	Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Open	
Contactor Status	Open	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	True	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status -Vehicle	PASS	
HVIL Status - Battery pack	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
Key - DriveRdy (CAN)	True	
Battery Cell Highest Cell number	81	
Battery Cell Lowest Cell number	19	
Battery Temperature Highest Sensor number	12	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	

HV Cooling Pump Relay Drive	Not Sourced	
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not Active	
BPCM Sec Asic Fault Input	Not Active	
BPCM Sec CC Path Test Active	Not Active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not Active	
BPCM Sec Contactor State	Open	
BPCM Main HW Timer Status	Not Active	
BPCM Sec Asic Fault State	NOTASSERTED	
Real Time Clock Validity	True	
DTC	05 62 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
DTC Extended Data Record Number - 2	00	
Frequency Counter	6	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails)	2	events
FoM - for this DTC (lifetime fails counts on pass)	0.3000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.300	seconds
Battery Total Time Awake	21392732	seconds
Vehicle mileage at time of fault (ODO signal in \$3D2)	823.47	miles
Battery Lifetime Miles	612EA6	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	5.773	Volts
Battery Lifetime AmpHrs of Charge	566.8	AHr
Battery Lifetime AmpHrs of DisCharge	573.5	AHr
SOC at time of Fault	14.5	%
Power Up SOC at time of Fault	14.5	%
HVIL PWM Duty Cycle - Vehicle	49.4	%
HVIL PWM Frequency - Vehicle	87.9	Hz

HVIL PWM peak voltage Sourced - Vehicle	4.566	Volts
HVIL PWM peak voltage Sensed - Vehicle	4.501	Volts
HVIL Source Voltage- Battery	1.377	Volts
HVIL Returned current - Battery	30.40	mA
HV Battery Current Sensor 1 Hall High	-0.85	Amps
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Battery Current HVBatCmt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	111	°F
BPCM temperature max	64	°F
BPCM temperature min	63	°F
Isolation Circuitry Va	2.498	Volts
Isolation Circuitry Vb	2.498	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.498	Volts
WC and Circuitry Vcc Voltage	4.936	Volts
WC and CircuitryISO 8V Reference Voltage	7.966	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-1.8	Volts
Cycles left to self heal	40	No Unit
HV Battery Charge Power 2sec	87117	watts
HV Battery Discharge Power 2sec	0	watts
HV Battery Charge Power 10sec	85275	watts
HV Battery Discharge Power 10sec	0	watts
HV Battery Power	007530	watts
Battery Lifetime Number Of Closes	415	
Battery Full AmpHr Capacity	50	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	3483	mV
Battery Cell Voltage Minimum	3464	mV
Battery Cell Voltage Average	3473	mV
HV Battery Voltage (cell sum)	333.40	Volts
HV Battery Voltage (Module Sum)	332.90	Volts
HV Sensor A Pack Voltage	333.50	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.30	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.70	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-1.8	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.70	Volts
Battery Temperature Maximum Module	64	°F
Battery Temperature Minimum Module	63	°F
Battery Temperature Average Module	64	°F
HV Cooling Battery coolant inlet temp	70	°F
HV Cooling Battery coolant outlet temp	70	°F

HV Cooling OBCM temp inlet Temp	70	°F
Isolation Battery Impedance	0.8480	Mega Ohms
Isolation Vehicle Impedance	8.4100	Mega Ohms
HV Bat SOH-R	5.5	%
HV Bat SOH-C	95.7	%
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
Engine Speed	0	rpm
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Accelerator position	7.5	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	0	
Most Recent Odometer Value	815	miles
Original Odometer Value	815	miles

BPCM | U064C-00 | Stored | Lost Communication with Hybrid/EV Battery Pack Current Sensor "C"-

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
Key Position	Ign_Run	
EPT-WakeUp	Sourced	
Qualified Contactor Command - QCC	Open	
HCP Contactor Command	Open	
Verified Contactor Command - VCC	Open	
Contactor Status	Open	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	True	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status -Vehicle	PASS	
HVIL Status - Battery pack	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
Key - DriveRdy (CAN)	True	
Battery Cell Highest Cell number	81	
Battery Cell Lowest Cell number	19	
Battery Temperature Highest Sensor number	12	

Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not Active	
BPCM Sec Asic Fault Input	Not Active	
BPCM Sec CC Path Test Active	Not Active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not Active	
BPCM Main HW Timer Status	Not Active	
BPCM Sec Asic Fault State	NOTASSERTED	
BPCM Sec Contactor State	Open	
Real Time Clock Validity	True	
Test Failed	False	
DTC	C6 4C 00	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
DTC Extended Data Record Number - 2	AC	
Frequency Counter	3	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails)	1	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Total Time Awake	21392924	seconds
Battery Lifetime Miles	6119F0	miles
Vehicle mileage at time of fault (ODO signal in \$3D2)	823.47	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	10.858	Volts
Battery Lifetime AmpHrs of Charge	566.8	AHr
Battery Lifetime AmpHrs of DisCharge	573.5	AHr
SOC at time of Fault	14.5	%
Power Up SOC at time of Fault	14.5	%

HVIL PWM Duty Cycle - Vehicle	50.2	%
HVIL PWM Frequency - Vehicle	87.9	Hz
HVIL PWM peak voltage Sourced - Vehicle	7.033	Volts
HVIL PWM peak voltage Sensed - Vehicle	7.114	Volts
HVIL Source Voltage- Battery	1.385	Volts
HVIL Returned current - Battery	30.40	mA
HV Battery Current Sensor 1 Hall High	-1.45	Amps
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Battery Current HVBatCmt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	111	°F
BPCM temperature max	64	°F
BPCM temperature min	64	°F
Isolation Circuitry Va	2.498	Volts
Isolation Circuitry Vb	2.500	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.498	Volts
WC and Circuitry Vcc Voltage	4.956	Volts
WC and CircuitryISO 8V Reference Voltage	7.966	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-1.2	Volts
Cycles left to self heal	40	No Unit
HV Battery Charge Power 2sec	87126	watts
HV Battery Charge Power 10sec	85284	watts
HV Battery Discharge Power 2sec	0	watts
HV Battery Power	007530	watts
HV Battery Discharge Power 10sec	0	watts
Battery Lifetime Number Of Closes	416	
Battery Full AmpHr Capacity	50	AmpHrs
Cell Impedance Mim Discharge	0	mOhms
Cell Impedance Max Discharge	0	mOhms
Battery Cell Voltage Maximum	3484	mV
Battery Cell Voltage Minimum	3464	mV
Battery Cell Voltage Average	3473	mV
HV Battery Voltage (cell sum)	333.40	Volts
HV Battery Voltage (Module Sum)	333.00	Volts
HV Sensor A Pack Voltage	333.50	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.30	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.70	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.70	Volts
Battery Temperature Maximum Module	64	°F
HV Sensor G Weld Contactor(Pack Negative) Voltage	-1.2	Volts
Battery Temperature Minimum Module	64	°F
Battery Temperature Average Module	64	°F

HV Cooling Battery coolant outlet temp	70	°F
HV Cooling OBCM temp inlet Temp	70	°F
HV Cooling Battery coolant inlet temp	70	°F
Isolation Battery Impedance	0.8480	Mega Ohms
Isolation Vehicle Impedance	8.4100	Mega Ohms
HV Bat SOH-R	5.5	%
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
HV Bat SOH-C	95.7	%
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	7.5	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	0	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles

BPCM | U0594-00 | Stored | Implausible Data Received From Hybrid Control Module "A"-

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Sourced	
HCP Contactor Command	Impact Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Invalid	
Contactor Status	Open	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status -Vehicle	Not Sourced	
HVIL Status - Battery pack	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
Key - DriveRdy (CAN)	True	
Battery Cell Highest Cell number	81	

Battery Cell Lowest Cell number	19	
Battery Temperature Highest Sensor number	12	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not Active	
BPCM Sec Asic Fault Input	Not Active	
BPCM Sec CC Path Test Active	Not Active	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not Active	
BPCM Sec Contactor State	Open	
BPCM Main HW Timer Status	Not Active	
BPCM Sec Asic Fault State	NOTASSERTED	
Real Time Clock Validity	True	
DTC	C5 94 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
DTC Extended Data Record Number - 2	AB	
Frequency Counter	3	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails)	2	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Total Time Awake	21392856	seconds
Vehicle mileage at time of fault (ODO signal in \$3D2)	0.00	miles
Battery Lifetime Miles	6119F0	miles
Vehicle Speed	FE	MPH
System (12) Volts at time of fault	11.476	Volts
Battery Lifetime AmpHrs of Charge	566.8	AHr
Battery Lifetime AmpHrs of DisCharge	573.5	AHr

SOC at time of Fault	14.5	%
Power Up SOC at time of Fault	14.5	%
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM peak voltage Sourced - Vehicle	0.290	Volts
HVIL Source Voltage- Battery	1.377	Volts
HVIL PWM peak voltage Sensed - Vehicle	0.268	Volts
HV Battery Current Sensor 1 Hall High	-1.05	Amps
HVIL Returned current - Battery	30.40	mA
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Battery Current HVBatCmt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	111	°F
BPCM temperature min	64	°F
BPCM temperature max	64	°F
Isolation Circuitry Va	2.498	Volts
Isolation Circuitry Vb	2.500	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.498	Volts
WC and Circuitry Vcc Voltage	5.004	Volts
WC and CircuitryISO 8V Reference Voltage	7.966	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	1.2	Volts
Cycles left to self heal	40	No Unit
HV Battery Charge Power 2sec	3000	watts
HV Battery Charge Power 10sec	3000	watts
HV Battery Discharge Power 2sec	3000	watts
HV Battery Discharge Power 10sec	3000	watts
HV Battery Power	007530	watts
Battery Full AmpHr Capacity	50	AmpHrs
Battery Lifetime Number Of Closes	415	
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	3484	mV
Battery Cell Voltage Minimum	3464	mV
Battery Cell Voltage Average	3473	mV
HV Battery Voltage (cell sum)	333.40	Volts
HV Battery Voltage (Module Sum)	333.00	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.20	Volts
HV Sensor A Pack Voltage	333.50	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.70	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.70	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	1.2	Volts
Battery Temperature Maximum Module	64	°F

Battery Temperature Minimum Module	64	°F
HV Cooling Battery coolant inlet temp	70	°F
Battery Temperature Average Module	64	°F
HV Cooling OBCM temp inlet Temp	70	°F
HV Cooling Battery coolant outlet temp	70	°F
Isolation Vehicle Impedance	8.4100	Mega Ohms
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	5.5	%
HV Bat SOH-C	95.7	%
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	7.5	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	0	
Original Odometer Value	0	miles
Most Recent Odometer Value	0	miles

