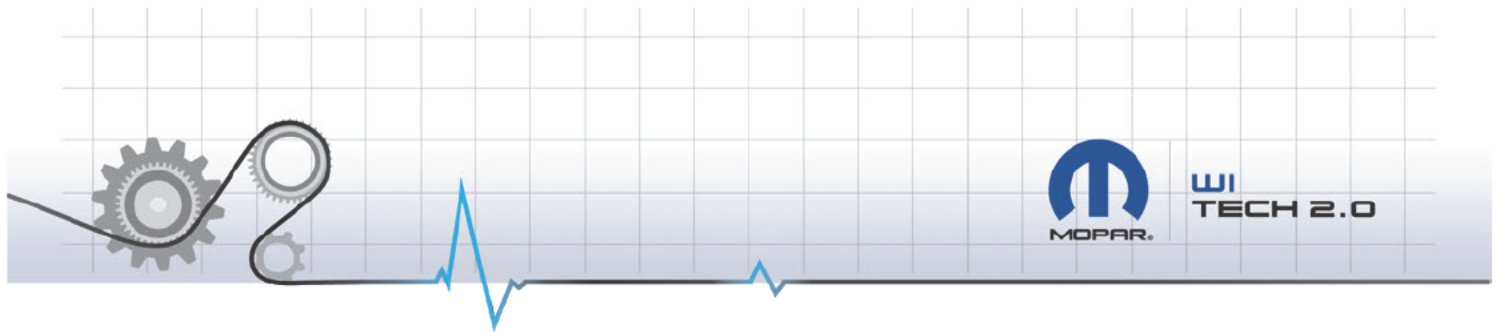


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VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1S78 [REDACTED]

Odometer 376.0 miles
Publication Date Feb 24, 2021, 3:49:41 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	ORIGINAL V	PART #
PCM	Powertrain Control Module	CAN-C	68499122AD	2C4RC1S78	2C4RC1S78	68499122AD
PLGM	Power Liftgate	CAN-I	68466171AF	2C4RC1S78	—	68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1S78	2C4RC1S78	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1S78	2C4RC1S78	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1S78	2C4RC1S78	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1S78	2C4RC1S78	68480710AC
EPS	Electric Power Steering	CAN-C				
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1S78	2C4RC1S78	68493454AE
DDM	Driver Door Module	CAN-I	68496461AB	2C4RC1S78	2C4RC1S78	68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB	2C4RC1S78	2C4RC1S78	68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1S78	2C4RC1S78	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1S78	2C4RC1S78	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1S78	2C4RC1S78	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1S78	2C4RC1S78	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1S78	2C4RC1S78	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB	2C4RC1S78	2C4RC1S78	68517013AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1S78	2C4RC1S78	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1S78	2C4RC1S78	68434960AE
PTS	Parktronics	CAN-C				
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1S78	2C4RC1S78	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1S78	2C4RC1S78	68491085AG

ACC	Adaptive Cruise Control	CAN-C				
RADIO	Radio	CAN-I	68465292AC	2C4RC1S78	2C4RC1S78	8702033
OCM	Occupant Classification	CAN-C				
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1S78	2C4RC1S78	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S78	2C4RC1S78	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S78	2C4RC1S78	04672786AB
FFCM	Forward Facing Camera Module	CAN-C				
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1S78	2C4RC1S78	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE	2C4RC1S78	2C4RC1S78	05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AF	2C4RC1S78	2C4RC1S78	05185116AF
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1S78	2C4RC1S78	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1S78	2C4RC1S78	68321862AC
DSM	Display Screen Module	CAN-I	68437339AD	2C4RC1S78	2C4RC1S78	68437339AD
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA	2C4RC1S78	2C4RC1S78	6WL30PD2AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1S78	2C4RC1S78	56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1S78	2C4RC1S78	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AF	2C4RC1S78	2C4RC1S78	05185117AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1S78	2C4RC1S78	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1S78	2C4RC1S78	68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		2C4RC1S78	68488429AB
TBM2	Telematic Box Module 2	CAN-C	52199750	2C4RC1S78	2C4RC1S78	68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	75 00 01	4422	
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS					

HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS					
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC					
RADIO		65	5175	000200000008	
OCM					
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					
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	
HCP	USA	11 1F 04	0F 2D 00	4006	FE120BB2 29C5A4AB 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	
TBM2	USA	13 0E 02	14 2A 5C	4104	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HVAC	B10EB-00	Blower Power Module-	Stored
IPC	U0159-00	Lost Communication With Parking Assist Control Module-	Active
IPC	U1215-00	Lost Communication with Forward Facing Camera-	Active
IPC	U0131-00	Lost Communication With Power Steering Control Module "A"-	Active
IPC	U1216-00	Lost Communication with Driver Assistance System Module-	Active

BCM	U11E8-00	Lost Communication with EPS Steering Torque Message-	Active
BCM	U0159-00	Lost Communication With Parking Assist Control Module-	Active
BCM	U1216-00	Lost Communication with Driver Assistance System Module-	Active
BCM	U1215-00	Lost Communication with Forward Facing Camera-	Active
BCM	U151A-87	Hybrid Control Processor Secret Code-Missing Message	Active
BCM	U1514-87	Engine Controller Secret Code-Missing Message	Active
HCP	P0513-00	Invalid SKIM Key-	Active
HCP	U0100-00	Lost Communication With ECM/PCM "A"-	Stored
HCP	U0151-00	Lost Communication with Occupant Restraint Controller (ORC)-	Stored
HCP	U1818-00	Lost Communication With ECM/PCM on D-PT CAN-	Active
HCP	U1830-00	Lost Communication with ORC on D-PT-	Stored
EBBM	C211B-00	Ignition Run/Start Input-	Stored
ABSO	C211B-00	Ignition Run/Start Input-	Stored
TBM2	U0452-64	Implausible Data Received From Restraints Control Module-Signal Plausibility Failure	Active

ENVIRONMENTAL DATA SUMMARY

HVAC | B10EB-00 | Stored | Blower Power Module-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	True	
Test Failed	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Pending DTC	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
Frequency Counter	1	
Ignition Cycle Counter	1	
Most Recent Odometer Value	368	miles
Original Odometer Value	368	miles

IPC | U0159-00 | Active | Lost Communication With Parking Assist Control Module-

NAME	VALUE	UNITS
Test Failed	True	
Test Failed This Operation Cycle	True	
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	Error	
Original Odometer Value	368	miles
Ignition Cycle Counter	0	
Frequency Counter	1	
Most Recent Odometer Value	368	miles

IPC | U1215-00 | Active | Lost Communication with Forward Facing Camera-

NAME	VALUE	UNITS
Test Failed	True	
Test Failed This Operation Cycle	True	
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	Error	
Original Odometer Value	368	miles
Most Recent Odometer Value	368	miles
Frequency Counter	1	
Ignition Cycle Counter	0	

IPC | U0131-00 | Active | Lost Communication With Power Steering Control Module "A"-

NAME	VALUE	UNITS
Test Failed	True	
Pending DTC	False	
Test Failed This Operation Cycle	True	
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	FF	
Warning Indicator Requested	True	
Occurrence flag	Error	
Original Odometer Value	368	miles
Most Recent Odometer Value	368	miles
Frequency Counter	1	
Ignition Cycle Counter	0	

IPC | U1216-00 | Active | Lost Communication with Driver Assistance System Module-

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

Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	FF	
Warning Indicator Requested	False	
Occurrence flag	Error	
Most Recent Odometer Value	368	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Original Odometer Value	368	miles

BCM | U11E8-00 | Active | Lost Communication with EPS Steering Torque Message-

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	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	368	miles
Most Recent Odometer Value	368	miles
Frequency Counter	1	
Ignition Cycle Counter	0	

