

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

ISX12 CM2350 X102/X103/X108/ISX15 CM2350 X101/X104/X109

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		V
4	Accelerator pedal/lever position sensor signal voltage		V
5	Accelerator pedal/lever position sensor supply voltage		V
6	Active accelerator type		
7	Aftertreatment DEF line heater 4 status		
8	Aftertreatment SCR inlet temp signal vlt		V
9	Aftertreatment SCR inlet temperature		°F
10	Aftertreatment SCR outlet temp sig vlt		V
11	Aftertreatment SCR outlet temperature		°F
12	Aftertreatment diesel particulate filter ash load		%
13	Aftertreatment fuel injector status		
14	Aftertreatment fuel pressure		psi
15	Aftertreatment fuel pressure sensor signal voltage		V
16	Aftertreatment fuel shut-off vlv status		
17	Aftertreatment high exhaust system temperature lamp status		
18	Aftertreatment inlet NOx		ppm
19	Aftertreatment inlet NOx corrected		ppm
20	Aftertreatment inlet NOx reading stable		
21	Aftertreatment outlet NOx		ppm
22	Aftertreatment outlet NOx corrected		ppm
23	Aftertreatment outlet NOx reading stable		

24	Aftertreatment particulate matter sensor	uA
25	Aftertreatment purge air solenoid status	
26	Amber warning lamp status	
27	Ambient Air Temperature (AAT)	°F
28	Ambient Air Temperature (AAT) sensor signal voltage	V
29	Anti-theft status	
30	Barometric air pressure	psi
31	Barometric air pressure sensor signal voltage	V
32	Battery voltage	V
33	Brake pedal position switch	
34	Calibration software phase	
35	Clutch pedal position switch	
36	Crankcase pressure	psi
37	Crankcase pressure sensor signal voltage	V
38	Crankcase ventilation heater commanded status	
39	Cruise Control	
40	Cruise Control (CC) ON/OFF switch	
41	Cruise Control (CC) accelerate switch	
42	Cruise Control (CC) coast switch	
43	Cruise Control (CC) pause switch status	
44	Cruise Control (CC) set/resume switch	
45	DEF dosing unit heater status	
46	DEF dosing unit status	
47	DEF dosing valve commanded position	
48	DEF lamp status	
49	DEF line heater 1 status	
50	DEF line heater 2 status	
51	DEF line heater 3 status	
52	DEF pressure	psi
53	DEF pressure sensor voltage	V
54	DEF pump 1 duty cycle	%
55	DEF quality	%
56	DEF quality sensor fluid temperature	C
57	DEF reverting valve position	
58	DEF tank heating valve position commanded	
59	DEF tank level	%
60	DEF tank temperature	°F

61	DEF tank temperature sensor voltage	V
62	DEF used	gallon
63	DOC inlet temperature	°F
64	DPF active regeneration elapsed time	h
65	DPF ash adjustment factor	kg/m3
66	DPF differential pressure	psi
67	DPF differential pressure sensor signal voltage	V
68	DPF inlet temperature	°F
69	DPF lamp status	
70	DPF operating status	
71	DPF outlet pressure	psi
72	DPF outlet pressure sensor signal voltage	V
73	DPF outlet temperature	°F
74	DPF passive regeneration elapsed time	h
75	DPF regeneration permit switch status	
76	DPF regeneration start switch status	
77	DPF soot load status	
78	Diagnostic Test mode switch	
79	Diesel Exhaust Fluid (DEF) line heater 1 status	
80	Diesel Exhaust Fluid (DEF) line heater 2 status	
81	Diesel Exhaust Fluid (DEF) line heater 3 status	
82	Diesel Exhaust Fluid (DEF) tank heater status	
83	ECM distance	miles
84	ECM key OFF time	H:M:S
85	ECM real time	
86	ECM time (key ON time)	H:M:S
87	Electric fuel lift pump current	A
88	Electric fuel lift pump duty cycle	%
89	Electric fuel lift pump position	
90	Electric lift pump current feedback	
91	Engine Coolant Temperature (ECT) sensor signal voltage	V
92	Engine Oil Pressure	psi
93	Engine Oil Pressure (EOP) sensor signal voltage	V
94	Engine Oil Pressure (EOP) sensor type	
95	Engine Oil Pressure (EOP) switch	
96	Engine Oil Temperature	°F
97	Engine Oil Temperature (EOT) sensor signal voltage	V