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

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
Key Position	Ign_ Run	
EPT -WakeUp	Sourced	
HCP Contactor Command	Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Open	
Contactor Status	Open	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	True	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status -Vehicle	PASS	
HVIL Status - Battery pack	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	

Key - DriveRdy (CAN)	True	
Battery Cell Highest Cell number	81	
Battery Cell Lowest Cell number	19	
Battery Temperature Highest Sensor number	12	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not Active	
BPCM Sec Asic Fault Input	Not Active	
BPCM Sec CC Path Test Active	Not Active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not Active	
BPCM Sec Contactor State	Open	
BPCM Main HW Timer Status	Not Active	
BPCM Sec Asic Fault State	NOTASSERTED	
Real Time Clock Validity	True	
DTC	C1 00 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test 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	
DTC Extended Data Record Number - 2	A6	
Frequency Counter	4	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails)	2	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Total Time Awake	21392924	seconds
Vehicle mileage at time of fault (ODO signal in \$3D2)	823.47	miles
Battery Lifetime Miles	6119F0	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	12.102	Volts

Battery Lifetime AmpHrs of Charge	566.8	AHr
Battery Lifetime AmpHrs of DisCharge	573.5	AHr
SOC at time of Fault	14.5	%
Power Up SOC at time of Fault	14.5	%
HVIL PWM Duty Cycle - Vehicle	50.2	%
HVIL PWM Frequency - Vehicle	87.9	Hz
HVIL PWM peak voltage Sourced - Vehicle	7.308	Volts
HVIL Source Voltage- Battery	1.385	Volts
HVIL PWM peak voltage Sensed - Vehicle	7.297	Volts
HVIL Returned current - Battery	30.60	mA
HV Battery Current Sensor 1 Hall High	-2.55	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	111	°F
BPCM temperature max	64	°F
BPCM temperature min	64	°F
Isolation Circuitry Va	2.498	Volts
Isolation Circuitry Vb	2.500	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.498	Volts
WC and CircuitryISO 8V Reference Voltage	7.966	Volts
WC and Circuitry Vcc Voltage	5.000	Volts
Cycles left to self heal	40	No Unit
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-1.2	Volts
HV Battery Charge Power 2sec	87126	watts
HV Battery Charge Power 10sec	85284	watts
HV Battery Discharge Power 2sec	0	watts
HV Battery Discharge Power 10sec	0	watts
HV Battery Power	007530	watts
Battery Lifetime Number Of Closes	416	
Battery Full AmpHr Capacity	50	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	3483	mV
Battery Cell Voltage Minimum	3464	mV
Battery Cell Voltage Average	3472	mV
HV Battery Voltage (Module Sum)	332.90	Volts
HV Battery Voltage (cell sum)	333.40	Volts
HV Sensor A Pack Voltage	333.50	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.30	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.70	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.70	Volts

HV Sensor G Weld Contactor(Pack Negative) Voltage	-1.2	Volts
Battery Temperature Maximum Module	64	°F
Battery Temperature Average Module	64	°F
Battery Temperature Minimum Module	64	°F
HV Cooling Battery coolant inlet temp	70	°F
HV Cooling Battery coolant outlet temp	70	°F
HV Cooling OBCM temp inlet Temp	70	°F
Isolation Vehicle Impedance	8.4100	Mega Ohms
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	5.5	%
HV Bat SOH-C	95.7	%
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Real time clock	429496.7295	seconds
Accelerator position	7.5	%
Real time clock-OS Task Delay Timer	0	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles

BPCM | U0074-00 | Stored | Dedicated Powertrain (D-PT) CAN Bus Off-

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Sourced	
HCP Contactor Command	Impact Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Invalid	
Contactor Status	Open	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status -Vehicle	PASS	
HVIL Status - Battery pack	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Fault trigger level 1	False	
Fault trigger level 2	False	

Fault trigger level 3	False	
Fault Path	01	
Key - DriveRdy (CAN)	True	
Battery Cell Highest Cell number	81	
Battery Cell Lowest Cell number	19	
Battery Temperature Highest Sensor number	06	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not Active	
BPCM Sec Asic Fault Input	Not Active	
BPCM Sec CC Path Test Active	Not Active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not Active	
BPCM Sec Contactor State	Open	
BPCM Main HW Timer Status	Not Active	
BPCM Sec Asic Fault State	NOTASSERTED	
Real Time Clock Validity	True	
DTC	C0 74 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
DTC Extended Data Record Number - 2	A5	
Frequency Counter	1	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails)	1	events
FoM - for this DTC (lifetime fails counts on pass)	0.0500	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.050	seconds
Battery Total Time Awake	21410296	seconds
Vehicle mileage at time of fault (ODO signal in \$3D2)	823.47	miles
Battery Lifetime Miles	6088FD	miles

System (12) Volts at time of fault	12.228	Volts
Vehicle Speed	0.0	MPH
Battery Lifetime AmpHrs of Charge	566.8	AHr
Battery Lifetime AmpHrs of DisCharge	573.5	AHr
Power Up SOC at time of Fault	14.5	%
SOC at time of Fault	14.5	%
HVIL PWM Duty Cycle - Vehicle	50.2	%
HVIL PWM Frequency - Vehicle	87.9	Hz
HVIL PWM peak voltage Sourced - Vehicle	10.985	Volts
HVIL PWM peak voltage Sensed - Vehicle	10.882	Volts
HVIL Source Voltage- Battery	1.385	Volts
HVIL Returned current - Battery	30.60	mA
HV Battery Current Sensor 1 Hall High	-1.25	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Cooling Speed Pump 1 Target	725	rpm
HV Cooling Speed pump 1 Speed	725	rpm
Charge indicator Temp	102	°F
BPCM temperature max	79	°F
BPCM temperature min	73	°F
Isolation Circuitry Va	2.498	Volts
Isolation Circuitry Vd	0.000	Volts
Isolation Circuitry Vb	2.500	Volts
WC and Circuitry 2.5V Reference Voltage	2.498	Volts
WC and Circuitry Vcc Voltage	5.012	Volts
WC and CircuitryISO 8V Reference Voltage	7.963	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	1.2	Volts
Cycles left to self heal	40	No Unit
HV Battery Charge Power 2sec	3000	watts
HV Battery Charge Power 10sec	3000	watts
HV Battery Discharge Power 2sec	3000	watts
HV Battery Power	007530	watts
HV Battery Discharge Power 10sec	3000	watts
Battery Lifetime Number Of Closes	426	
Battery Full AmpHr Capacity	50	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	3482	mV
Battery Cell Voltage Minimum	3463	mV
Battery Cell Voltage Average	3472	mV
HV Battery Voltage (cell sum)	333.30	Volts
HV Battery Voltage (Module Sum)	332.90	Volts
HV Sensor A Pack Voltage	333.50	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.30	Volts

HV Sensor C OBCM (HVOBC Fuse) Voltage	0.70	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.70	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	1.2	Volts
Battery Temperature Maximum Module	79	°F
Battery Temperature Minimum Module	73	°F
Battery Temperature Average Module	75	°F
HV Cooling Battery coolant inlet temp	88	°F
HV Cooling Battery coolant outlet temp	90	°F
HV Cooling OBCM temp inlet Temp	91	°F
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	5.5	%
Isolation Vehicle Impedance	8.4100	Mega Ohms
HV Bat SOH-C	95.7	%
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Real time clock	429496.7295	seconds
Accelerator position	7.8	%
Real time clock-OS Task Delay Timer	0	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles

BPCM | P167B-00 | Stored | Controlled System Shutdown-

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
Key Position	Ign_ Run	
EPT -WakeUp	Not Sourced	
HCP Contactor Command	Impact Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Invalid	
Contactor Status	Open	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status -Vehicle	Not Sourced	
HVIL Status - Battery pack	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	

Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	03	
Key - DriveRdy (CAN)	True	
Battery Cell Highest Cell number	81	
Battery Cell Lowest Cell number	19	
Battery Temperature Highest Sensor number	06	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not Active	
BPCM Sec Asic Fault Input	Not Active	
BPCM Sec CC Path Test Active	Not Active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not Active	
BPCM Sec Contactor State	Open	
BPCM Main HW Timer Status	Not Active	
BPCM Sec Asic Fault State	NOTASSERTED	
Real Time Clock Validity	True	
DTC	16 7B 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
DTC Extended Data Record Number - 2	56	
Frequency Counter	1	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails)	1	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Total Time Awake	21409856	seconds

Vehicle mileage at time of fault (ODO signal in \$3D2)	0.00	miles
Battery Lifetime Miles	607448	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	6.666	Volts
Battery Lifetime AmpHrs of Charge	566.8	AHr
Battery Lifetime AmpHrs of DisCharge	573.5	AHr
SOC at time of Fault	14.5	%
Power Up SOC at time of Fault	14.5	%
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM peak voltage Sourced - Vehicle	0.245	Volts
HVIL PWM peak voltage Sensed - Vehicle	0.245	Volts
HVIL Source Voltage- Battery	1.377	Volts
HVIL Returned current - Battery	30.40	mA
HV Battery Current Sensor 1 Hall High	-0.40	Amps
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Battery Current HVBatCmt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	99	°F
BPCM temperature max	79	°F
BPCM temperature min	73	°F
Isolation Circuitry Va	2.498	Volts
Isolation Circuitry Vd	0.000	Volts
Isolation Circuitry Vb	2.498	Volts
WC and Circuitry 2.5V Reference Voltage	2.498	Volts
WC and Circuitry Vcc Voltage	4.973	Volts
WC and CircuitryISO 8V Reference Voltage	7.963	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	0.2	Volts
Cycles left to self heal	40	No Unit
HV Battery Charge Power 2sec	3000	watts
HV Battery Charge Power 10sec	3000	watts
HV Battery Discharge Power 2sec	3000	watts
HV Battery Discharge Power 10sec	3000	watts
HV Battery Power	007530	watts
Battery Lifetime Number Of Closes	426	
Battery Full AmpHr Capacity	50	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	3483	mV
Battery Cell Voltage Minimum	3464	mV
Battery Cell Voltage Average	3472	mV
HV Battery Voltage (cell sum)	333.30	Volts
HV Battery Voltage (Module Sum)	332.90	Volts

HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.30	Volts
HV Sensor A Pack Voltage	333.50	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.70	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.70	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	0.2	Volts
Battery Temperature Maximum Module	79	°F
Battery Temperature Minimum Module	73	°F
Battery Temperature Average Module	75	°F
HV Cooling Battery coolant inlet temp	88	°F
HV Cooling Battery coolant outlet temp	90	°F
HV Cooling OBCM temp inlet Temp	91	°F
Isolation Vehicle Impedance	8.4100	Mega Ohms
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	5.5	%
HV Bat SOH-C	95.7	%
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	0	
Accelerator position	0.0	%
Most Recent Odometer Value	0	miles
Original Odometer Value	0	miles

BPCM | P1A0C-00 | Stored | Battery Energy Control Module System Voltage Low-

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
Key Position	Ign_ Run	
EPT -WakeUp	Sourced	
HCP Contactor Command	Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Open	
Contactor Status	Open	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status -Vehicle	PASS	
HVIL Status - Battery pack	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	

Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
Key - DriveRdy (CAN)	True	
Battery Cell Highest Cell number	81	
Battery Cell Lowest Cell number	19	
Battery Temperature Highest Sensor number	06	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not Active	
BPCM Sec Asic Fault Input	Not Active	
BPCM Sec CC Path Test Active	Not Active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not Active	
BPCM Sec Contactor State	Open	
BPCM Main HW Timer Status	Not Active	
BPCM Sec Asic Fault State	NOTASSERTED	
Real Time Clock Validity	True	
DTC	1A 0C 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	
DTC Extended Data Record Number - 2	5A	
Frequency Counter	1	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails)	2	events
FoM - for this DTC (lifetime fails counts on pass)	28.5000	seconds

FoM - for this DTC (lifetime longest fail on pass)	13.000	seconds
Battery Total Time Awake	21409040	seconds
Vehicle mileage at time of fault (ODO signal in \$3D2)	823.47	miles
Battery Lifetime Miles	609DB2	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	9.131	Volts
Battery Lifetime AmpHrs of Charge	566.8	AHr
Battery Lifetime AmpHrs of DisCharge	573.5	AHr
SOC at time of Fault	14.5	%
Power Up SOC at time of Fault	14.5	%
HVIL PWM Duty Cycle - Vehicle	50.2	%
HVIL PWM Frequency - Vehicle	87.9	Hz
HVIL PWM peak voltage Sourced - Vehicle	7.915	Volts
HVIL PWM peak voltage Sensed - Vehicle	7.855	Volts
HVIL Source Voltage- Battery	1.385	Volts
HVIL Returned current - Battery	30.40	mA
HV Battery Current Sensor 1 Hall High	-0.60	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	106	°F
BPCM temperature max	77	°F
Isolation Circuitry Va	2.498	Volts
BPCM temperature min	73	°F
Isolation Circuitry Vb	2.500	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.498	Volts
WC and Circuitry Vcc Voltage	4.997	Volts
WC and CircuitryISO 8V Reference Voltage	7.963	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-1.2	Volts
Cycles left to self heal	40	No Unit
HV Battery Charge Power 10sec	86613	watts
HV Battery Charge Power 2sec	88377	watts
HV Battery Discharge Power 2sec	0	watts
HV Battery Discharge Power 10sec	0	watts
HV Battery Power	007530	watts
Battery Lifetime Number Of Closes	425	
Battery Full AmpHr Capacity	50	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	3483	mV
Battery Cell Voltage Minimum	3464	mV
Battery Cell Voltage Average	3472	mV

HV Battery Voltage (cell sum)	333.30	Volts
HV Battery Voltage (Module Sum)	332.90	Volts
HV Sensor A Pack Voltage	333.50	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.30	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.70	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.70	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-1.2	Volts
Battery Temperature Maximum Module	77	°F
Battery Temperature Minimum Module	73	°F
Battery Temperature Average Module	75	°F
HV Cooling Battery coolant outlet temp	90	°F
HV Cooling Battery coolant inlet temp	88	°F
HV Cooling OBCM temp inlet Temp	93	°F
Isolation Vehicle Impedance	8.4100	Mega Ohms
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	5.5	%
HV Bat SOH-C	95.7	%
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Real time clock	429496.7295	seconds
Accelerator position	7.5	%
Real time clock-OS Task Delay Timer	0	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles

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

NAME	VALUE	UNITS
DTC	05 62 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag		
Brake Switch Status		
Ignition State		
PRND Position Display		
Propulsion System Active		
HCP ePT Wake-Up Output		

CBC Wake-Up Input		
HCP System Shutdown Command		
SW Build Release Version		
HCP SW Version		
EPT LOC Diag Enable		
HV Contactor Status		
APM Status		
Impact Event		
OBCM Operating Mode		
J1772 Prox Detected State		
Hybrid System State		
PHEV Charging Status		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Real time clock		sec
Ignition Cycle Counter		
RAM stamps keyOn		sec
RAM Stamps		Min
Accelerator Pedal Position		%
Engine Speed		rpm
HV Battery SOC		%
Vehicle Speed		MPH
Motor B Temp Sensor		°F
Motor A Temp Sensor		°F
Barometric Pressure		PSI
Engine Coolant Temperature		°F
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Motor A Torque		Ft-Lbs
Motor B Torque		Ft-Lbs
Actual Torque - Motor A		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase B		AMP

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

HCP | P062F-00 | Stored | Internal Control Module EEPROM Error-

NAME	VALUE	UNITS
DTC	—	
Test Failed	—	
Pending DTC	—	
Test Not Completed Since Last Clear	—	
Confirmed DTC	—	
Test Failed This Operation Cycle	—	
Test Failed Since Last Clear	—	
Test Not Completed This Operation Cycle	—	
Warning Indicator Requested	—	
DTC Extended Data Record Number	—	
Occurrence flag	—	
Brake Switch Status	—	
PHEV Charging Status	—	
PRND Position Display	—	

Propulsion System Active	—	
Ignition State	—	
Static NVM CRC Status	—	
Cumulative NVM CRC Status	—	
Adaptable NVM CRC Status	—	
Preserved NVM CRC Status	—	
Main Processor Reset Source - Core 0	—	
Main Processor Reset Source - Core 1	—	
MCPUninit EEPROM CRC Status	—	
Expendable NVM CRC Status	—	
MCPInit EEPROM CRC Status	—	
Non Volatile RAM CRC Status	—	
BSW EEPROM CRC Status	—	
HCP - MCPA SPI CRC Error Count	—	
MemShare ARC Error Count- Core 0	—	
HCP - MCPA SPI ARC Error Count	—	
MCPB - MCPA SPI ARC Error Count	—	
MCPB - MCPA SPI CRC Error Count	—	
MemShare ARC Error Count- Core 1	—	
Main Stack Fault	—	
Main Analog-to-Digital Converter Fault	—	
External Watchdog Fault	—	
MemShare CRC Error Count- Core 0	—	
MainTPU_Flt	—	
MemShare CRC Error Count- Core 1	—	
Main Detected Seed Received In Wrong Order	—	
Main Clock Fault	—	
MAIN ALU Fault	—	
MAIN Detected SPI Fault	—	
Hybrid System State	—	
HCP ePT Wake-Up Output	—	
EPT LOC Diag Enable	—	
CBC Wake-Up Input	—	
HV Contactor Status	—	
Impact Event	—	
APM Status	—	
HCP System Shutdown Command	—	
OBCM Operating Mode	—	
J1772 Prox Detected State	—	
Frequency Counter	—	
Most Recent Odometer Value	—	miles
Original Odometer Value	—	miles
Real time clock	—	sec
RAM stamps keyOn	—	sec

Ignition Cycle Counter	—	
RAM Stamps	—	Min
HV Battery SOC	—	%
Engine Speed	—	rpm
Barometric Pressure	—	PSI
Battery Feed Voltage 2 Sense	—	Volts
Internal EPS Voltage Sense A	—	Volts
Accelerator Pedal Position	—	%
Internal EPS Voltage Sense B	—	Volts
Engine Coolant Temperature	—	°F
Vehicle Speed	—	MPH
Battery Feed Voltage 1 Sense	—	Volts
Actual Torque - Motor A	—	Ft-Lbs
Actual Torque - Motor B	—	Ft-Lbs
Available Regen Torque - Motor B	—	Ft-Lbs
Available Motor Torque - Motor B	—	Ft-Lbs
Commanded Torque - Motor A	—	Ft-Lbs
Available Motor Torque - Motor A	—	Ft-Lbs
Commanded Torque - Motor B	—	Ft-Lbs
Motor A - Inverter Current - phase A	—	AMP
Motor B - Inverter Current - phase A	—	AMP
Available Regen Torque - Motor A	—	Ft-Lbs
Battery Feed Voltage 3 Sense	—	Volts
Motor B - Inverter Current - phase C	—	AMP
Motor A - Inverter Current - phase C	—	AMP
Motor A Temp Sensor	—	°F
Motor A - Inverter Current - phase B	—	AMP
HV Battery Voltage from BPCM	—	Volts
Electric Motor A Speed	—	rpm
Motor B - Inverter Current - phase B	—	AMP
Electric Motor B Speed	—	rpm
PIM DC Link Voltage - A	—	Volts
Outside Air Temperature	—	°F
Inverter A IGBT Temperature for phase A	—	°F
Motor A Resolver Angle	—	Degree
Inverter B IGBT Temperature for phase A	—	°F
Inverter A IGBT Temperature for phase B	—	°F
PIM DC Link Voltage - B	—	Volts
Inverter A IGBT Temperature for phase C	—	°F
Distance Travelled with Light ON	—	miles
Motor A Torque	—	Ft-Lbs
UTC Time - Hours	—	Hours
Motor B Temp Sensor	—	°F
Motor B Resolver Angle	—	Degree

Inverter B IGBT Temperature for phase C	—	°F
Inverter B IGBT Temperature for phase B	—	°F
HV Battery Sleep Time	—	Days
GPS Date - Year	—	Year
GPS Date - Month	—	
GPS Date - Day	—	Days
Motor B Torque	—	Ft-Lbs
ECU Time - Milliseconds	—	ms
UTC Time - Minutes	—	
UTC Time - Seconds	—	seconds

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

NAME	VALUE	UNITS
DTC	07 9B 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PRND Position Display	P	
Ignition State	Reserved	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1901p0_1901A_RU_H	
HCP SW Version	1901A	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	Idle	
J1772 Prox Detected State	Prox Circuit Low	
Hybrid System State	Evaluate High Voltage Enable	
PHEV Charging Status	No Charging	
Original Odometer Value	823.5	miles
Most Recent Odometer Value	823.5	miles
Frequency Counter	1	
RAM stamps keyOn	0	sec