BCM | U0159-00 | Active | Lost Communication With Parking Assist Control Module-

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	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	368	miles
Most Recent Odometer Value	368	miles

Frequency Counter	1	
Ignition Cycle Counter	0	

BCM | U1216-00 | Active | Lost Communication with Driver Assistance System Module-

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	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
Occurrence flag	Error	
DTC Extended Data Record Number - All	01	
Original Odometer Value	368	miles
Most Recent Odometer Value	368	miles
Ignition Cycle Counter	0	
Frequency Counter	1	

BCM | U1215-00 | Active | Lost Communication with Forward Facing Camera-

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	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	368	miles
Most Recent Odometer Value	368	miles
Ignition Cycle Counter	0	
Frequency Counter	1	

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

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

Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	368	miles
Most Recent Odometer Value	368	miles
Frequency Counter	1	
Ignition Cycle Counter	0	

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

NAME	VALUE	UNITS
Test Failed	True	
Test Failed This Operation Cycle	True	
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	Error	
Original Odometer Value	368	miles
Most Recent Odometer Value	368	miles
Ignition Cycle Counter	0	
Frequency Counter	1	

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

NAME	VALUE	UNITS
DTC	05 13 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	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	

CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_21B_2007B0_RU_HCP___	
HCP SW Version	21B	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	High Voltage Enabled	
PHEV Charging Status	No Charging	
Original Odometer Value	375.9	miles
Most Recent Odometer Value	375.9	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
RAM stamps keyOn	5250	sec
Accelerator Pedal Position	0	%
RAM Stamps	6767	Min
Engine Speed	0	rpm
Real time clock	7253769	sec
Vehicle Speed	0.0000	MPH
HV Battery SOC	24	%
Motor A Temp Sensor	138	°F
Motor B Temp Sensor	162	°F
Engine Coolant Temperature	176	°F
Internal EPS Voltage Sense A	8.136	Volts
Barometric Pressure	15	PSI
Internal EPS Voltage Sense B	8.064	Volts
Motor A Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Regen 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
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase A	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 Resolver Angle	282	Degree
Motor B - Inverter Current - phase C	0	AMP
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	342	Volts
Motor A Resolver Angle	170	Degree
HV Battery Voltage from BPCM	340.20	Volts
Outside Air Temperature	67.1	°F
HV Battery Sleep Time	0	Days
PIM DC Link Voltage - B	339	Volts
Battery Feed Voltage 3 Sense	12.456	Volts
Battery Feed Voltage 2 Sense	12.456	Volts
Battery Feed Voltage 1 Sense	12.384	Volts
Inverter A IGBT Temperature for phase A	111	°F
Inverter A IGBT Temperature for phase C	109	°F
Inverter A IGBT Temperature for phase B	111	°F
Inverter B IGBT Temperature for phase A	111	°F
Inverter B IGBT Temperature for phase B	111	°F
Inverter B IGBT Temperature for phase C	109	°F
GPS Date - Year	2021	Year
Distance Travelled with Light ON	0	miles
UTC Time - Hours	19	Hours
GPS Date - Day	24	Days
GPS Date - Month	2	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	1000	ms
UTC Time - Minutes	27	

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

NAME	VALUE	UNITS
Test Failed	False	
DTC	C1 00 00	
Pending DTC	True	
Test Failed This Operation Cycle	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	Off	
HCP SW Version	21B	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Idle	
Impact Event	False	
SW Build Release Version	PIM_21B_2007B0_RU_HCP__	
OBCM Operating Mode	Idle	
J1772 Prox Detected State	Prox Detected	
Hybrid System State	Enable Inverters	
PHEV Charging Status	No Charging	
Original Odometer Value	322.9	miles
Most Recent Odometer Value	376.0	miles
Frequency Counter	255	
Ignition Cycle Counter	0	
Real time clock	7258265	sec
RAM stamps keyOn	1440	sec
Accelerator Pedal Position	0	%
RAM Stamps	6836	Min
HV Battery SOC	24	%
Engine Speed	0	rpm
Motor A Temp Sensor	118	°F
Vehicle Speed	0.0000	MPH
Barometric Pressure	15	PSI
Motor B Temp Sensor	124	°F
Internal EPS Voltage Sense A	8.208	Volts
Engine Coolant Temperature	176	°F
Motor A Torque	0.000	Ft-Lbs
Internal EPS Voltage Sense B	8.136	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor 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 C	0	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	-4	AMP

Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B Resolver Angle	38	Degree
Motor A Resolver Angle	16	Degree
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	342	Volts
PIM DC Link Voltage - B	338	Volts
Electric Motor A Speed	1.0	rpm
Outside Air Temperature	65.3	°F
HV Battery Sleep Time	0	Days
HV Battery Voltage from BPCM	340.20	Volts
Battery Feed Voltage 1 Sense	12.096	Volts
Battery Feed Voltage 2 Sense	12.168	Volts
Battery Feed Voltage 3 Sense	12.168	Volts
Inverter A IGBT Temperature for phase B	120	°F
Inverter A IGBT Temperature for phase A	120	°F
Inverter A IGBT Temperature for phase C	120	°F
Inverter B IGBT Temperature for phase C	118	°F
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase A	120	°F
GPS Date - Year	2021	Year
Inverter B IGBT Temperature for phase B	120	°F
GPS Date - Month	2	
GPS Date - Day	24	Days
UTC Time - Minutes	42	
UTC Time - Hours	20	Hours
ECU Time - Milliseconds	138	ms
UTC Time - Seconds	0	seconds

HCP | U0151-00 | Stored | Lost Communication with Occupant Restraint Controller (ORC)-

NAME	VALUE	UNITS
DTC	C1 51 00	
Test Failed This Operation Cycle	True	
Test Failed	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	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Ignition Off/ACC	
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	PIM_21B_2007B0_RU_HCP__	
HCP SW Version	21B	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Idle	
Impact Event	False	
J1772 Prox Detected State	Prox Detected	
OBCM Operating Mode	Idle	
Hybrid System State	Enable Inverters	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	376.0	miles
Frequency Counter	11	
Original Odometer Value	375.9	miles
Ignition Cycle Counter	0	
Real time clock	7258220	sec
RAM stamps keyOn	1395	sec
Accelerator Pedal Position	0	%
RAM Stamps	6836	Min
HV Battery SOC	24	%
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	118	°F
Motor B Temp Sensor	124	°F
Barometric Pressure	15	PSI
Internal EPS Voltage Sense A	8.208	Volts
Engine Coolant Temperature	176	°F
Actual Torque - Motor A	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Internal EPS Voltage Sense B	8.136	Volts
Available Motor Torque - Motor A	87.205	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
Actual Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	0	AMP
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase A	-4	AMP

Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	38	Degree
Electric Motor A Speed	1.0	rpm
Motor A Resolver Angle	16	Degree
Electric Motor B Speed	0.5	rpm
PIM DC Link Voltage - A	342	Volts
PIM DC Link Voltage - B	338	Volts
HV Battery Sleep Time	0	Days
Battery Feed Voltage 2 Sense	12.168	Volts
HV Battery Voltage from BPCM	340.20	Volts
Battery Feed Voltage 3 Sense	12.168	Volts
Battery Feed Voltage 1 Sense	12.096	Volts
Outside Air Temperature	65.3	°F
Inverter A IGBT Temperature for phase B	117	°F
Inverter A IGBT Temperature for phase C	117	°F
Inverter A IGBT Temperature for phase A	117	°F
Inverter B IGBT Temperature for phase C	115	°F
Inverter B IGBT Temperature for phase A	117	°F
Inverter B IGBT Temperature for phase B	117	°F
Distance Travelled with Light ON	0	miles
GPS Date - Month	2	
GPS Date - Year	2021	Year
GPS Date - Day	24	Days
UTC Time - Seconds	0	seconds
UTC Time - Hours	20	Hours
UTC Time - Minutes	41	
ECU Time - Milliseconds	888	ms