98	Engine Torque mode	
99	Engine brake output circuit 1	
100	Engine brake output circuit 2	
101	Engine brake output circuit 3	
102	Engine brake output circuit 4	
103	Engine brake selector switch 1	
104	Engine brake selector switch 2	
105	Engine brake switch level	%
106	Engine coolant level	
107	Engine coolant temperature	°F
108	Engine distance	miles
109	Engine hours	H:M:S
110	Engine operating status	
111	Engine protection derate suppress	
112	Engine protection shutdown override switch	
113	Engine speed	rpm
114	Engine speed backup sensor status	
115	Engine speed backup synchronization status	
116	Engine speed main sensor signal status	
117	Engine speed main sensor status	
118	Engine speed main synchronization status	
119	Engine speed sensor active	
120	Engine speed status	
121	Exhaust Gas Recirculation (EGR) differential pressure	psi
122	Exhaust Gas Recirculation (EGR) differential pressure sensor signal voltage	V
123	Exhaust Gas Recirculation (EGR) orifice pressure	psi
124	Exhaust Gas Recirculation (EGR) orifice pressure sensor supply voltage	V
125	Exhaust Gas Recirculation (EGR) temperature	°F
126	Exhaust Gas Recirculation (EGR) temperature sensor signal voltage	V
127	Exhaust Gas Recirculation (EGR) valve position commanded	%
128	Exhaust Gas Recirculation (EGR) valve position measured (percent open)	%
129	Exhaust Gas Recirculation (EGR) valve position sensor signal voltage	V
130	Exhaust Gas Temperature (EGT) (calculated)	°F
131	Exhaust gas pressure	psi
132	Exhaust gas pressure sensor signal voltage	V
133	Exhaust gas recirculation (EGR) cooler efficiency	%
134	Exhaust mass flow rate	kg/min

135	Exhaust volumetric flow rate	m3/s
136	Fan control 2 multiplexed request level	%
137	Fan control command	%
138	Fan control multiplexed request level	%
139	Fan control switch	
140	Fan drive status	
141	Final fueling	mg/stroke
142	Fuel Pump (FP) actuator commanded current	A
143	Fuel Pump (FP) actuator duty cycle	%
144	Fuel Pump (FP) actuator measured current	A
145	Fuel Pump (FP) actuator position	
146	Fuel Rail Pressure (FRP) commanded	psi
147	Fuel Rail Pressure (FRP) measured	psi
148	Fuel Rail Pressure (FRP) rationality sensor	psi
149	Fuel Rail Pressure (FRP) rationality sensor voltage	V
150	Fuel Rail Pressure (FRP) signal voltage	V
151	Fuel flow rate commanded	gal/h
152	Fuel level	%
153	Fuel level sensor voltage	V
154	Gear down protection status	
155	Ignition key	
156	Ignition key OFF counts	
157	Ignition key ON counts	
158	Inlet air throttle position	%
159	Inlet air throttle position commanded	%
160	Inlet air throttle sensor signal voltage	V
161	Inlet manifold air temperature	°F
162	Inlet manifold air temperature sensor signal voltage	V
163	Inlet manifold pressure	psi
164	Inlet manifold pressure sensor signal voltage	V
165	Instantaneous fuel economy	km/L
166	Load based speed control status	
167	Low idle speed adjustment switch	
168	MIL status	
169	Multiplexed accelerator fault limp home switch status	
170	Net engine torque	lbf ft
171	Parking brake switch status	

172	Percent accelerator pedal/lever		%
173	Percent load		%
174	Red stop lamp status		
175	SAE J1939 engine source address		
176	SAE J1939 stop broadcast source address 1		
177	SAE J1939 stop broadcast source address 2		
178	SAE J1939 stop broadcast source address 3		
179	Sensor supply 1		V
180	Sensor supply 2		V
181	Sensor supply 3		V
182	Sensor supply 4		V
183	Sensor supply 5		V
184	Sensor supply 6		V
185	Smart torque status	Normal	
186	Soot level	0.03	lbs
187	Total Diesel Exhaust Fluid (DEF) used	1244.83	gallon
188	Transmission gear ratio	16.00	
189	Turbo act pos comded (percent closed)	93	%
190	Turbo actuator position measured (percent closed)	93	%
191	Turbo actuator position sensor signal voltage	0.00	V
192	Turbo actuator type	Electric	
193	Turbo compressor Intake Air Temperature (IAT)	73.94	°F
194	Turbo compressor Intake Air Temperature (IAT) sensor signal voltage		V
195	Turbo compressor outlet air temperature (calculated)		°F
196	Turbo speed		rpm
197	Turbo speed derate active		
198	Vehicle speed		mph
199	Water In Fuel (WIF) detected total accumulated time		H:M:S
200	Water In Fuel (WIF) sensor signal voltage		V
201	Water In Fuel (WIF) status		