Real time clock	21412340	sec
Ignition Cycle Counter	0	
Accelerator Pedal Position	0	%
RAM Stamps	23	Min
Engine Speed	0	rpm
HV Battery SOC	15	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	-40	°F
Internal EPS Voltage Sense A	0.000	Volts
Internal EPS Voltage Sense B	0.000	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.184	Ft-Lbs
Actual Torque - Motor B	0.184	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	294	Degree
Motor A Resolver Angle	222	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	3	Volts
PIM DC Link Voltage - B	3	Volts
HV Battery Voltage from BPCM	180.00	Volts
Outside Air Temperature	91.4	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	12.600	Volts
Battery Feed Voltage 2 Sense	12.672	Volts
Battery Feed Voltage 3 Sense	12.672	Volts
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F

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

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

NAME	VALUE	UNITS
Test Failed	True	
DTC	0A 7D 00	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
HCP SW Version	1901A	
SW Build Release Version	PIMC19A1901p0_1901A_RU_H	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	Idle	
J1772 Prox Detected State	Prox Circuit Low	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	823.5	miles
Frequency Counter	1	
Most Recent Odometer Value	823.5	miles

Real time clock	21412348	sec
RAM stamps keyOn	15	sec
Ignition Cycle Counter	0	
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
RAM Stamps	23	Min
HV Battery SOC	15	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	93	°F
Motor B Temp Sensor	93	°F
Engine Coolant Temperature	91	°F
Barometric Pressure	15	PSI
Internal EPS Voltage Sense A	0.000	Volts
Internal EPS Voltage Sense B	0.000	Volts
Motor A Torque	-0.092	Ft-Lbs
Motor B Torque	0.277	Ft-Lbs
Actual Torque - Motor A	-0.092	Ft-Lbs
Actual Torque - Motor B	0.277	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	294	Degree
Motor A Resolver Angle	222	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	4	Volts
PIM DC Link Voltage - B	3	Volts
HV Battery Voltage from BPCM	180.00	Volts
Outside Air Temperature	91.4	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	12.888	Volts
Battery Feed Voltage 2 Sense	12.888	Volts
Battery Feed Voltage 3 Sense	12.888	Volts
Inverter A IGBT Temperature for phase A	91	°F
Inverter A IGBT Temperature for phase B	93	°F

Inverter A IGBT Temperature for phase C	91	°F
Inverter B IGBT Temperature for phase A	91	°F
Inverter B IGBT Temperature for phase C	93	°F
Inverter B IGBT Temperature for phase B	93	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | U0073-00 | Stored | Hybrid/EV Bus Off-

NAME	VALUE	UNITS
DTC	C0 73 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
PRND Position Display	P	
Ignition State	Ignition Off/ACC	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1901p0_1901A_RU_H	
HCP SW Version	1901A	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Inverters Enabled	
PHEV Charging Status	No Charging	
Original Odometer Value	823.5	miles
Most Recent Odometer Value	823.5	miles

Frequency Counter	2	
Ignition Cycle Counter	0	
Real time clock	21412424	sec
RAM stamps keyOn	0	sec
RAM Stamps	24	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	15	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	93	°F
Motor B Temp Sensor	93	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	91	°F
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.136	Volts
Motor A Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	294	Degree
Motor A Resolver Angle	222	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	333	Volts
PIM DC Link Voltage - B	334	Volts
HV Battery Voltage from BPCM	333.70	Volts
Outside Air Temperature	91.4	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	12.960	Volts
Battery Feed Voltage 2 Sense	13.032	Volts
Battery Feed Voltage 3 Sense	13.032	Volts
Inverter A IGBT Temperature for phase A	91	°F

Inverter A IGBT Temperature for phase B	91	°F
Inverter A IGBT Temperature for phase C	91	°F
Inverter B IGBT Temperature for phase A	91	°F
Inverter B IGBT Temperature for phase C	93	°F
Inverter B IGBT Temperature for phase B	93	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
DTC	C1 00 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1901p0_1901A_RU_H	
HCP SW Version	1901A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	823.5	miles

Most Recent Odometer Value	823.6	miles
Frequency Counter	101	
Ignition Cycle Counter	0	
Real time clock	22666778	sec
RAM Stamps	0	Min
RAM stamps keyOn	15	sec
Accelerator Pedal Position	0	%
HV Battery SOC	15	%
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	75	°F
Internal EPS Voltage Sense A	0.504	Volts
Internal EPS Voltage Sense B	0.000	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	328	Degree
Motor A Resolver Angle	314	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.5	rpm
PIM DC Link Voltage - A	6	Volts
PIM DC Link Voltage - B	6	Volts
HV Battery Voltage from BPCM	180.00	Volts
Outside Air Temperature	68.0	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	11.592	Volts
Battery Feed Voltage 2 Sense	11.664	Volts
Battery Feed Voltage 3 Sense	11.664	Volts

Inverter A IGBT Temperature for phase A	73	°F
Inverter A IGBT Temperature for phase B	73	°F
Inverter A IGBT Temperature for phase C	72	°F
Inverter B IGBT Temperature for phase A	72	°F
Inverter B IGBT Temperature for phase C	73	°F
Inverter B IGBT Temperature for phase B	72	°F
GPS Date - Year	0	Year
Distance Travelled with Light ON	0	miles
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | U11F8-00 | Pending |

NAME	VALUE	UNITS
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HCP | U1818-00 | Stored | Lost Communication With ECM/PCM on D-PT CAN-

NAME	VALUE	UNITS
DTC	D8 18 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1901p0_1901A_RU_H	
HCP SW Version	1901A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	UTC	

J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	823.5	miles
Most Recent Odometer Value	823.6	miles
Frequency Counter	101	
Ignition Cycle Counter	0	
Real time clock	22666778	sec
RAM stamps keyOn	15	sec
RAM Stamps	0	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	15	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	75	°F
Internal EPS Voltage Sense A	0.504	Volts
Internal EPS Voltage Sense B	0.000	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	328	Degree
Electric Motor A Speed	0.0	rpm
Motor A Resolver Angle	314	Degree
Electric Motor B Speed	0.5	rpm
PIM DC Link Voltage - A	6	Volts
PIM DC Link Voltage - B	6	Volts
HV Battery Voltage from BPCM	180.00	Volts
HV Battery Sleep Time	0	Days

Outside Air Temperature	68.0	°F
Battery Feed Voltage 1 Sense	11.592	Volts
Battery Feed Voltage 2 Sense	11.664	Volts
Battery Feed Voltage 3 Sense	11.664	Volts
Inverter A IGBT Temperature for phase A	73	°F
Inverter A IGBT Temperature for phase B	73	°F
Inverter B IGBT Temperature for phase A	72	°F
Inverter A IGBT Temperature for phase C	72	°F
Inverter B IGBT Temperature for phase B	72	°F
Inverter B IGBT Temperature for phase C	73	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Minutes	0	
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
DTC	D8 52 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1901p0_1901A_RU_H	
HCP SW Version	1901A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	

OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	823.5	miles
Most Recent Odometer Value	823.6	miles
Ignition Cycle Counter	0	
Frequency Counter	6	
Real time clock	22666772	sec
RAM stamps keyOn	0	sec
RAM Stamps	0	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	15	%
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	75	°F
Internal EPS Voltage Sense A	5.256	Volts
Internal EPS Voltage Sense B	3.384	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	328	Degree
Motor A Resolver Angle	314	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	6	Volts
HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - B	5	Volts

Outside Air Temperature	68.0	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	11.736	Volts
Battery Feed Voltage 2 Sense	11.736	Volts
Battery Feed Voltage 3 Sense	11.736	Volts
Inverter A IGBT Temperature for phase A	73	°F
Inverter A IGBT Temperature for phase B	73	°F
Inverter B IGBT Temperature for phase A	72	°F
Inverter A IGBT Temperature for phase C	73	°F
Inverter B IGBT Temperature for phase B	72	°F
Inverter B IGBT Temperature for phase C	73	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

OBCM | U0074-00 | Stored | Dedicated Powertrain (D-PT) CAN Bus Off-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
DTC	C0 74 00	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
DTC Extended Data Record Number - Record #2	2B	
OBCM Status AC Present	AC Not OK	
AC Line High	Not Valid	
Occurrence flag	Error	
AC Line Low	Valid	
Battery Voltage Under Min	Not Valid	
Battery Voltage Over Max	Not Valid	
HV OC	False	
HV OV	False	
Battery Not Detected	False	
NTC1 OT	False	
NTC2 OT	False	

J1772 Stat	State Not Programmed	
NTC3 OT	False	
NTC4 OT	False	
J1772 S2 Close	Open	
EVSE Pilot Stat	OBCM HW Fault	
J1772 S2 Status	Open	
OBCM Mode	UTC	
Prox Stat	Prox Circuit Low	
Charge Enable Status	Chrg Disable	
OBCM Charger Ready	Off	
HCP (EVCU) OBC Mode Request	Idle	
Generic Fail Sts	No Functional Fail Present	
Chrg Fail Sts	Faulted - Charging Inhibited	
HCP (EVCU) Shutdown Command	EVCU Operational	
HCP (EVCU) Enable Charge Command	Charge disable	
OBCM WU Status	Wakeup is Faulted	
OBCM Wake Up Reason	Master Wake Up	
OBC Control Mth	Current	
OBCM Deraing Reason	AC Voltage Limit Derating	
Close Chrgr Cntctr	Open	
Chrgr Cntctr Stat	Open	
Chrg Mode	Charge Mode	
OBCM Fault Reason	Internal OBCM high voltage Fault	
OBCM - HV Over Voltage Protect	False	
OBCM - LV Aux Over Voltage Protect	False	
OBCM - LV Aux Under Voltage Protect	False	
OBCM - LLC Over Voltage Protect	False	
OBCM - PFC Over Voltage Protect	False	
OBCM - PFC Under Voltage Protect	False	
OBCM - Battery 12V Under Voltage Protect	False	
OBCM - Battery 12V Over Voltage Protect	False	
OBCM - HV Voltage Over MaxCal Protect	False	
OBCM - HV Over Current Protect	False	
OBCM - AC Under Voltage Protect	False	
OBCM - LLC Under Voltage Protect	False	
OBCM - AC Over Voltage Protect	False	
OBCM - AC Over Current Protect	False	
OBCM - Power Stage Over Voltage Protect	False	
OBCM - Internal Memory Fault	False	
OBCM - Over Temperature Protect	False	
OBCM - HCP Loss of Communication Protect	False	
OBCM - Loss BPCM Communication Protect	False	
OBCM - CAN Bus Off	False	
OBCM - SPI Communication Fault	False	