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

NAME	VALUE	UNITS
DTC	D8 18 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	N	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIM_21B_2007B0_RU_HCP__	
HCP SW Version	21B	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	UTC	
EPT LOC Diag Enable	Enable LOC Diagnostic	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	322.9	miles
Most Recent Odometer Value	375.9	miles
Frequency Counter	2	
Ignition Cycle Counter	0	
Real time clock	7253511	sec
Accelerator Pedal Position	0	%
RAM Stamps	6763	Min
RAM stamps keyOn	4995	sec
Engine Speed	0	rpm
HV Battery SOC	24	%
Vehicle Speed	18.1071	MPH
Motor A Temp Sensor	142	°F
Motor B Temp Sensor	174	°F
Engine Coolant Temperature	176	°F
Internal EPS Voltage Sense B	8.064	Volts
Motor B Torque	0.000	Ft-Lbs
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
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.113	Ft-Lbs
Available Motor Torque - Motor B	235.988	Ft-Lbs
Available Regen Torque - Motor A	-87.113	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Available Regen Torque - Motor B	-235.988	Ft-Lbs
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
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	286	Degree
Motor A Resolver Angle	200	Degree
Electric Motor A Speed	-2465.5	rpm
Electric Motor B Speed	2004.5	rpm
PIM DC Link Voltage - A	290	Volts
PIM DC Link Voltage - B	287	Volts
HV Battery Voltage from BPCM	288.20	Volts
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	13.032	Volts
Outside Air Temperature	60.8	°F
Battery Feed Voltage 2 Sense	13.104	Volts
Inverter A IGBT Temperature for phase A	93	°F
Battery Feed Voltage 3 Sense	13.032	Volts
Inverter A IGBT Temperature for phase B	91	°F
Inverter A IGBT Temperature for phase C	93	°F
Inverter B IGBT Temperature for phase B	93	°F
Inverter B IGBT Temperature for phase A	93	°F
Inverter B IGBT Temperature for phase C	93	°F
Distance Travelled with Light ON	0	miles
GPS Date - Year	2021	Year
GPS Date - Month	2	
GPS Date - Day	24	Days
UTC Time - Hours	19	Hours
UTC Time - Minutes	23	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	119	ms

HCP | U1830-00 | Stored | Lost Communication with ORC on D-PT-

NAME	VALUE	UNITS
DTC	D8 30 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	
Occurrence flag	Occurrence	
Warning Indicator Requested	False	
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	
HCP SW Version	21B	
SW Build Release Version	PIM_21B_2007B0_RU_HCP__	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	Idle	
J1772 Prox Detected State	Prox Detected	
Hybrid System State	Enable Inverters	
PHEV Charging Status	No Charging	
Original Odometer Value	375.9	miles
Most Recent Odometer Value	376.0	miles
Frequency Counter	12	
Ignition Cycle Counter	0	
Real time clock	7258222	sec
RAM stamps keyOn	1395	sec
RAM Stamps	6836	Min
Accelerator Pedal Position	0	%
HV Battery SOC	24	%
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	118	°F
Motor B Temp Sensor	124	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	176	°F
Internal EPS Voltage Sense B	8.136	Volts
Internal EPS Voltage Sense A	8.208	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	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
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	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	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B Resolver Angle	38	Degree
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor A Resolver Angle	16	Degree
Electric Motor A Speed	0.5	rpm
Electric Motor B Speed	0.5	rpm
PIM DC Link Voltage - A	342	Volts
PIM DC Link Voltage - B	338	Volts
Outside Air Temperature	65.3	°F
Battery Feed Voltage 1 Sense	12.096	Volts
HV Battery Sleep Time	0	Days
HV Battery Voltage from BPCM	340.20	Volts
Battery Feed Voltage 2 Sense	12.168	Volts
Battery Feed Voltage 3 Sense	12.168	Volts
Inverter A IGBT Temperature for phase A	117	°F
Inverter A IGBT Temperature for phase C	117	°F
Inverter A IGBT Temperature for phase B	117	°F
Inverter B IGBT Temperature for phase C	117	°F
Inverter B IGBT Temperature for phase A	117	°F
Inverter B IGBT Temperature for phase B	117	°F
GPS Date - Year	2021	Year
Distance Travelled with Light ON	0	miles
GPS Date - Month	2	
UTC Time - Hours	20	Hours
GPS Date - Day	24	Days
UTC Time - Minutes	41	
ECU Time - Milliseconds	238	ms
UTC Time - Seconds	1	seconds

EBBM | C211B-00 | Stored | Ignition Run/Start Input-

NAME	VALUE	UNITS
DTC	61 1B 00	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Failed This Operation Cycle	True	
Mirror Memory	No	
Undervoltage Suspected	No	

Warning Indicator Requested	False	
Occurrence flag	Error	
iBooster Brake Pedal State	Brake Pedal Applied	
iBooster System Mode	Actuated Mode - iBooster is actually providing a support force	
Brake Pedal Applied	Brake Pedal Applied	
Most Recent Odometer Value	368	miles
Fault Time	13107.00	S
ECU Supply	12.1	V
Original Odometer Value	368	miles
Ignition	12.1	V
Booster Supply	12.1	V
Pedal Travel Sensor Two	15.6814399	mm_
Ignition Cycle Counter	0	
Frequency Counter	2	
iBooster Rotary Position Sensor	FFFF	Deg
Pedal Travel Sensor One	15.6404248	mm_
iBooster Output Rod Stroke	15.78	mm_
iBooster Input Rod Stroke	15.70	mm_
iBooster Boost Body Stroke	15.74	mm_
iBooster ECU Temperature Channel 2	92.1875	°F
Vehicle Speed	0.00	MPH
ESP Master Cylinder Pressure	604.52	PSI
Pedal Travel Sensor Supply	5.0	V
iBooster ECU Temperature Channel 1	93.0594	°F
Supplier Internal Code	140	

ABSO | C211B-00 | Stored | Ignition Run/Start Input-

NAME	VALUE	UNITS
DTC	61 1B 00	
Pending DTC	True	
Confirmed DTC	True	
Test Failed	False	
Test Failed This Operation Cycle	True	
Warning Indicator Requested	False	
Test Failed Since Last Clear	False	
Test Not Completed Since Last Clear	False	
Undervoltage Suspected	No	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Error	
Mirror Memory	No	
Controller Event	No	
Current System Mode	Ignition Start	
Brake Pedal Status	Pressed	
Previous System Mode	Ignition Start	

System Condition	OK	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Left Front	Forward	
Rotation Direction Right Rear	Forward	
ABS control	Not Active	
ASR control	Not Active	
EBV control	Not Active	
ESP Control	Not Active	
MSR control	Not Active	
HBA control	Not Active	
Hold	No	
HSA control	Not Active	
Braking assistance system	No assistance system is braking	
Plant Mode	No	
EPB Mode Status	Static	
BLS High	Yes	
BLS Low	No	
Park Brake	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 Fully Applied	
Status Parking Brake Right	Brake is Fully Applied	
EPB Switch Status	Idle	
Fault Time	13107.00	S
Original Odometer Value	368	miles
Most Recent Odometer Value	368	miles
Supply Voltage Valves	12.2	V
Frequency Counter	2	
Supply voltage Pump	12.2	V
Brake Pedal Travel Sensor Position	93	%
Ignition Unfiltered	0.0	V
Wheel Speed Right Rear	0.000	MPH
Ignition Cycle Counter	0	
Wheel Speed Left Front	0.000	MPH
Longitudinal Acceleration	0.22	m/s^2
Wheel Speed Left Rear	0.000	MPH
Lateral Acceleration	-0.22	m/s^2
Wheel Speed Right Front	0.000	MPH
Accelerator Pedal Position	0.0	%
Engine Speed	0.0	rpm

