



Shop: --
Tel: --
Email:
Address: --

Report ID: MAXIA20240827120157
Test Time: 2024-08-27 12:01:57
Technician: --

Cummins Vehicle Diagnostic Report

Vehicle Information

Cummins
VIN: --
Path: Diagnosis > Auto scan > Live data > All parameters >

Odometer Reading: --
License Plate: --
Sub Model: --

Customer Information

Name: --
Tel: --

Device information

Scanner: MaxiSys CV
Version: V7.00
Serial Number: V59SP5V01172

X15 CM2350 X114B/X116B

NO.	Name	Value	Unit
1	A/C pressure switch	ON	
2	Accelerator pedal/lever position sensor 2 signal voltage	0.00	V
3	Accelerator pedal/lever position sensor 2 supply voltage	5.01	V
4	Accelerator pedal/lever position sensor signal voltage	0.00	V
5	Accelerator pedal/lever position sensor supply voltage	5.01	V
6	Active accelerator type	Dual Pulse-Width Modulation (PWM)	
7	Aftertreatment SCR inlet temp signal vlt	0.0	V
8	Aftertreatment SCR inlet temperature	210.20	°F
9	Aftertreatment SCR outlet temp sig vlt	0.0	V
10	Aftertreatment SCR outlet temperature		°F
11	Aftertreatment diesel particulate filter ash load		%
12	Aftertreatment high exhaust system temperature lamp status		
13	Aftertreatment inlet NOx		ppm
14	Aftertreatment inlet NOx corrected		ppm
15	Aftertreatment inlet NOx reading stable		
16	Aftertreatment outlet NOx		ppm
17	Aftertreatment outlet NOx corrected		ppm
18	Aftertreatment outlet NOx reading stable		
19	Aftertreatment particulate matter sensor		uA
20	Amber warning lamp status		
21	Ambient Air Temperature (AAT)		°F
22	Ambient Air Temperature (AAT) sensor signal voltage		V
23	Anti-theft status		

24	Barometric air pressure	psi
25	Barometric air pressure sensor signal voltage	V
26	Battery voltage	V
27	Brake pedal position switch	
28	Calibration software phase	
29	Clutch pedal position switch	
30	Crankcase pressure	psi
31	Crankcase pressure sensor signal voltage	V
32	Cruise Control	
33	Cruise Control (CC) ON/OFF switch	
34	Cruise Control (CC) accelerate switch	
35	Cruise Control (CC) coast switch	
36	Cruise Control (CC) set/resume switch	
37	DEF dosing unit heater status	
38	DEF dosing unit status	
39	DEF lamp status	
40	DEF line heater 1 status	
41	DEF line heater 2 status	
42	DEF line heater 3 status	
43	DEF pressure	psi
44	DEF pressure sensor voltage	V
45	DEF pump 1 duty cycle	%
46	DEF quality	%
47	DEF quality sensor fluid temperature	C
48	DEF tank heating valve position commanded	
49	DEF tank level	%
50	DEF tank temperature	°F
51	DEF tank temperature sensor voltage	V
52	DEF used	gallon
53	DOC inlet temperature	°F
54	DPF active regeneration elapsed time	h
55	DPF ash adjustment factor	kg/m3
56	DPF differential pressure	psi
57	DPF differential pressure sensor signal voltage	V
58	DPF inlet temperature	°F
59	DPF lamp status	
60	DPF operating status	

61	DPF outlet pressure	psi
62	DPF outlet pressure sensor signal voltage	V
63	DPF outlet temperature	°F
64	DPF passive regeneration elapsed time	h
65	DPF regeneration permit switch status	
66	DPF regeneration start switch status	
67	DPF soot load status	
68	Data link reference speed	rpm
69	Diagnostic Test mode switch	
70	Diesel Exhaust Fluid (DEF) line heater 1 status	
71	Diesel Exhaust Fluid (DEF) line heater 2 status	
72	Diesel Exhaust Fluid (DEF) line heater 3 status	
73	Diesel Exhaust Fluid (DEF) tank heater status	
74	ECM distance	miles
75	ECM key OFF time	H:M:S
76	ECM real time	
77	ECM time (key ON time)	H:M:S
78	Electric fuel lift pump current	A
79	Electric fuel lift pump duty cycle	%
80	Electric fuel lift pump position	
81	Electric lift pump current feedback	
82	Engine Coolant Temperature (ECT) sensor signal voltage	V
83	Engine Oil Pressure	psi
84	Engine Oil Pressure (EOP) sensor signal voltage	V
85	Engine Oil Pressure (EOP) sensor type	
86	Engine Oil Pressure (EOP) switch	
87	Engine Oil Temperature	°F
88	Engine Oil Temperature (EOT) sensor signal voltage	V
89	Engine Torque mode	
90	Engine brake output circuit 1	
91	Engine brake output circuit 2	
92	Engine brake output circuit 3	
93	Engine brake output circuit 4	
94	Engine brake selector switch 1	
95	Engine brake selector switch 2	
96	Engine brake switch level	%
97	Engine coolant level	