OBCM - Pilot Short To Battery	False	
OBCM - WakeUp Output Stuck Low	False	
OBCM - WakeUp Output Stuck High	False	
OBCM - Pilot Duty Fault	False	
OBCM - Prox Range To Low	False	
OBCM - Prox Range To High	False	
OBCM - HV Voltage Under MinCal Protect	False	
OBCM - ORC Loss of Communication	False	
OBCM - HV Battery Not Contact	False	
OBCM - Loss Communication Protect	False	
OBCM - Receive HV Battery Contact Open From BPCM	True	
OBCM - Secondary Aux Over Voltage Protect	False	
OBCM - HV Under Voltage Protect	False	
OBCM - Secondary Aux Under Voltage Protect	False	
OBCM - Primary Aux Over Voltage Protect	False	
OBCM - Stuck Shutdown	False	
OBCM - Primary Aux Under Voltage Protect	False	
OBCM - AC Contact Welded Fault	False	
OBCM - Vehicle Impact	False	
OBCM - Cycle Shutdown	False	
OBCM - ARC/CRC Fault	False	
Prox open fault	False	
OBCM - Internal S2 Switch High Fault	False	
OBCM - Pilot Range Fault	False	
Control Pilot Open fault	False	
OBCM - Internal S2 Switch Low Fault	False	
force shutdown fault	False	
OBCM - Prox Range Fault	False	
HCP stuck High fault	False	
Plant mode flag	False	
pilot signal wake up issue because of EVSE	False	
HCP stuck low fault	False	
Retry fault flag	False	
Loss SBC communication (SPI)	False	
Pilot frequency range fault	False	
Module A Primary - AC Under Voltage Protect	False	
pilot input short to battery fault in Driver mode detecting	False	
pilot short to ground fault in driver mode detecting	False	
pilot input short to ground fault	False	
Module A Primary - PFC Enable States	False	
Charging ready line open fault	False	
OBCM - Internal S2 Switch High Fault in Driver mode detecting	False	
Module A Primary - PFC Under Voltage Protect	False	
Module A Primary - PFC Over Voltage Protect	False	

Module A Primary - Over Temperature Protect	False	
Module A Primary - PFC Power Limit	True	
Module A Primary - PFC Over Temperature Protect	False	
Module A Primary - LLC Enable States	False	
Module A Primary - AC Over Voltage Protect	True	
Module A Primary - Relay Enable States	False	
Module A Primary - AC Present	False	
Module A Primary - Hot Warning	False	
Module A Primary - Aux Over Voltage Protect	False	
Module A Primary - LLC Hot Warning	False	
Module A Primary - PFC Hot Warning	False	
Module A Primary - LLC Over Temperature Protect	False	
Module A Primary - Secondary Micro Enable Command	False	
Module A Primary - AC Vin Lost	True	
Module A Primary - Standby Mode	True	
Module A Primary - Aux Under Voltage Protect	False	
Module A Primary - Loss Communication Protect	False	
Module A Secondary - LLC Under Voltage Protect	False	
Module A Primary - Shutdown Mode	False	
Module A Primary - Operate Mode	False	
Module A Secondary - Aux Enable States	True	
Module A Secondary - HV Over Voltage Protect	False	
Module A Secondary - HV Over Current Protect	False	
Module A Secondary - LLC Over Voltage Protect	False	
Module A Secondary - HV Enable States	False	
Module A Secondary - HV Over Temperature Protect	False	
Module A Secondary - HV Hot Warning	False	
Module A Secondary - Aux Over Voltage Protect	False	
Module A Secondary - Aux Under Voltage Protect	False	
Module A Secondary - Ambient Hot Warning	False	
Module A Secondary - Over Temperature Protect	False	
Module A Secondary - Hot Warning	False	
Module A Secondary - Loss LV Communication Protect	False	
Module A Secondary - Loss Primary Communication Protect	False	
Module A Secondary - LV Micro Enable Command	False	
Module A Secondary - Ambient Over Temperature Protect	False	
Module A Secondary - Primary Shutdown States	False	
Module A Secondary - HV Under Voltage Protect	False	
Module A Secondary - Standby Mode	True	
Module A Secondary - LV Micro Disable Command	True	
Module A Secondary - Primary Turn On States	False	
Module A Secondary - LLC Low Temperature Derating	False	
Module A Secondary - HV High Temperature Derating	False	
Module A Secondary - PFC High Temperature Derating	False	

Module A Secondary - PFC Low Temperature Derating	False	
Module A Secondary - Shutdown Mode	False	
Module A Secondary - Operate Mode	False	
Module A Secondary - HV Low Temperature Derating	False	
Module A Secondary - LLC High Temperature Derating	False	
Module A Secondary - Ambient High Temperature Derating	False	
Module B Primary - PFC Under Voltage Protect	False	
Module B Primary - PFC Over Voltage Protect	False	
Module B Primary - AC Under Voltage Protect	False	
Module A Secondary - HV Output Voltage Derating	False	
Module A Secondary - AC Input Voltage Derating	True	
Module B Primary - PFC Enable States	False	
Module B Primary - PFC Power Limit	True	
Module B Primary - Hot Warning	False	
Module B Primary - AC Present	False	
Module B Primary - PFC Over Temperature Protect	False	
Module B Primary - LLC Over Temperature Protect	False	
Module B Primary - PFC Hot Warning	False	
Module B Primary - LLC Hot Warning	False	
Module B Primary - Over Temperature Protect	False	
Module B Primary - LLC Enable States	False	
Module A Secondary - Ambient Low Temperature Derating	False	
Module B Primary - Relay Enable States	False	
Module B Primary - Aux Over Voltage Protect	False	
Module B Primary - Aux Under Voltage Protect	False	
Module B Primary - AC Vin Lost	True	
Module B Primary - AC Over Voltage Protect	True	
Module B Primary - Operate Mode	False	
Module B Primary - Standby Mode	True	
Module B Secondary - Aux Enable States	True	
Module B Primary - Shutdown Mode	False	
Module B Secondary - LLC Over Voltage Protect	False	
Module B Secondary - LLC Under Voltage Protect	False	
Module B Secondary - HV Enable States	False	
Module B Secondary - HV Over Voltage Protect	False	
Module B Secondary - HV Over Current Protect	False	
Module B Secondary - Over Temperature Protect	False	
Module B Secondary - HV Over Temperature Protect	False	
Module B Secondary - Ambient Over Temperature Protect	False	
Module B Secondary - Ambient Hot Warning	False	
Module B Secondary - Aux Under Voltage Protect	False	
Module B Secondary - Aux Over Voltage Protect	False	
Module B Secondary - HV Hot Warning	False	
Module B Secondary - Hot Warning	False	

Module B Secondary - Loss Primary Communication Protect	False	
Module B Secondary - Loss LV Communication Protect	False	
Module B Secondary - LV Micro Enable Command	False	
Module B Secondary - Primary Turn On States	False	
Module B Primary - Secondary Micro Enable Command	False	
Module B Secondary - HV Under Voltage Protect	False	
Module B Secondary - Standby Mode	True	
Module B Secondary - Primary Shutdown States	False	
Module B Primary - Loss Communication Protect	False	
Module B Secondary - Operate Mode	False	
Module B Secondary - LV Micro Disable Command	True	
Module B Secondary - Shutdown Mode	False	
Module B Secondary - HV High Temperature Derating	False	
Module B Secondary - PFC High Temperature Derating	False	
Module B Secondary - HV Low Temperature Derating	False	
Module B Secondary - LLC High Temperature Derating	False	
Module B Secondary - PFC Low Temperature Derating	False	
Module B Secondary - LLC Low Temperature Derating	False	
SBC State_DF00	C6	
Module B Secondary - AC Input Voltage Derating	True	
Module B Secondary - Ambient High Temperature Derating	False	
Module B Secondary - Ambient Low Temperature Derating	False	
SBC State_E100	00	
SBC State_E180	88	
SBC State_DF80	00	
Module B Secondary - HV Output Voltage Derating	False	
SBC State_E580	08	
SBC State_E300	00	
SBC State_E500	00	
CANSIP Bus Off	True	
BPCM HV Battery Contactor Open	True	
SBC Bus Off	False	
EPT LOC Diag Enable	Disable LOC Daignostic	
HCP Shutdown Command	No Shutdown	
HV Battey Contactor Open	False	
BPCM Request for HV Contactor	False	
HV Contactor Status	Open	
Frequency Counter	1	
Ignition Cycle Counter	4	
Most Recent Odometer Value	0	miles
HCP (EVCU) AC Current Max Cal	-0.50	Amps
Original Odometer Value	0	miles
HCP (EVCU) Current Request	16.00	AMP
Battery Side Voltage	0.0	Volts

HCP (EVCU) HV Volt Min Cal	490	Volt
HCP (EVCU) HV Current Max Cal	-12.00	Amps
Battery Side Current	0.30	Amps
HCP (EVCU) Voltage Request	0	Volts
AC Side Volt	1.6	Volts
OBCM Temperature 3	95	°F
AC Side Current	0.60	Amps
OBCM Temperature 1	97	°F
OBCM Temperature 2	93	°F
J1772 ICA	0	AMP
Control Pilot Amplitude	7.696	Volts
Control Pilot Duty Cycle	0.00	%
OBCM Temperature 4	91	°F
HCP (EVCU) HV Volt Max Cal	304	Volt
Watt Hours of Charge the HV Bus	0	W-Hrs
Watt-Hours of AC Power	32767	W-Hrs
External OBCM Inlet Temperature (CAN)	-40	°F
Prox Voltage	4.431	Volt
Control Pilot Frequency	1024	Hz
OBC Idle Tml	2	hrs
Module A Primary - PFC Temperature	93	°F
Module A Primary - LLC Temperature	93	°F
Module A Primary - AC Side Current	-24.70	Amps
Module A Secondary - Battery Side Voltage	0.0	Volts
Module A Secondary - Buck Temperature	91	°F
Module A Secondary - Battery Side Current	-24.90	Amps
Module A Secondary - Ambient Temperature	93	°F
Module A Primary - AC Side Volt	1.6	Volts
Module B Secondary - Buck Temperature	95	°F
Module B Secondary - Buck Output Voltage	0.1	Volts
Module B Secondary - Ambient Temperature	97	°F
Module B Primary - LLC Temperature	95	°F
Module A Secondary - Buck Output Voltage	0.1	Volts
Module B Primary - PFC Temperature	95	°F
Module B Primary - AC Side Current	-24.70	Amps
OBCM Charge Current Available	0.00	AMP
OBC Charge Time	0	sec
Module B Primary - AC Side Volt	1.6	Volts
OBC Charge Tml	4270	hrs
Ignition on Time for DTC	0	sec
Module B Secondary - Battery Side Voltage	0.0	Volts
Module B Secondary - Battery Side Current	-24.80	Amps
OBC Idle Time	0	sec

