



Shop:
Tel:
Address:

Report ID: MAXIA20230201
Creation Date: 2023-02-01



Cummins Vehicle Diagnostic Report

License Plate: PRINCE

Manufacturer: Cummins

Year:

Model:

Sub Model:

Engine:

Path: Cummins>Auto scan>ISX12 CM2350 X102/X103/X108/ISX15 CM2350 X101/X104/X109>Live data

Client:

Phone Number:

VIN:

Mileage:

Color:

Status:

NO.	Name	Value	Unit
1	Engine Oil Pressure	0.22	psi
2	Engine Oil Pressure (EOP) switch	Good	
3	Low idle speed adjustment switch	Neutral	
4	Cruise Control (CC) set/resume switch	Neutral	
5	Engine distance	317561.32	miles
6	ECM distance	317640.10	miles
7	ECM time (key ON time)	11159:58:05	H:M:S
8	Percent accelerator pedal/lever	0	%
9	Engine hours	10821:45:25	H:M:S
10	Fan control switch	ON	
11	A/C pressure switch	ON	
12	Remote Power Take-Off (PTO) switch	OFF	
13	Power Take-Off (PTO) decrement switch	OFF	
14	Power Take-Off (PTO) increment switch	OFF	
15	Power Take-Off (PTO) ON/OFF switch	OFF	
16	Engine coolant temperature	57.92	°F



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17	Transmission gear ratio	16.00	
18	Fan control command	100	%
19	Engine coolant level	Low	
20	Engine Oil Temperature	55.40	°F
21	Engine protection shutdown override switch	OFF	
22	Accelerator pedal/lever position sensor supply voltage	5.02	V
23	Engine speed	0	rpm
24	Engine speed status	Stoped	
25	Engine speed main synchronization status	No pulse	
26	Engine speed backup synchronization status	No pulse	
27	Engine speed backup sensor status	High input voltage	
28	Engine speed main sensor status	High input voltage	
29	Fuel Rail Pressure (FRP) measured	58.015	psi
30	Vehicle speed	0.00	mph
31	Ambient Air Temperature (AAT)	53.60	°F
32	Inlet manifold air temperature	58.28	°F
33	Turbo compressor Intake Air Temperature (IAT)	56.84	°F
34	Turbo speed	0	rpm
35	Exhaust Gas Temperature (EGT) (calculated)	57.20	°F
36	Clutch pedal position switch	Released	
37	Inlet manifold pressure	0.00	psi
38	Engine brake output circuit 2	Inactive	



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39	Cruise Control (CC) accelerate switch	OFF	
40	Cruise Control (CC) coast switch	OFF	
41	Cruise Control (CC) ON/OFF switch	OFF	
42	Calibration software phase	09280F55	
43	ECM real time	2121-02-07 06:28:15	
44	Engine Torque mode	Other	
45	Net engine torque	0.000	Lb-ft
46	Final fueling	0.0	mg/stroke
47	Water In Fuel (WIF) status	No water detected	
48	Water In Fuel (WIF) detected total accumulated time	00:00:00	H:M:S
49	Engine protection derate suppress	Disable	
50	Engine Coolant Temperature (ECT) sensor signal voltage	3.69	V
51	Inlet manifold air temperature sensor signal voltage	1.75	V
52	Engine Oil Pressure (EOP) sensor type	Analog	
53	Engine Oil Pressure (EOP) sensor signal voltage	0.81	V
54	Turbo actuator position measured (percent closed)	50	%
55	Battery voltage	11.6	V
56	Turbo compressor outlet air temperature (calculated)	84.20	°F
57	Engine speed main sensor signal status	Out of range	
58	Engine speed sensor active	Main	
59	Fan control 2 multiplexed request level	0.0	%