Primary Circuit Pressure	593.93	PSI
Supplier Internal Code	330	
Steering Wheel Angle	-102.40	°
Yaw Rate	0.000	°/s

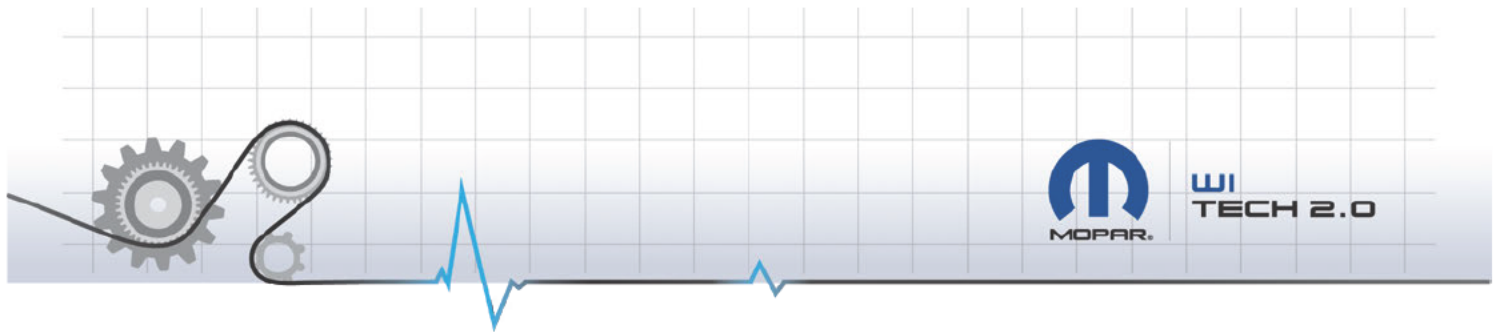
TBM2 | U0452-64 | Active | Implausible Data Received From Restraints Control Module-Signal Plausibility Failure

NAME	VALUE	UNITS
DTC	C4 52 64	
Test Failed	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Pending DTC	True	
DTC Extended Data Record Number - All	01	
Confirmed DTC	True	
Test Failed This Operation Cycle	True	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Frequency Counter	1	

SNAPSHOT DATA SUMMARY

- No Snapshot Data available for B10EB-00
- No Snapshot Data available for U0159-00
- No Snapshot Data available for U1215-00
- No Snapshot Data available for U0131-00
- No Snapshot Data available for U1216-00
- No Snapshot Data available for U11E8-00
- No Snapshot Data available for U0159-00
- No Snapshot Data available for U1216-00
- No Snapshot Data available for U1215-00
- No Snapshot Data available for U151A-87
- No Snapshot Data available for U1514-87
- No Snapshot Data available for P0513-00
- No Snapshot Data available for U0100-00
- No Snapshot Data available for U0151-00
- No Snapshot Data available for U1818-00
- No Snapshot Data available for U1830-00
- No Snapshot Data available for C211B-00
- No Snapshot Data available for C211B-00

No Snapshot Data available for U0452-64



CONFIGURATION REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1S78 [REDACTED]

Odometer 376.0 miles
Publication Date Feb 24, 2021, 3:50:20 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT		ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68499122AD	2C4RC1S7		2C4RC1S7	68499122AD
PLGM	Power Liftgate	CAN-I	68466171AF	2C4RC1S7		—	68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1S7		2C4RC1S7	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1S7		2C4RC1S7	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1S7		2C4RC1S7	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1S7		2C4RC1S7	68480710AC
EPS	Electric Power Steering	CAN-C					
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1S7		2C4RC1S7	68493454AE
DDM	Driver Door Module	CAN-I	68496461AB	2C4RC1S7		2C4RC1S7	68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB	2C4RC1S7		2C4RC1S7	68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1S7		2C4RC1S7	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1S7		2C4RC1S7	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1S7		2C4RC1S7	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1S7		2C4RC1S7	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1S7		2C4RC1S7	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB	2C4RC1S7		2C4RC1S7	68517013AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1S7		2C4RC1S7	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1S7		2C4RC1S7	68434960AE
PTS	Parktronics	CAN-C					
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1S7		2C4RC1S7	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1S7		2C4RC1S7	68491085AG

ACC	Adaptive Cruise Control	CAN-C					
RADIO	Radio	CAN-I	68465292AC	2C4RC1S7		2C4RC1S7	8702033
OCM	Occupant Classification	CAN-C					
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1S7		2C4RC1S7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S7		2C4RC1S7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S7		2C4RC1S7	04672786AB
FFCM	Forward Facing Camera Module	CAN-C					
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1S7		2C4RC1S7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE	2C4RC1S7		2C4RC1S7	05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AF	2C4RC1S7		2C4RC1S7	05185116AF
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1S7		2C4RC1S7	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1S7		2C4RC1S7	68321862AC
DSM	Display Screen Module	CAN-I	68437339AD	2C4RC1S7		2C4RC1S7	68437339AD
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA	2C4RC1S7		2C4RC1S7	6WL30PD2AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1S7		2C4RC1S7	56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1S7		2C4RC1S7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AF	2C4RC1S7		2C4RC1S7	05185117AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1S7		2C4RC1S7	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1S7		2C4RC1S7	68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB			2C4RC1S7	68488429AB
TBM2	Telematic Box Module 2	CAN-C	52199750	2C4RC1S7		2C4RC1S7	68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	75 00 01	4422	
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS					

HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS					
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC					
RADIO		65	5175	000200000008	
OCM					
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					
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	
HCP	USA	11 1F 04	0F 2D 00	4006	FE120BB2 29C5A4AB 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	
TBM2	USA	13 0E 02	14 2A 5C	4104	

CONFIGURATION

PCM CONFIGURATION

NAME	VALUE	UNITS
Secondary Mass Airflow Sensor Equipped	—	
Active Exhaust Pressure Sensor Equipped	—	
Active Exhaust Valve(s) Equipped	—	
Electronic Parking Brake Equipped	—	

Heater Temp Control Valve Equipped	—	
Wastegate HBridge Equipped	—	
Aux Coolant Pump Heater Equipped	—	
Mechanical Coolant Pump Equipped	—	
High Side Port Tumble Valve Equipped	—	
Direct Injection Equipped	—	
Brake Pedal Sensor Equipped	—	
Active Engine Mount Equipped	—	
SRV Equipped	—	
Clutch Interlock Switch Equipped	—	
Mechanical Coolant Pump Heater Equipped	—	
2.0 Liter W14 engine	—	
Transmission Software Included	—	
Sensorless FFV Enabled	—	
TIP Equipped	—	
5.7 Liter V8 Engine	—	
62TE	—	
Adaptive Cruise Control Hardware Equipped	—	
MDS Equipped	—	
Electric Thermostat Heater Equipped	—	
Rear Heater Equipped	—	
Unleaded Gasoline Fuel	—	
Knock Sensor 2 Equipped	—	
ETC Cruise equipped	—	
3.8 Liter V6 Engine	—	
ZF 9-Speed Transmission Equipped	—	
AC Equipped Over Bus	—	
VLP Is Learnable Indicator	—	
Power Steering Switch Equipped	—	
Primary Lin Alternator Equipped	—	
Tumble Generator Valve Equipped	—	
Fiat 940 Compact Equipped	—	
CUSW PROXI Write Programming Support Enabled	—	
Engine Software In Package	—	
Dual Fuel Pressure Sensor Equipped	—	
Wide Range O2 Sensor 1/1 Equipped	—	
66RFE / 68RFE	—	
A/C Equipped	—	
4 Speed Automatic Transmission Equipped	—	
Electronic Throttle Control Equipped	—	
O2 Sensor Bank 2 Sensor 2 Equipped	—	
Secondary Air Equipped	—	
High Side Port Tumble Valve Equipped	—	
Shift Indicator Lamp Equipped	—	