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

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	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	825	miles
Most Recent Odometer Value	825	miles
Frequency Counter	4	
Ignition Cycle Counter	4	

MSMP | U0011-00 | Stored | CAN Interior Bus Off Performance-

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	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	Odometer value not available / Default	miles
Frequency Counter	2	
Ignition Cycle Counter	10	
Most Recent Odometer Value	825	miles

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	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	

DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Most Recent Odometer Value	825	miles
Frequency Counter	2	
Original Odometer Value	825	miles
Ignition Cycle Counter	15	

MSMP | B210D-21 | Stored | Battery Voltage Low-Signal Amplitude < Minimum

NAME	VALUE	UNITS
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	Occurrence	
Original Odometer Value	825	miles
Frequency Counter	1	
Most Recent Odometer Value	825	miles
Ignition Cycle Counter	15	

DSM | B156D-00 | Stored | Low Voltage Differential Signal (LVDS) Video Cable-

NAME	VALUE	UNITS
DTC	95 6D 00	
Test Failed	False	
Pending DTC	False	
Confirmed DTC	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	
Test Failed Since Last Clear	True	
Test Failed This Operation Cycle	False	
Original Odometer Value	815	miles
Ignition Cycle Counter	6	
Most Recent Odometer Value	815	miles
Frequency Counter	1	

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

NAME	VALUE	UNITS
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DTC	A1 99 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Test Failed Since Last Clear	True	
Occurrence flag	Error	
Frequency Counter	3	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	8	

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	
Pending DTC	False	
Confirmed DTC	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	
Test Failed Since Last Clear	True	
Occurrence flag	Error	
Frequency Counter	6	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	9	

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

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
DTC	A1 99 16	
Test Failed	False	
Confirmed DTC	True	
Pending DTC	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	
Test Not Completed This Operation Cycle	False	
Most Recent Odometer Value	815	miles
Frequency Counter	2	
Ignition Cycle Counter	4	
Original Odometer Value	815	miles

RCCC | 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	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Confirmed DTC	True	
DTC Extended Data Record Number - All	01	
Pending DTC	False	
Occurrence flag	Occurrence	
Test Not Completed Since Last Clear	False	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	2	
Ignition Cycle Counter	4	

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 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	Active	
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 Y Coordinate	0000	
Touch Screen X Coordinate	0000	
Radio Display Status	Display Status: Off	
Original Odometer Value	815	miles
Frequency Counter	1	
Most Recent Odometer Value	815	miles
DTC Extended Data Record Number 2	2	
Ignition Cycle Counter	19	
Battery Voltage	6.4	V
ECU Voltage	6.0	V
Vehicle Speed	0.000000	MPH
Steering Wheel Angle	200.0	Deg

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

NAME	VALUE	UNITS
Test Failed	False	
DTC	C4 22 00	
Test Failed This Operation Cycle	False	
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	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Internal Communication 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	Active	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Rear Left Door Ajar	Active	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Liftgate Ajar	Inactive	
Reverse Gear	Inactive	
Touch Screen X Coordinate	0000	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Off	
Most Recent Odometer Value	815	miles
Ignition Cycle Counter	19	
Frequency Counter	1	
Original Odometer Value	815	miles
DTC Extended Data Record Number 2	2	
ECU Voltage	6.0	V
Vehicle Speed	0.000000	MPH
Battery Voltage	6.5	V
Steering Wheel Angle	200.0	Deg

CVPM | 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	
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	01	
Warning Indicator Requested	False	
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	
Calibration Failure - Calibration not Executed	Off	
ECU Failure – Watchdog Error	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	Active	
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	815	miles
Frequency Counter	1	
Ignition Cycle Counter	18	
Most Recent Odometer Value	815	miles
DTC Extended Data Record Number 2	2	
ECU Voltage	6.3	V
Vehicle Speed	0.000000	MPH
Steering Wheel Angle	200.0	Deg
Battery Voltage	6.8	V

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 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	01	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Internal Communication 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	Active	
Driver Door Ajar	Active	

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: Splash Screen	
Original Odometer Value	815	miles
Frequency Counter	3	
Most Recent Odometer Value	815	miles
DTC Extended Data Record Number 2	2	
Ignition Cycle Counter	18	
ECU Voltage	9.6	V
Battery Voltage	9.9	V
Vehicle Speed	0.000000	MPH
Steering Wheel Angle	345.5	Deg

EBBM | P0562-00 | Active | System Voltage Low-

NAME	VALUE	UNITS
Pending DTC	True	
DTC	05 62 00	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Failed This Operation Cycle	True	
Confirmed DTC	True	
Mirror Memory	No	
Test Failed	True	
Occurrence flag	Error	
Warning Indicator Requested	True	
Undervoltage Suspected	No	
iBooster System Mode	Ready Mode iBooster is ready for actuation	
Brake Pedal Applied	brake pedal not applied	
iBooster Brake Pedal State	brake pedal not applied	
Booster Supply	9.4	V
Ignition Cycle Counter	0	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Pedal Travel Sensor Supply	5.0	V
Fault Time	21.60	S
Frequency Counter	1	
ECU Supply	9.4	V
iBooster ECU Temperature Channel 1	63.7813	°F

iBooster ECU Temperature Channel 2	63.4438	°F
Ignition	9.4	V
Pedal Travel Sensor One	0.0351558	mm_
Vehicle Speed	0.00	MPH
iBooster Input Rod Stroke	0.05	mm_
ESP Master Cylinder Pressure	0.00	PSI
iBooster Rotary Position Sensor	0.00	Deg
Supplier Internal Code	210	
iBooster Output Rod Stroke	0.00	mm_
Pedal Travel Sensor Two	0.0781240	mm_
iBooster Boost Body Stroke	-0.07	mm_

ABSO | C0021-00 | Active | Brake Booster-

NAME	VALUE	UNITS
Test Failed	True	
Pending DTC	True	
DTC	40 21 00	
Confirmed DTC	True	
Test Failed This Operation Cycle	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Controller Event	No	
Mirror Memory	No	
Occurrence flag	Error	
Undervoltage Suspected	No	
Current System Mode	Ignition Run	
Previous System Mode	Ignition Run	
System Condition	OK	
Brake Pedal Status	Released	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ABS control	Not Active	
ASR control	Not Active	
MSR control	Not Active	
EBV control	Not Active	
HSA control	Not Active	
ESP Control	Not Active	
Hold	No	
HBA control	Not Active	
EPB Mode Status	Static	

Braking assistance system	No assistance system is braking	
Park Brake	Not Activated	
ESP-OFF mode	No	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	P	
BLS Low	Yes	
Status Parking Brake Right	Brake is in an Unknown State	
Status Parking Brake Left	Brake is in an Unknown State	
Transmission selector lever setting	P	
EPB Switch Status	Idle	
Plant Mode	No	
BLS High	No	
Most Recent Odometer Value	815	miles
Fault Time	29.60	S
Original Odometer Value	815	miles
Ignition Cycle Counter	0	
Frequency Counter	1	
Brake Pedal Travel Sensor Position	0	%
Supply Voltage Valves	11.7	V
Supply voltage Pump	11.8	V
Wheel Speed Left Front	0.000	MPH
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Longitudinal Acceleration	0.22	m/s^2
Lateral Acceleration	0.00	m/s^2
Yaw Rate	0.000	°/s
Steering Wheel Angle	0.00	°
Accelerator Pedal Position	0.0	%
Primary Circuit Pressure	0.00	PSI
Ignition Unfiltered	11.7	V
Supplier Internal Code	582	
Engine Speed	0.0	rpm

ABSO | C2222-00 | Active | Improper Powerdown-

NAME	VALUE	UNITS
Test Failed	True	
Pending DTC	True	
DTC	62 22 00	
Confirmed DTC	True	
Test Failed This Operation Cycle	True	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	

Warning Indicator Requested	True	
Test Not Completed Since Last Clear	False	
Controller Event	No	
Mirror Memory	No	
Occurrence flag	Error	
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	
ABS control	Not Active	
ASR control	Not Active	
Rotation Direction Right Rear	Forward	
ESP Control	Not Active	
HBA control	Not Active	
HSA control	Not Active	
Hold	No	
Plant Mode	No	
Braking assistance system	No assistance system is braking	
EPB Mode Status	Limp Home	
BLS High	No	
Park Brake	Not Activated	
BLS Low	Yes	
ESP-OFF mode	No	
EBV control	Not Active	
MSR control	Not Active	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	N	
Transmission selector lever setting	P	
EPB Switch Status	Idle	
Status Parking Brake Left	Brake is in an Unknown State	
Status Parking Brake Right	Brake is in an Unknown State	
Original Odometer Value	0	miles
Frequency Counter	1	
Fault Time	0.00	S
Supply Voltage Valves	12.2	V
Ignition Cycle Counter	0	
Ignition Unfiltered	0.0	V
Most Recent Odometer Value	815	miles
Supply voltage Pump	10.0	V

Wheel Speed Left Front	0.000	MPH
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Right Rear	0.000	MPH
Brake Pedal Travel Sensor Position	0	%
Longitudinal Acceleration	0.00	m/s^2
Wheel Speed Right Front	0.000	MPH
Accelerator Pedal Position	0.0	%
Primary Circuit Pressure	0.00	PSI
Lateral Acceleration	0.00	m/s^2
Engine Speed	0.0	rpm
Steering Wheel Angle	0.00	°
Yaw Rate	0.000	°/s
Supplier Internal Code	140	

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Monitoring Cycle	False	
Test Not Completed This Monitoring Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Warning Indicator Requested	False	
Event Counter	Event counter for clear DTC memory	
DTCExtendedDataRecordNumber	Record \$01-\$8f	
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	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for B210D-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for P1C8B-16

No Snapshot Data available for P1C8C-16

No Snapshot Data available for U1817-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0594-00