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60	Engine Oil Temperature (EOT) sensor signal voltage	3.81	V
61	Accelerator pedal/lever position sensor signal voltage	1.12	V
62	Exhaust gas pressure sensor signal voltage	0.88	V
63	Turbo compressor Intake Air Temperature (IAT) sensor signal voltage	3.62	V
64	Inlet manifold pressure sensor signal voltage	0.94	V
65	Instantaneous fuel economy	0.235	mpg
66	Engine brake output circuit 1	Inactive	
67	Engine brake output circuit 3	Inactive	
68	Engine brake output circuit 4	Inactive	
69	Engine brake switch level	0	%
70	Power Take-Off (PTO) additional switch	OFF	
71	Turbo act pos comded (percent closed)	50	%
72	Turbo actuator position sensor signal voltage	0.00	V
73	Turbo actuator type	Electric	
74	Crankcase pressure sensor signal voltage	1.56	V
75	Crankcase pressure	0.00	psi
76	Ambient Air Temperature (AAT) sensor signal voltage	3.75	V
77	Fuel Rail Pressure (FRP) signal voltage	0.51	V
78	Exhaust Gas Recirculation (EGR) valve position measured (percent open)	0	%
79	Exhaust Gas Recirculation (EGR) valve position sensor signal voltage	0.00	V
80	Exhaust Gas Recirculation (EGR) differential pressure	0.03	psi



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81	Exhaust Gas Recirculation (EGR) differential pressure sensor signal voltage	1.00	V
82	Exhaust Gas Recirculation (EGR) temperature sensor signal voltage	4.9	V
83	Exhaust Gas Recirculation (EGR) temperature	55.94	°F
84	Exhaust Gas Recirculation (EGR) valve position commanded	0	%
85	Barometric air pressure	14.36	psi
86	Barometric air pressure sensor signal voltage	3.81	V
87	Turbo speed derate active	Inactive	
88	Fuel Rail Pressure (FRP) commanded	5801.507	psi
89	Fuel Pump (FP) actuator position	Open	
90	Fuel Pump (FP) actuator measured current	0.00	A
91	Fuel Pump (FP) actuator duty cycle	5	%
92	Electric fuel lift pump position	OFF	
93	Electric fuel lift pump current	0.0	A
94	Electric fuel lift pump duty cycle	0	%
95	Fuel flow rate commanded	0.000	gal/h(U S)
96	Fuel Pump (FP) actuator commanded current	0.00	A
97	Diagnostic Test mode switch	OFF	
98	Ignition key	ON	
99	Ignition key OFF counts	337	
100	Red stop lamp status	ON	
101	Ignition key ON counts	338	



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102	Amber warning lamp status	ON	
103	Percent load	0	%
104	Engine operating status	Engine stopped	
105	Brake pedal position switch	Released	
106	Electric lift pump current feedback	False	
107	SAE J1939 engine source address	0	
108	SAE J1939 stop broadcast source address 1	0	
109	SAE J1939 stop broadcast source address 2	0	
110	SAE J1939 stop broadcast source address 3	0	
111	Anti-theft status	Unlocked	
112	Sensor supply 1	5.00	V
113	Sensor supply 2	5.00	V
114	Sensor supply 3	5.00	V
115	Sensor supply 4	5.00	V
116	Sensor supply 5	5.00	V
117	Sensor supply 6	5.00	V
118	DEF used	1091.08	gallon
119	DEF dosing valve commanded position	Closed	
120	DEF reverting valve position	Closed	
121	Smart torque status	Normal	
122	Fan control multiplexed request level	0	%
123	Accelerator pedal/lever position sensor 2 supply voltage	5.02	V



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124	Accelerator pedal/lever position sensor 2 signal voltage	0.56	V
125	DOC inlet temperature	55.76	°F
126	DPF differential pressure sensor signal voltage	0.69	V
127	Aftertreatment fuel shut-off vlv status	Closed	
128	Aftertreatment fuel injector status	Closed	
129	Aftertreatment fuel pressure sensor signal voltage	0.69	V
130	Aftertreatment fuel pressure	17.84	psi
131	Exhaust gas recirculation (EGR) cooler efficiency	100	%
132	DPF outlet temperature	55.76	°F
133	DPF inlet temperature	56.30	°F
134	Cruise Control	Inactive	
135	DPF soot load status	Normal	
136	Aftertreatment high exhaust system temperature lamp status	OFF	
137	DPF regeneration start switch status	OFF	
138	DPF lamp status	OFF	
139	DEF tank heating valve position commanded	Closed	
140	DEF pressure	0.00	psi
141	Soot level	0.04	lbs
142	DEF pressure sensor voltage	0.8	V
143	DEF line heater 1 status	OFF	
144	DEF line heater 2 status	OFF	
145	DEF line heater 3 status	OFF	