3.3 Liter V6 Engine	—	
4.0 Liter I6 Engine	—	
Turbocharger Equipped	—	
45RFE / 545RFE / 65RFE	—	
3 Speed Fan Mechanical Relay System Equipped	—	
GPEC3 Equipped	—	
O2 Sensor Bank 2 Sensor 1 Equipped	—	
Constant Heater Temperature Control Valve Equipped	—	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	—	
Secondary Fuel Pump Equipped	—	
Aisin 6-Speed RWD Transmission Equipped	—	
Fixed displacement AC Equipped	—	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	—	
PTO System Equipped	—	
VMM Equipped	—	
O2 Sensor Bank 1 Sensor 2 Equipped	—	
Viscosity Sensor Equipped	—	
Transmission Oil Heater Equipped	—	
Electronic Vacuum Pump Equipped	—	
MultiAir Equipped	—	
6.2 Liter V8 Engine	—	
Auxiliary Coolant Pump Equipped	—	
Police Package Equipped	—	
Linear Purge Equipped	—	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	—	
2.7 Liter V6 Engine	—	
Oil Pressure Sensor Enabled	—	
Exhaust Cam 1 Equipped	—	
MTV Solenoid Equipped	—	
GPEC4 Equipped	—	
Active Exhaust Valve Equipped	—	
WI4 Variable Valve Timing Equipped	—	
Exhaust Cam 2 Equipped	—	
Supercharger Equipped	—	
Adaptive Cruise Control Equipped	—	
Continuous Variable Transmission Equipped	—	
Powernet Equipped	—	
Low Temperature Radiator Coolant Pump Equipped	—	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	—	
3.7 Liter V6 Engine	—	
Port Flap Valve Equipped	—	
O2 Sensor Bank 1 Sensor 1 Equipped	—	
WI4 Intake Flow Control Valve Equipped	—	
GPEC2A Equipped	—	

Trans Skip Shift Equipped	—	
42RLE	—	
4 Button Integrated Cruise Control	—	
Yaw Rate Sensor ESC Equipped	—	
Vehicle Speed Sensor #1 Calculated by ECU	—	
GPEC2 Equipped	—	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	—	
Engine Idle Shutoff Equipped	—	
Brushless PWM Fan Equipped	—	
3.0 Liter V6 Engine	—	
Operator Idle Speed Request Equipped	—	
Auxiliary Heater Electric Water Pump Equipped	—	
3.2 Liter V6 Engine	—	
Electronic Coolant Pump Equipped	—	
HPT 6-Speed Transmission Equipped	—	
Dual Fuel Tank Equipped	—	
Wide Range O2 Sensor 2/1 Equipped	—	
Engine Oil Heater Cooler Equipped	—	
Active Grille Shutter Equipped	—	
Coolant On-Off Valve Equipped	—	
Cummins Equipped	—	
Electronic Automatic Transmission (EATX) Equipped	—	
Fan Wake Up Relay System Equipped	—	
Linear EGR Equipped	—	
Barometric Sensor Equipped	—	
40TE / 41TE / 41TEA	—	
CMCV H-Bridge Equipped	—	
Intake Cam 2 Equipped	—	
O2 Sensor Bank 1 Sensor 3 Equipped	—	
AC Equipped	—	
1 Speed Fan Mechanical Relay System Equipped	—	
Battery Temp Sensor Equipped	—	
Dual Stage Oil Pump Equipped	—	
Dual Speed Fuel Pump Equipped	—	
Next Gen Bus Equipped	—	
EMAT (Getrag DCT transmission) Equipped	—	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	—	
Active Exhaust Pressure Sensor Equipped	—	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	—	
Throttle Inlet Temp Sensor Equipped	—	
Starter Relay 2 Equipped	—	
Electric Coolant Valve Equipped	—	
Cooled EGR Equipped	—	
Duty Cycle Purge Valve Equipped	—	

Turbine Volute Valve Actuator Equipped	—	
Vehicle Speed Sensor #1 Calculated from CAN	—	
Linear PWM Fan Relay System Equipped	—	
Knock Sensor 1 Equipped	—	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	—	
VLP Equipped Indicator	—	
VFS Actuators Available Indicator	—	
Engine Stop Start Equipped	—	
1.0 Liter I3 Engine	—	
Variable Speed Fuel Pump Equipped	—	
Compressed Natural Gas Equipped	—	
ICC Cruise Equipped	—	
Coolant On-Off Pump Equipped	—	
3.6 Liter V6 Engine	—	
Unleaded diesel fuel	—	
2 Speed Fan 3 Driver 3 Relay System Equipped	—	
ESIM Equipped	—	
Variable Displacement AC Equipped	—	
4.7 Liter V8 Engine	—	
PWM Fan Motor System Equipped	—	
ERS Equipped Indicator	—	
Fiat VIN Learning Strategy Equipped	—	
Inrush Current Reduction Relay Equipped	—	
Intake Cam 1 Equipped	—	
2 Speed Fan Mechanical Relay System Equipped	—	
6.4 Liter V8 Engine	—	
6.1 Liter V8 Engine	—	
2.4 Liter W14 engine	—	
Trans Reverse Lockout Equipped	—	
CUSW (11-Bit) Equipped	—	
Auxiliary Coolant Pump Heater Equipped	—	
Electric Water Pump Equipped	—	
3.5 Liter V6 Engine	—	
Hybrid Electric Vehicle Equipped	—	
2 Speed Fan PWM Relay System Equipped	—	
Wastegate H-Bridge Equipped	—	
1.8 Liter W14 engine	—	
Operator Idle Speed Request Equipped	—	
Cylinder Pressure Sensor Equipped	—	
Throttle Inlet Temp Sensor Equipped	—	
Mass Airflow System Equipped	—	
Clutch Sensor Equipped	—	
Dual Fuel Pressure Sensor Equipped	—	
Make Up Air Sensor Equipped	—	

Bi-Directional Crank Sensor Equipped	—	
CUSW 4-Button Cruise Equipped	—	
SWAP HARDWIRED BRAKE SWITCH INPUTS	—	
5 Button Cruise (LIN) Equipped	—	
Power Steering Angle Sensor Mandatory	—	
LIN Humidity, Temp, and Pressure Sensor Equipped	—	
INTAKE O2 SENSOR EQUIPPED	—	
Brake Pedal Sensor Equipped	—	
Remote Start Present	—	
Coolant On-Off Pump Equipped	—	
Primary Lin Alternator Equipped	—	
Variable Valve Lift Equipped	—	
2.0 Liter I4 Direct Injection Engine	—	
1.0 Liter I3 Engine	—	
Low Temp Radiator Coolant Pump Equipped	—	
Engine Idle Shutoff Equipped	—	
ZF 9-Speed Trans Equipped	—	
A/C Relay Powered from Engine Switched Battery	—	
PTO System Equipped	—	
HPT 6-Speed Trans Equipped	—	
Hybrid MEC Shifter Equipped	—	
CNG Large Gas Tank Equipped	—	
Dual Alternator Gen1 Capable	—	
Dual Fuel Tank Equipped	—	
Cooled EGR Equipped	—	
Auxillary Coolant Pump Equipped	—	
Supercharger Equipped	—	
Engine Oil Pressure Sensor Type	—	None