No Snapshot Data available for C2129-16

No Snapshot Data available for C212A-84

No Snapshot Data available for B210D-84

No Snapshot Data available for B21DD-84

No Snapshot Data available for B210C-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B210C-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B224F-54

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B224F-54

No Snapshot Data available for B2199-16

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B222D-00

No Snapshot Data available for B210A-84

No Snapshot Data available for B210D-21

No Snapshot Data available for B1941-92

No Snapshot Data available for B1952-00

No Snapshot Data available for B21DD-16

No Snapshot Data available for B2199-16

No Snapshot Data available for B11C1-13

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for B1612-00

No Snapshot Data available for B275B-00

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0401-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0121-00

No Snapshot Data available for U0594-00

No Snapshot Data available for U0100-00

No Snapshot Data available for B21DD-16

No Snapshot Data available for B210C-16

No Snapshot Data available for B222A-00

No Snapshot Data available for C212A-16

No Snapshot Data available for P2689-00

No Snapshot Data available for B1208-11

No Snapshot Data available for B2199-16

No Snapshot Data available for C2129-16

No Snapshot Data available for C2227-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U148D-00

No Snapshot Data available for U0401-00

No Snapshot Data available for B210A-16

No Snapshot Data available for B280B-00

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for U1015-00

No Snapshot Data available for C008E-00

No Snapshot Data available for U0401-00

No Snapshot Data available for U0002-00

No Snapshot Data available for B210A-00

No Snapshot Data available for C211B-16

No Snapshot Data available for B210A-00

No Snapshot Data available for U0184-00

No Snapshot Data available for U11BB-00

No Snapshot Data available for B210D-00

No Snapshot Data available for U0011-00

No Snapshot Data available for U0010-00

No Snapshot Data available for U0293-00

No Snapshot Data available for P0562-00

No Snapshot Data available for U064C-00

No Snapshot Data available for U0594-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U0074-00

No Snapshot Data available for P167B-00

No Snapshot Data available for P1A0C-00

No Snapshot Data available for P0562-00

No Snapshot Data available for P062F-00

No Snapshot Data available for P079B-00

No Snapshot Data available for P0A7D-00

No Snapshot Data available for U0073-00

No Snapshot Data available for U0100-00

No Snapshot Data available for U11F8-00

No Snapshot Data available for U1818-00

No Snapshot Data available for U1852-00

No Snapshot Data available for U0074-00

No Snapshot Data available for B222D-00

No Snapshot Data available for U0011-00

No Snapshot Data available for B210A-84

No Snapshot Data available for B210D-21

No Snapshot Data available for B156D-00

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0485-00

No Snapshot Data available for U0422-00

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for P0562-00

No Snapshot Data available for C0021-00

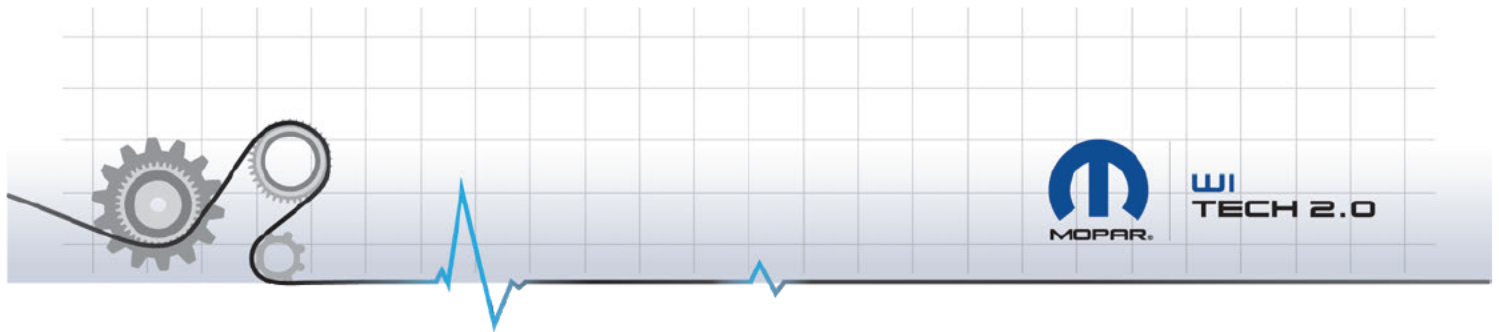
No Snapshot Data available for C2222-00

SGW | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold**Record 0**

NAME	VALUE	UNITS
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Test Not Completed This Monitoring Cycle	False	
Pending DTC	False	
Warning Indicator Requested	False	
DTC Snapshot Record Number	Record #1	
DTC Failure Type Byte	2F	
Confirmed DTC	True	
Key On Counter	330	
DTC Snapshot Record Number Of Identifiers	5	
Battery Voltage (+30)	8.90	V

Record 1

NAME	VALUE	UNITS
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Test Not Completed This Monitoring Cycle	False	
Pending DTC	False	
Warning Indicator Requested	False	
DTC Snapshot Record Number	Record #2	
DTC Failure Type Byte	2F	
Confirmed DTC	True	
Key On Counter	358	
DTC Snapshot Record Number Of Identifiers	5	
Battery Voltage (+30)	5.50	V



VEHICLE SCAN REPORT

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

Odometer 824.7 miles
Publication Date Oct 15, 2020, 3:10:39 PM

ECU SUMMARY INFO

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

ACC	Adaptive Cruise Control	CAN-C	04672758AB	2C4RC1N		2C4RC1N7		04672758AB
RADIO	Radio	CAN-I	68461768AA	2C4RC1		2C4RC1N7		68461768AA
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N		2C4RC1N7		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N		2C4RC1N7		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N7		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N7		04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N		2C4RC1N7		04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N		2C4RC1N7		68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N		2C4RC1N7		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD	2C4RC1N		2C4RC1N7		05193166AD
HCP	Hybrid Control Processor	CAN-C	05190265AF	2C4RC1N		2C4RC1N7		05190265AF
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N		2C4RC1N7		05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N		2C4RC1N7		68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N		2C4RC1N7		68316174AB
VRM	Video Routing Module	CAN-I	68376134AF	2C4RC1N		2C4RC1N7		68376134AF
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1N		2C4RC1N7		6WL30DX9AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N		2C4RC1N7		68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N		2C4RC1N7		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190266AF	2C4RC1N		2C4RC1N7		05190266AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1N		2C4RC1N7		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68461812AA	2C4RC1N		2C4RC1N7		68461812AA
SGW	Security Gateway Module	CAN-C	68447193AB			2C4RC1N7		68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	31D751B0
ICS	USA	0F 0C 00	11 16 00	4700	
RFH	USA / USA	10 17 00	13 09 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	11 1F 00	12 2B 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	

HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	11 2D 10	4001	
PSDMR	USA / USA	10 17 00	11 2D 10	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 02 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	13 27 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	0E 30 00	10 2B 00	4301	
BCM	USA	0D 11 00	13 0C 90	4415	
ACC	USA / USA	13 29 00	11 0D 00	4201	
RADIO	USA	13 1D 2A	13 1D 2A	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	11 2B 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1D 07	19 48 01	4005	6AE19B37 847169A3 31B4913E
OBCM	USA	0F 0D 00	11 2B 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	11 16 00	11 15 00	4000	
VRM	USA / USA	0F 1C 00	13 0C 10	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 32 01	12 33 00	4003	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1D 07	19 48 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	12 2E 1E	4201	73EEDB6B
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	P0113	Intake Air Temperature Sensor 1 Circuit High	Pending
PTS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Active
BCM	P2689-00	Fuel Supply Heater Control Circuit High-	Active

ACC	C2227-00	ABS Disabled ECU-	Active
HCP	P0480-00	Cooling Fan 1 Control Circuit/Open-	Active
HCP	P079B-00	Transmission Friction Element 2 Slip Detected-	Active
HCP	U1852-00	Implausible Data Received from ABS on D-PT-	Active
EBBM	U1852-00	Implausible Data Received from ABS on D-PT-	Active
ABSO	C0021-00	Brake Booster-	Active

ENVIRONMENTAL DATA SUMMARY

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

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

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

NAME	VALUE	UNITS
DTC	C4 15 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Pending DTC	True	
DTC Extended Data Record Number - All	03	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Original Odometer Value	815	miles
Frequency Counter	1	
DC/DC Converter Voltage	01	Volt
Most Recent Odometer Value	815	miles

BCM | P2689-00 | Active | Fuel Supply Heater Control Circuit High-

NAME	VALUE	UNITS
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Test Failed	True	
Test Failed This Operation Cycle	True	
Test Failed Since Last Clear	True	
Pending DTC	False	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	ERROR	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	01	
Original Odometer Value	815	miles
Ignition Cycle Counter	0	
Most Recent Odometer Value	815	miles
Frequency Counter	1	

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

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Failed	True	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	ERROR	
Test Failed Since Last Clear	False	
PRNDL Status	P range	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Frequency Counter	1	
Vehicle Speed	0	MPH
ACC Set Speed	0	MPH
Engine RPM	0	rpm
System Voltage	14.3	Volts
Operation Cycle Counter	0	
Engine Torque Request	SNA	Ft-Lbs
Ignition Voltage	14.0	
Object of Interest Distance	830	FEET

HCP | P0480-00 | Active | Cooling Fan 1 Control Circuit/Open-

NAME	VALUE	UNITS
DTC	04 80 00	
Pending DTC	True	
Test Failed This Operation Cycle	True	

Test Not Completed This Operation Cycle	False	
Test Failed	True	
Confirmed DTC	False	
Occurrence flag		
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	
Brake Switch Status		
Test Not Completed Since Last Clear	False	
PHEV Charging Status		
PRND Position Display		
Ignition State		
Propulsion System Active		
High Temperature Shut-Off Valve Status		
Chiller Shut-Off Valve Status		
Thermal System Enable State		
Front Refrigerant Shut-Off Valve Status		
Hybrid System State		
CBC Wake-Up Input		
Impact Event		
EPT LOC Diag Enable		
APM Status		
HV Contactor Status		
HCP System Shutdown Command		
OBCM Operating Mode		
J1772 Prox Detected State		
Frequency Counter		
Original Odometer Value		miles
Most Recent Odometer Value		miles
RAM stamps keyOn		sec
Accelerator Pedal Position		%
Real time clock		sec
Ignition Cycle Counter		
HV Battery SOC		%
A/C Refrigerant Pressure		PSI
Barometric Pressure		PSI
Electric Coolant Heater Temp Sensor		°F
RAM Stamps		Min
Motor B Temp Sensor		°F
Heater Core Coolant Temp Sensor		°F
Engine Coolant Temperature		°F
Engine Speed		rpm
Vehicle Speed		MPH
Motor A Temp Sensor		°F
High Temp Cabin Valve Feedback		degrees