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146	Aftertreatment DEF line heater 4 status	OFF	
147	Exhaust gas pressure	15.39	psi
148	Engine brake selector switch 1	OFF	
149	Engine brake selector switch 2	OFF	
150	DPF operating status	Inactive	
151	Aftertreatment SCR inlet temperature	57.20	°F
152	Aftertreatment SCR inlet temp signal vlt	0.0	V
153	Aftertreatment SCR outlet temperature	55.40	°F
154	Aftertreatment SCR outlet temp sig vlt	0.0	V
155	DEF tank level	63.55	%
156	Fan drive status	OFF	
157	DEF lamp status	OFF	
158	Aftertreatment inlet NOx	0.0	ppm
159	Aftertreatment inlet NOx corrected	0.00	ppm
160	Aftertreatment inlet NOx reading stable	Reading unavailable	
161	Aftertreatment outlet NOx	0.0	ppm
162	Aftertreatment outlet NOx corrected	0.00	ppm
163	Aftertreatment outlet NOx reading stable	Reading unavailable	
164	DEF tank temperature	37.40	°F
165	MIL status	ON	
166	DEF tank temperature sensor voltage	0.0	V
167	DPF outlet pressure	0.00	psi



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168	DPF outlet pressure sensor signal voltage	0.6	V
169	Aftertreatment purge air solenoid status	Closed	
170	Exhaust Gas Recirculation (EGR) orifice pressure sensor supply voltage	0.9	V
171	Exhaust Gas Recirculation (EGR) orifice pressure	-0.35	psi
172	Parking brake switch status	ON	
173	Exhaust volumetric flow rate	0.0	m3/s
174	Water In Fuel (WIF) sensor signal voltage	3.1	V
175	DEF dosing unit status	Initializing	
176	Diesel Exhaust Fluid (DEF) tank heater status	OFF	
177	Diesel Exhaust Fluid (DEF) line heater 1 status	Heating OFF	
178	Diesel Exhaust Fluid (DEF) line heater 2 status	Heating OFF	
179	Diesel Exhaust Fluid (DEF) line heater 3 status	Heating OFF	
180	DEF dosing unit heater status	Initializing	
181	DPF differential pressure	-0.01	psi
182	Crankcase ventilation heater commanded status	ON	
183	Total Diesel Exhaust Fluid (DEF) used	1091.08	gallon
184	Inlet air throttle position commanded	100	%
185	Inlet air throttle position	100	%
186	Inlet air throttle sensor signal voltage	4.5	V
187	DPF passive regeneration elapsed time	0.86	h
188	DPF active regeneration elapsed time	0.86	h



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189	Multiplexed accelerator fault limp home switch status	Accelerator depressed	
190	Exhaust mass flow rate	0.0	kg/min
191	Active accelerator type	Dual analog	
192	Accelerator position primary Pulse-Width Modulation (PWM) duty cycle	0	%
193	Accelerator position secondary Pulse-Width Modulation (PWM) duty cycle	0	%
194	Aftertreatment midbed NH3 sensor	0.00	ppm
195	Aftertreatment midbed NH3 sensor corrected	0.00	ppm
196	Aftertreatment midbed NH3 sensor reading stable	Reading unstable	
197	Aftertreatment midbed NH3 sensor trim resistor	0.00	Ohms
198	Fuel Rail Pressure (FRP) rationality sensor	-870.226	psi
199	Fuel Rail Pressure (FRP) rationality sensor voltage	4.58	V
200	Fuel level	54	%
201	Fuel level sensor voltage	0.0	V
202	ECM key OFF time	00:01:40	H:M:S
203	Tailshaft speed	0	rpm
204	Power Take-Off (PTO) status	Inactive	
205	Data link reference speed	0	rpm
206	Power Take-Off (PTO) high power device	Disengaged	
207	DPF ash adjustment factor	1.407	kg/m3
208	DEF pump 1 duty cycle	0.00	%
209	Aftertreatment diesel particulate filter ash load	34.3	%