ICS CONFIGURATION

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

RFH CONFIGURATION

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

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

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

ORC CONFIGURATION

NAME	VALUE	UNITS
First Row Driver Seatbelt Buckle Switch	—	
Driver Seat Track Position Sensor	—	
Second Row Left Seat Side Airbag	—	
Rollover Sensing	—	
Passenger Seatbelt Retractor Pretensioner	—	
Passenger Seatbelt Anchor Pretensioner	—	
Driver Seatbelt Anchor Pretensioner	—	
Left Side Seat Squib 1	—	
Driver Frontal Squib 3	—	
Passenger Seatbelt Load Limiter	—	
Passenger Occupant Detection Sensor	—	
Passenger Seatbelt Buckle Pretensioner	—	
Second Row Left seat belt Switch	—	
Left B-Pillar Impact Acceleration Sensor	—	
Right Up-Front Acceleration Sensor	—	
Configuration Column Identifier	—	
Passenger Airbag Disable Indicator	—	
Passenger Frontal Squib 1	—	
Driver Frontal Squib 1	—	
Passenger Frontal Squib 3	—	
Right Side Seat Squib 1	—	

Second Row Right seat belt Switch	—	
Left Up-Front Acceleration Sensor	—	
Right Curtain Squib 1	—	
Left C-Pillar Impact Acceleration Sensor	—	
Passenger Seat Track Position Sensor	—	
Driver Knee Bolster Squib	—	
Occupant Classification (OCM)	—	
Passenger Frontal Squib 2	—	
Driver Frontal Squib 4	—	
Second Row Center seat belt Switch	—	
Left Curtain Squib 1	—	
Right Side Door Pressure Sensor	—	
First Row Passenger Seatbelt Buckle Switch	—	
Right B-Pillar Impact Acceleration Sensor	—	
Left D-Pillar Impact Acceleration Sensor	—	
Right D-Pillar Impact Acceleration Sensor	—	
Right C-Pillar Impact Acceleration Sensor	—	
Driver Seatbelt Load Limiter	—	
Driver Seatbelt Retractor Pretensioner	—	
Second Row Right Seat Side Airbag	—	
Passenger Frontal Squib 4	—	
Passenger Airbag Disable Switch	—	
Passenger Knee Bolster Squib	—	
Driver Frontal Squib 2	—	
Left Side Door Pressure Sensor	—	
EPPM	—	
Driver Seatbelt Buckle Pretensioner	—	

HVAC CONFIGURATION

NAME	VALUE	UNITS
HVAC Configuration	SNA	
Single Zone MTC Control (BB)	False	
DualZone ATC Control (BB)	False	
Dual Zone MTC Control (BB)	False	
MTC Without EBL (3Knob)	False	
MTC With EBL (3Knob)	False	
DualZone ATC Control (Factory) (BB)	False	
MTC heater only (3Knob)	False	

PDM CONFIGURATION

NAME	VALUE	UNITS
Frameless Window	False	

PSDML CONFIGURATION

NAME	VALUE	UNITS
VSIM Status	False	

PSDMR CONFIGURATION

NAME	VALUE	UNITS
UPFM Status (Present = True, Absent = False)	False	

MSM CONFIGURATION

NAME	VALUE	UNITS
Adjustable Pedals	False	
Telescope/Tilt	False	

CSWM CONFIGURATION

NAME	VALUE	UNITS
EC - Seat B	—	
EC - Seat A	—	
Vehicle Line L-Series	—	
Vehicle Line R-Series	—	
Vehicle Line D-Series	—	
Heated Steering Wheel	—	
Vehicle Line J-Series	—	
Vehicle Line U-Series	—	
Vehicle Line W-Series	—	
Vehicle Line M-Series	—	
Vehicle Line P-Series	—	

AMP CONFIGURATION

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

ANC Calibration Date - Year	18	
ANC Calibration Date - Week	45	
ANC Calibration Date - Patch Level	2	

IPC CONFIGURATION

NAME	VALUE	UNITS
PHEV	True	
Rear Fog Lamp	False	

SCCM CONFIGURATION

NAME	VALUE	UNITS
Rear Wiper	True	
Paddle Shifter	False	
Cruise Control / ACC	True	
Tilt Telescope	False	

BCM CONFIGURATION

NAME	VALUE	UNITS
Number of Reprogramming Attempts - Counter #0	1	
Last Programmed Status	Manufacturing	
Vehicle Configuration Programmed Status	True	
ECU Configuration 6 (Brake)	3	
ECU Configuration 4	3	
Programmed ECUs: P/T Chassis Network	3	
ECU Configuration 2 (CBC Features)	3	
ECU Configuration 15 (Suspension)	3	
ECU Configuration 9 (ITM)	3	
ECU Configuration 5 (Doors)	3	
ECU Configuration 6 (Safety)	3	
Vehicle Configuration 2 - Write Counter	3	
Vehicle Configuration Auto Write Counter	1	
Vehicle Configuration 5 - Write Counter	3	
Vehicle Configuration 4 - Write Counter	3	
ECU Configuration 13	3	
Vehicle Configuration 7 - Write Counter	3	
ECU Configuration 10	3	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	3	
ECU Configuration 11	3	
ECU Configuration 5 (Memory)	3	
Programmed Network Configuration - Audio / Telematics Network	0	
ECU Configuration 8 (LIN and Miscellaneous)	3	
ECU Configuration 12	3	
Last Configuration Odometer	0	miles
Programmed ECUs: Hybrid LAN Network	0	

Vehicle Config CSM1	3	
Vehicle Configuration 6 - Write Counter	3	
ECU Configuration 3	3	
Vehicle Configuration 1 - Write Counter	3	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	3	
Programmed ECUs: Cabin Network	3	
ECU Configuration 6 (Suspension)	3	
ECU Configuration 6 (Powertrain)	3	
ECU Configuration 15 (CBC Features)	3	
Vehicle Configuration 3 - Write Counter	3	
Vehicle Config CSM2	3	
ECU Configuration 5 (Wireless)	3	
ECU Configuration 9A	3	
ECU Configuration 14	3	
Drive Configuration	2WD Front	
Special Packages	74	
Body Style	Station Wagon	
Vehicle Line	RU	
PTS Configuration	Semi Automatic / Semi Automatic	
Country Code	USA	
Model Year	2021	
Maximum Vehicle Speed	0	MPH
Left/Right Hand Drive	Left Hand Drive	
Select Speed Control Feature Present	Not Set	
Remote Start Present	Set	
Hill Descent Feature Present	Not Set	
Auto Highbeam	Set	
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Emode Present	Not Set	
Performance Pages Present	Not Present	
Off Road Capable	Not Set	
Cruise Feature is Present	Not Set	
Thatcham Present	Not Set	
Air Conditioning Present	Not Set	
Full Size Spare	Not Set	
Special Packages IC	Pacifica	
Max Load Inflation Pressure Rear Tire	36.0	PSI
Power Inverter Type	No Power Inverter	
Rain Sensor Present	Set	
SKIM System Present	Not Set	
Flipper Glass Present	Not Set	
Max Load Inflation Pressure Front Tire	36.0	PSI
Vehicle is an SRT	Not Set	
Sport Mode Present	Not Set	