Outside Air Temperature		°F
Passive Pump Coolant Temp In Sensor		°F
EAC Compressor Speed		rpm
HV Coolant Heater - Measured Coolant Outlet Temp		°F
HV Coolant Heater - Measured Coolant Inlet Temp		°F
Battery Feed Voltage 2 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Low Temp Passive Pump - Temperature		°F
Low Temp Active Pump - Temperature		°F
Radiator Fan Duty Cycle		%
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Actual Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Motor A - Inverter Current - phase A		AMP
Commanded Torque - Motor A		Ft-Lbs
Motor A - Inverter Current - phase C		AMP
Available Motor Torque - Motor A		Ft-Lbs
Motor B - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase A		AMP
Available Motor Torque - Motor B		Ft-Lbs
Motor A Resolver Angle		Degree
Battery Feed Voltage 1 Sense		Volts
Motor B Resolver Angle		Degree
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
HV Battery Voltage from BPCM		Volts
Motor B - Inverter Current - phase C		AMP
Motor A - Inverter Current - phase B		AMP
Electric Motor B Speed		rpm
Inverter A IGBT Temperature for phase A		°F
PIM DC Link Voltage - B		Volts
PIM DC Link Voltage - A		Volts
Inverter B IGBT Temperature for phase C		°F
Distance Travelled with Light ON		miles
Inverter A IGBT Temperature for phase C		°F
GPS Date - Day		Days
Electric Motor A Speed		rpm
Inverter B IGBT Temperature for phase A		°F
Inverter A IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase B		°F
UTC Time - Minutes		
ECU Time - Milliseconds		ms
UTC Time - Seconds		seconds

UTC Time - Hours		Hours
GPS Date - Month		
HV Battery Sleep Time		Days
Motor B Torque		Ft-Lbs
Motor A Torque		Ft-Lbs
GPS Date - Year		Year

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

NAME	VALUE	UNITS
Test Failed This Operation Cycle	True	
DTC	07 9B 00	
Test Failed	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Pending DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Propulsion System Active	False	
PRND Position Display	P	
Ignition State	Reserved	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
APM Status	Buck CV	
Impact Event	False	
HV Contactor Status	Closed	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Inverters Enabled	
PHEV Charging Status	No Charging	
Original Odometer Value	824.7	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
RAM Stamps	1105	Min
RAM stamps keyOn	420	sec
Most Recent Odometer Value	824.7	miles
Real time clock	25103820	sec
Accelerator Pedal Position	0	%

Engine Speed	0	rpm
Motor B Temp Sensor	82	°F
Vehicle Speed	0.0000	MPH
HV Battery SOC	52	%
Engine Coolant Temperature	84	°F
Motor A Temp Sensor	82	°F
Motor A Torque	0.000	Ft-Lbs
Barometric Pressure	15	PSI
Internal EPS Voltage Sense A	8.208	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Internal EPS Voltage Sense B	8.136	Volts
Motor B Torque	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase C	0	AMP
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase B	0	AMP
Motor B Resolver Angle	204	Degree
Electric Motor A Speed	0.0	rpm
Motor A - Inverter Current - phase B	0	AMP
Motor A Resolver Angle	252	Degree
PIM DC Link Voltage - A	353	Volts
Motor B - Inverter Current - phase C	0	AMP
Electric Motor B Speed	0.5	rpm
PIM DC Link Voltage - B	353	Volts
HV Battery Voltage from BPCM	352.90	Volts
HV Battery Sleep Time	1	Days
Outside Air Temperature	91.4	°F
Battery Feed Voltage 1 Sense	14.328	Volts
Battery Feed Voltage 2 Sense	14.400	Volts
Battery Feed Voltage 3 Sense	14.256	Volts
Inverter A IGBT Temperature for phase A	84	°F
Inverter A IGBT Temperature for phase C	84	°F
Inverter A IGBT Temperature for phase B	84	°F
Inverter B IGBT Temperature for phase A	84	°F
Inverter B IGBT Temperature for phase C	86	°F
GPS Date - Month	1	
Distance Travelled with Light ON	0	miles

GPS Date - Day	1	Days
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms
UTC Time - Minutes	0	
Inverter B IGBT Temperature for phase B	84	°F
UTC Time - Hours	0	Hours
GPS Date - Year	0	Year

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

NAME	VALUE	UNITS
Pending DTC	True	
Test Failed	True	
Confirmed DTC	True	
Test Failed This Operation Cycle	True	
Test Not Completed This Operation Cycle	False	
DTC	D8 52 00	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
PRND Position Display	P	
Propulsion System Active	True	
Ignition State	Reserved	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
APM Status	Buck CV	
HV Contactor Status	Closed	
Impact Event	False	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Hybrid System State	Propulsion System Active	
PHEV Charging Status	No Charging	
Original Odometer Value	824.7	miles
Real time clock	25103846	sec
Most Recent Odometer Value	824.7	miles
Ignition Cycle Counter	0	
Frequency Counter	1	
RAM stamps keyOn	435	sec
HV Battery SOC	52	%

Accelerator Pedal Position	0	%
Vehicle Speed	0.0000	MPH
Engine Speed	0	rpm
RAM Stamps	1106	Min
Motor A Temp Sensor	82	°F
Motor B Temp Sensor	82	°F
Internal EPS Voltage Sense A	8.208	Volts
Motor A Torque	0.000	Ft-Lbs
Barometric Pressure	15	PSI
Internal EPS Voltage Sense B	8.136	Volts
Actual Torque - Motor B	-23.138	Ft-Lbs
Motor B Torque	-23.138	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Engine Coolant Temperature	84	°F
Available Motor Torque - Motor A	87.205	Ft-Lbs
Commanded Torque - Motor B	-23.046	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Available Motor Torque - Motor B	232.301	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor B Resolver Angle	204	Degree
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase B	4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A Resolver Angle	252	Degree
Electric Motor B Speed	0.5	rpm
HV Battery Voltage from BPCM	353.00	Volts
PIM DC Link Voltage - A	353	Volts
Outside Air Temperature	91.4	°F
PIM DC Link Voltage - B	353	Volts
HV Battery Sleep Time	1	Days
Electric Motor A Speed	0.0	rpm
Battery Feed Voltage 1 Sense	14.328	Volts
Battery Feed Voltage 2 Sense	14.328	Volts
Inverter B IGBT Temperature for phase B	93	°F
Battery Feed Voltage 3 Sense	14.256	Volts
Inverter B IGBT Temperature for phase C	91	°F
Inverter A IGBT Temperature for phase A	86	°F
Inverter B IGBT Temperature for phase A	86	°F
Inverter A IGBT Temperature for phase B	86	°F
Inverter A IGBT Temperature for phase C	86	°F

Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	

EBBM | U1852-00 | Active | Implausible Data Received from ABS on D-PT-

NAME	VALUE	UNITS
DTC	D8 52 00	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Failed This Operation Cycle	True	
Warning Indicator Requested	True	
Test Failed	True	
Occurrence flag	ERROR	
Mirror Memory	No	
Brake Pedal Applied	brake pedal not applied	
Undervoltage Suspected	No	
iBooster Brake Pedal State	brake pedal not applied	
iBooster System Mode	Diagnostic Mode - iBooster is in Diagnostic Mode	
Original Odometer Value	815	miles
Most Recent Odometer Value	815	miles
Pedal Travel Sensor Supply	5.0	V
Ignition Cycle Counter	0	
Ignition	12.1	V
Booster Supply	12.2	V
iBooster ECU Temperature Channel 2	99.6406	°F
Frequency Counter	1	
Fault Time	6.80	S
iBooster ECU Temperature Channel 1	100.2313	°F
iBooster Boost Body Stroke	-4.18	mm_
iBooster Output Rod Stroke	9.54	mm_
ESP Master Cylinder Pressure	8.56	PSI
iBooster Rotary Position Sensor	0.00	Deg
iBooster Input Rod Stroke	9.60	mm_
ECU Supply	12.1	V
Pedal Travel Sensor Two	9.5701900	mm_
Pedal Travel Sensor One	9.4998784	mm_

Supplier Internal Code	221	
Vehicle Speed	0.00	MPH

ABS0 | C0021-00 | Active | Brake Booster-

NAME	VALUE	UNITS
Test Failed	True	
Pending DTC	True	
Test Failed This Operation Cycle	True	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	False	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
DTC	40 21 00	
Current System Mode	Ignition Run	
Warning Indicator Requested	True	
System Condition	OK	
Previous System Mode	Ignition Run	
Brake Pedal Status	Pressed	
Occurrence flag	ERROR	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ASR control	Not active	
ABS control	Not active	
MSR control	Not active	
EBV control	Not active	
ESP Control	Not active	
HSA control	Not active	
HBA control	Not active	
Hold	No	
Plant Mode	No	
Braking assistance system	No Assistance System Is Braking	
BLS Low	No	
BLS High	Yes	
ESP-OFF mode	No	
Park Brake	Not Activated	
Clutch	Not Activated	
EPB Mode Status	Static	
Transmission selector lever setting	P	
Actual Gear	P	

Status Parking Brake Left	Brake is Released	
Status Parking Brake Right	Brake is Released	
EPB Switch Status	Idle	
Stop Coordinator Active	No	
Most Recent Odometer Value	815	miles
Supply Voltage Valves	14.3	V
Original Odometer Value	815	miles
Frequency Counter	1	
Ignition Unfiltered	14.3	V
Ignition Cycle Counter	0	
Fault Time	470.40	S
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Supply voltage Pump	14.4	V
Brake Pedal Travel Sensor Position	0	%
Yaw Rate	0.000	°/s
Lateral Acceleration	0.00	m/s^2
Wheel Speed Left Rear	0.000	MPH
Accelerator Pedal Position	0.0	%
Engine Speed	0.0	rpm
Longitudinal Acceleration	0.22	m/s^2
Supplier Internal Code	565	
Primary Circuit Pressure	0.00	PSI
Wheel Speed Right Rear	0.000	MPH
Steering Wheel Angle	0.00	°

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0113

No Snapshot Data available for U0415-00

No Snapshot Data available for P2689-00

No Snapshot Data available for C2227-00

No Snapshot Data available for P0480-00

No Snapshot Data available for P079B-00

No Snapshot Data available for U1852-00

No Snapshot Data available for U1852-00

No Snapshot Data available for C0021-00