98	Engine coolant temperature	°F
99	Engine distance	miles
100	Engine hours	H:M:S
101	Engine operating status	
102	Engine protection derate suppress	
103	Engine protection shutdown override switch	
104	Engine speed	rpm
105	Engine speed backup sensor status	
106	Engine speed backup synchronization status	
107	Engine speed main sensor signal status	
108	Engine speed main sensor status	
109	Engine speed main synchronization status	
110	Engine speed sensor active	
111	Engine speed status	
112	Exhaust Gas Recirculation (EGR) differential pressure	psi
113	Exhaust Gas Recirculation (EGR) differential pressure sensor signal voltage	V
114	Exhaust Gas Recirculation (EGR) temperature	°F
115	Exhaust Gas Recirculation (EGR) temperature sensor signal voltage	V
116	Exhaust Gas Recirculation (EGR) valve position commanded	%
117	Exhaust Gas Recirculation (EGR) valve position measured (percent open)	%
118	Exhaust Gas Recirculation (EGR) valve position sensor signal voltage	V
119	Exhaust Gas Temperature (EGT) (calculated)	°F
120	Exhaust gas pressure	psi
121	Exhaust gas pressure sensor signal voltage	V
122	Exhaust gas recirculation (EGR) cooler efficiency	%
123	Exhaust mass flow rate	kg/min
124	Exhaust volumetric flow rate	m3/s
125	Fan control 2 multiplexed request level	%
126	Fan control command	%
127	Fan control multiplexed request level	%
128	Fan control switch	
129	Fan drive status	
130	Final fueling	mg/stroke
131	Fuel Pump (FP) actuator commanded current	A
132	Fuel Pump (FP) actuator duty cycle	%
133	Fuel Pump (FP) actuator measured current	A
134	Fuel Pump (FP) actuator position	

135	Fuel Rail Pressure (FRP) commanded	psi
136	Fuel Rail Pressure (FRP) measured	psi
137	Fuel Rail Pressure (FRP) rationality sensor	psi
138	Fuel Rail Pressure (FRP) rationality sensor voltage	V
139	Fuel Rail Pressure (FRP) signal voltage	V
140	Fuel flow rate commanded	gal/h
141	Fuel level	%
142	Fuel level sensor voltage	V
143	Fuel tank level sensor 2 level	%
144	Ignition key	
145	Ignition key OFF counts	
146	Ignition key ON counts	
147	Inlet air throttle position	%
148	Inlet air throttle position commanded	%
149	Inlet air throttle sensor signal voltage	V
150	Inlet manifold air temperature	°F
151	Inlet manifold air temperature sensor signal voltage	V
152	Inlet manifold pressure	psi
153	Inlet manifold pressure sensor signal voltage	V
154	Instantaneous fuel economy	km/L
155	Low idle speed adjustment switch	
156	MIL status	
157	Multiplexed accelerator fault limp home switch status	
158	Net engine torque	lbf ft
159	Parking brake switch status	
160	Percent accelerator pedal/lever	%
161	Percent load	%
162	Power Take-Off (PTO) ON/OFF switch	
163	Power Take-Off (PTO) additional switch	
164	Power Take-Off (PTO) decrement switch	
165	Power Take-Off (PTO) high power device	
166	Power Take-Off (PTO) increment switch	
167	Power Take-Off (PTO) status	
168	Red stop lamp status	
169	Remote Power Take-Off (PTO) switch	
170	SAE J1939 engine source address	
171	SAE J1939 stop broadcast source address 1	

172	SAE J1939 stop broadcast source address 2	
173	SAE J1939 stop broadcast source address 3	
174	Sensor supply 1	V
175	Sensor supply 2	V
176	Sensor supply 3	V
177	Sensor supply 4	V
178	Sensor supply 5	V
179	Sensor supply 6	V
180	Soot level	lbs
181	Tailshaft speed	rpm
182	Total Diesel Exhaust Fluid (DEF) used	gallon
183	Transmission gear ratio	
184	Turbo act pos comded (percent closed)	%
185	Turbo actuator position measured (percent closed)	%
186	Turbo actuator position sensor signal voltage	V
187	Turbo actuator type	
188	Turbo compressor Intake Air Temperature (IAT)	°F
189	Turbo compressor Intake Air Temperature (IAT) sensor signal voltage	V
190	Turbo compressor outlet air temperature (calculated)	°F
191	Turbo speed	rpm
192	Turbo speed derate active	
193	Vehicle speed	mph
194	Water In Fuel (WIF) detected total accumulated time	H:M:S
195	Water In Fuel (WIF) sensor signal voltage	V
196	Water In Fuel (WIF) status	