HVAC Configuration	Dual Zone ATC + Rear	
RKE System Present	Set	
Auto Headlamp Feature Present	Set	
Forward Collision Warning present	Set	
Chassis Type	Type 8	
Auto Park Present	Set	
Secondary Lock Present	Not Set	
Door Alert Feature Present	Not Set	
Disable Display of Radio Clock	Not Set	
Display Compass Heading Present	Set	
High Intensity Discharge Head Lamps	Set	
Paddle Shift Feature Present	Not Set	
T-Case Type	Not Present / Not Present	
Fuel Capacity	17	gallons
Wheel Base	Wheel base not programmed / WB_NP	
ELV Present	Not Set	
Keyless Go Present	Set	
Liftgate/Trunk Type	Power Liftgate	
ESCL system present	Not Set	
Collision Mitigation System present	Set	
FOBIK Safe Enable	Set	
Base TPM system present	Not Set	
Police Lighting Feature	Not Set	
Passive Entry Present	Set	
Window Express Feature Configuration	All windows express feature	
Power Left Sliding Door Present	Set	
Display Outside Temperature Present	Set	
Power Right Sliding Door Present	Set	
Two Fuel Sending Units Present	Not Set	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Vehicle Brand	Chrysler	
Premium TPM system present	Set	
Transfer Case Low Range Reduction Ratio	0.000	
Axle Ratio	3.251	
Transfer Case High Ratio	1.000	No Unit
Dynamic Tire Circumference (All or Rear)	89	inch
Steering Ratio at Negative Angle 1	0.0	No Unit
Analog Door Sensor Configuration	Driver Door Only Analog Sensor	
Air Quality System Present	Not Set	
Connector E Pin 8: PHEV HCP Hardwire Wakeup	Set	
Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output	Set	
Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present	Set	

Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	
Connector F Pin 29: Horn Switch Present	Set	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Not Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Set	
Connector D Pin 9: Trailer Tow Backup Output Present	Not Set	
Connector G Pin 15: UGDO Feed Output Present	Set	
Connector A Pin 3/Connector D Pin 2: Low Beam Output Present	Set	
Connector E Pin 5: PHEV Fuel Door Switch Input	Set	
Connector F Pin 4: Liftgate Release Present	Not Set	
Connector E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector G Pin 22: VTA Warning LED Output Present	Set	
Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector E Pin 11: Vacuum Switch Input	Not Set	
Connector F Pin 8 : Liftgate Release Outside Handle Switch Present	Not Set	
Connector F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connector E Pin 37: Right HID Control Output Present	Not Set	
Connector E Pin 34: Vacuum Cleaner Relay Output Present	Not Set	
Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	
Connector A Pin 11: Hood Ajar Switch Input Present	Set	
Connector D Pin 12: PHEV ECM Hardwire Wake Up Output Present	Set	
Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output Present	Set	
Connector E Pin 3/Connector F Pin 42: Rear Turn Lamps Output Present	Not Set	
Connector D Pin 10: Trailer Tow Tail Lamp Output Present	Not Set	
Connector E Pin 7: Left HID Relay Control Output Present	Not Set	
Connector F Pin 35: Inverter Enable Relay Output Present	Not Set	
Connector A Pin 10/Connector D Pin 5: Side Markers Output Present	Set	
Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present	Not Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Side Repeaters Enable	Not Set	
Front Wiper Park Enable	Set	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
Illuminated approach Enabled	Not Set	
Reversible Washer Pump Enable	Set	
Exterior Light Loadshed Enable	Set	
LED Front Park/Marker Lamps Present	Set	
LED Front Turn Lamps Present	Not Set	
Front Fog Lamp Dropout Enable	Set	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	

DRL Configuration	No DRL	
Trailer Tow Present	Not Set	
LED High Beam Lamps Present	Set	
Horn Chirp Allowed	Set	
Headlamp Wash Interval	wash cycle#11	
LED License Lamps Present	Set	
Wiper Service Position Enabled	Not Set	
Hazard Lamp Configuration	Latching Switch	
LED CHMSL Lamp Present	Set	
Fuel Door Release Enabled	Not Present	
LED Tail Lamps Present	Set	
Bi Xenon Headlamps Enable	Not Set	
Combined Rear Lighting Enable	Set	
LED Low Beam Lamps Present	Set	
DRL Dropout Enable	Not Set	
Headlamp Wash Shot	double	
One Touch Lane Change	Set	
Rear Wiper Park Enable	Set	
Combined Front Park/Turn Feature Enable	Not Set	
LED Dedicated DRL Present	Not Set	
Front Wiper Wipes After Wash	2 Wipes	
LED Stop Lamps Present	Not Set	
LED Rear Fog Lamps Present	Not Set	
Fuel Door Present	Not Set	
LED Front Fog Lamps Present	Set	
Tip Start Enabled	Set	
LED Rear Turn Lamps Present	Not Set	
Tunnel Detection	Not Set	
Dual Start Relay System Present	Not Set	
Park Lamp Loadshed Enable	Set	
Quad Headlamps Enable	Set	
LED Reverse Lamps Present	Not Set	
DRL Lamp Location	Low Beam DRL	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
External Port Type	AUX + USB + extra USB	
Splashscreen Type	Vehicle Brand	
Rear Camera Present	Not Set	
Front Park Assist Present	Set	
Surround Sound Feature Present	Set	
Power Inverter Present	Not Set	
Microphone Type	Peiker 300 mv	
Antenna Type	Active Primary and no secondary antenna	
Front Heated Seats Present	Set	
Cabin Equilization Curve Number	RU Premium System - Harman 12ch	

Microphone Tuning Parameter	Absent [Not Used]	
Heated Steering Wheel Present	Set	
Destination	United States of America	
Microphone Configuration	2 Microphones	
Power Door Locks Present	Set	
Disable CD Eject	Not Set	
Fleet Vehicle Content	Not Set	
AP4 Right Rear	CAN	
Tip Start Present	Set	
Airport Scenario Trunk	Not Set	
AP2 Right Front	Smart Switch	
AP5 Trunk Lock	Simple Switch	
AP3 Left Rear	CAN	
Vehicle Variant	Undefined	
AP1 Left Front	Smart Switch	
AP5 Trunk Unlock	CAN	
Passenger Window Lockout	Not Set	
Blindspot Mirror Present	Set	
Heated Mirrors Present	Set	
Window Hall Sensors Present	Not Set	
Passenger Memory Mirror Present	Set	
Puddle Lamp Present	Not Set	
Electro-chromatic driver mirror present	Set	
Sun Shade	Not Set	
Mirror turn signals present	Set	
Electro-chromatic passenger mirror present	Not Set	
Tow Mirror Present	Not Set	
Folding mirrors present	Set	
Global Down	Not Set	
Frameless Window Present	Not Set	
Window Motor Type	Not Set	
Driver Memory Mirrors Present	Set	
Global Up	Not Set	
Rear Door Pre Short Drop	Not Set	
Stow 'n Assist Present - Passenger	Set	
Memory Adjustable Pedals Present	Not Set	
Heated Steering Wheel Present	Present	
Heated Wheel Material Type	Full Leather	
Heated Seat Material Type	Base Leather	
Front Vented Seats Present	Present	
Rear Heated Seats Present	Not Present	
Stow 'n Assist Present - Driver	Set	
Tilt/Telescope Steering Present	Not Set	
Driver Memory Seat Present	Set	

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

Steering Smoothing Factor	Filter Off	
Parking Light Enable	Not Set	
Auto High Beam OFF Threshold	20 km/hr	
Interior Lighting Day Threshold	4.27498	Volt
RKE Auto-Relock Feature Enable	Not Set	
Horn Chirp Duration	Short	
VTA Hood Ajar Monitoring	Not Set	
PE Auto-Relock Feature Enable	Set	
Interior Lighting Night Threshold	4.45147	Volt
Auto High Beam ON Threshold	25 km/hr	
Headlamp Soak Delay	1.0 sec	
Sunroof Present	Set	
Temperature Display Resolution	HaLF	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Smart Alternator Present	Not Set	
Automatic Crash Notification Feature Present	Undefined	
Drive Mode Version	Version 1	
Surround View Camera On/Off Softkey Present	Set	
Radio Speaker Open Circuit Disable (RF)	Not Set	
ANC Calibration Parameter Data Set	RU_PHEV_3.6L_tripane_SunRoof_Harman_AMP	
Radio Speaker Open Circuit Disable (LF)	Not Set	
Radio Speaker Open Circuit Disable (RR)	Not Set	
Auto Dimming Mirror Hard Button Present	Set	
Show Phone Information in Cluster	01	
Radio Speaker Open Circuit Disable (LR)	Not Set	
Park Assist Tuning Set	BUX Front and Rear Only	
ACC	Set	
IPC	Set	
BCM (PT)	Set	
OCM	Set	
HCP	Set	
EPS	Set	
AHLM	Not Set	
ABS	Not Set	
RFH	Set	
ORC	Set	
SCCM	Set	
TCM	Not Set	
PTS	Set	
ESL	Not Set	
ESM	Set	
ABSO	Set	
PCM	Set	
FFCM	Set	

Rear View Camera Dynamic Grid Lines Enabled	Not Set	
Rear View Camera Static Grid Lines Enabled	Not Set	
Ultrasonics	Not Set	
Siren	Not Set	
Tilt	Not Set	
HCP	Set	
OBCM	Set	
APM	Set	
ESM	Set	
AHCP	Set	
EAC	Set	
ECM	Set	
BPCM	Set	
ORC	Set	
EBCM	Set	
ESC	Set	
1st Row Seat Side Airbags Present	True	
Integrated EPP Present	False	
Passive Ped Pro Present	False	
Driver Kneebag Present	True	
Passenger Kneebag Present	True	
Tow Hooks Present	False	
BUX Market	False	
ODS Present	False	
Curtain Airbags Present	True	
IBS Minimal Charge Limit	10	AmpHrs
Battery Type II	22	
Battery Types	SNA	
IBS Minimum Charge Limit	600	mA
IBS Activate MWU	Not Set	
IBS Minimum Voltage Limit	5.0	Volts
IBS Quiescence Current Limit	-250	mA
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
Alert On System Fault	Set	
Panic Enable	Set	
CRVMM Present	Set	
Auto Relock Time	60	seconds
HFRM Present	Set	
IBS Present	Set	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Washer Fluid Level Voltage Threshold	4.46 volts	
Humidity Sensor Present	Set	
Fobik Safe Alerts Per Ignition Cycle	2	
Compass Mounting Orientation	Rightside up	

Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
Compass Mounting Angle	0	Degree
Alert On Search Timeout	Set	
EVIC SWS Module Present	Set	
Alert no Reply	Set	
VTA System Present	VTA	
OHC Module Present	Set	
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
Sound Horn on Lock	Set	
Headlamps on with Wipers	Set	
Auto Unlock	Set	
Auto Highbeam	Set	
Sound Horn On Lock Status	Chirp on 1st press/FIRST	
Headlamp Delay Time	0	seconds
Unlock all doors on 1st press	Not Set	
Sound Horn on Remote Start	Set	
Daytime Running Lamps	Set	
Sliding Door Alert	Not Set	
Sliding Door Chime Enable	Set	
Accessory Delay Time	45	seconds
Hands Free Sliding Door Enable	Set	
Illuminated Approach Time	30	seconds
Flash Lamps on Lock	Set	
Auto Wipers	Set	
Auto Lock	Set	
Right Front Corner Voltage	13.4 Volts	
Left Rear Corner Voltage	14 Volts	
Right High Beam Voltage Regulation	13.8 Volts	
Auto Headlamp Off Threshold	2.54930	Volt
Left High Beam Voltage Regulation	13.6 Volts	
Right Low Beam Voltage Regulation	14 Volts	
Left Front Corner Voltage	13.2 Volts	
Right Rear Corner Voltage	14 Volts	
Auto Headlamp On Threshold	3.31409	Volt
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Left Low Beam Voltage Regulation	13.6 Volts	
MSM	Set	
PSDML	Set	
DTV	Not Set	
AMP	Set	
MSMP	Set	
PDM	Set	
BCM (Interior Bus)	Set	
ITM	Not Set	

HVACR	Set	
HSM	Set	
DMRR	Set	
ICS	Set	
DSM	Set	
DDM	Set	
PLGM	Set	
ANC	Not Set	
PSDMR	Set	
HVAC	Set	
CVPM	Set	
FSM	Not Set	
EAM	Set	
Radio	Set	
EOMR	Set	
EDM	Not Set	
DMRL	Set	
VTM	Not Set	
VRM	Not Set	
Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	
Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	
Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel resistors	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	
Connector F Pin 42: Right Rear Turn Signal	Right Rear Turn Signal	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Stop/Start Enable Switch Present	Not Set	
Connector D Pin 1: Left High Beam Feed	AUX High Beam	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	
Connector F Pin 41: Backup-Reverse lamp Left	Not Set	
Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	
Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	
Connector F Pin 5: Left Rear Fog Lamp	Output Disable	
Connector A Pin 2: Right High Beam Feed	AUX High Beam	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Connector E Pin 1: Backup-Reverse lamp Right	Set	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	

RADIO CONFIGURATION

NAME	VALUE	UNITS
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Compass on the bus messaging Authorization	—	
GPS on the Bus messaging Authorization	—	
Reason Code	—	
Satellite Subscription Status	—	
Satellite Subscription ID	—	
Suspend Year	—	
Suspend Day	—	
Suspend Month	—	
Aux Jack	—	
Enumerated USB Devices	—	No Unit
SD Card Readers Detected	—	No Unit
USB Hubs Detected	—	No Unit
Front Seat Video Playback	—	
Distortion Limiting	—	
High Cut	—	
Cabin EQ Curve Number Currently Used by Radio	—	events
12/24 Time Selection	—	
Stereo Blend	—	
Automated Loudness	—	
Anti-Theft Enable Status	—	
Clock Defeat	—	
Splash Screen	Automatic	

HVACR CONFIGURATION

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

LBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)	—	
CFG FEATURE	—	
Teen Key (RU variant only)	—	

RBSS CONFIGURATION

NAME	VALUE	UNITS
Teen Key (RU variant only)	—	
Steering Variant (LHD/RHD)	—	

RCCC CONFIGURATION

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

ABSO CONFIGURATION

NAME	VALUE	UNITS
Engine Displacement	0.0	No Unit
ESC BLA Enabled	False	
PN ESC Byte2	0	
PN ESC Byte1	0	
Drive Configuration	2WD Front	
Dynamic Tire Circumference	89	inch
VC Chassis Type	Type 0	
Axle Ratio	3.251	No Unit
Hardwired VSO	True	
ACC	True	
Multiple Pressure Sensors	True	
Rear Directional Sensors	True	
Feature PIN	False	
Front Directional Sensors	False	
EPB	True	



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CAN C BUS SYSTEM

CAN C BUS SYSTEM -
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CAN IHS BUS SYSTEM

CAN IHS BUS SYSTEM -
AUTONOMOUS

CAN C - EPT BUS SYSTEM

CAN C - EPT BUS SYSTEM -
AUTONOMOUSCAN PRIVATE BUS
SYSTEM

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POWERTRAIN

GROUNDS

POWER DISTRIBUTION

Wiring Diagram - CAN C - EPT BUS SYSTEM

