



VEHICLE FACTORS ATTACHMENT

Vehicle Factors Attachment: Freightliner ECM/EDR Download Report

Louisville, NY

HWY23FH005

(307 pages)

Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-082959789
Customer Name :Customer Name**

ECM Image

WorkOrder Information

Work Order Name :	WO-20230307-082959
Customer Name :	Customer Name**
Technician's Note	ECM from NTSB Investigation HWY23FH005
Status	Good
Engine Serial Number	74687297
Vehicle ID	3ALACWFC1MDMS3297
Vehicle Make	DAIMLER TRUCKS
Vehicle Unit Number	*****
Vehicle Odometer	Enter Vehicle Mileage

Image Information

Date	07-Mar-2023 08:29:59 AM
File Location	C:\Intellect\INSITE\Work Orders\I-20230307-082959789
Technician's Note	
ECM	CM2350A
Status	Good

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Aftertreatment History

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Aftertreatment History

	ECM Time (Key On Time)	ECM Real Time	Starting Diesel Particulate Filter Soot Load	Ending Diesel Particulate Filter Soot Load	Starting Diesel Oxidation Catalyst Intake Temperature	Maximum Diesel Particulate Filter Intake Temperature	Maximum Diesel Particulate Filter Outlet Temperature	Maximum Diesel Particulate Filter Differential Pressure	Passive Desoot Assist Active Time
Units					°F	°F	°F	inHg	percent
1 (Newest)	004736:16:35	Not Applicable	Normal	Normal	597.4	1070.9	1099.0	1.0	N/A
2	004707:22:43	Not Applicable	Normal	Normal	535.6	1045.4	1099.7	1.0	N/A
3	004679:17:43	Not Applicable	Normal	Normal	568.4	1040.5	1106.6	1.1	N/A
4	004654:47:27	Not Applicable	Normal	Normal	543.2	1054.4	1101.2	0.9	N/A
5	004627:20:32	Not Applicable	Normal	Normal	589.4	1058.0	1103.7	1.0	N/A
6	004600:09:59	Not Applicable	Normal	Normal	454.4	1024.1	1089.8	0.9	N/A
7	004575:13:49	Not Applicable	Normal	Normal	647.8	1038.7	1094.3	1.0	N/A
8	004549:39:08	Not Applicable	Normal	Normal	537.1	1047.5	1112.5	1.2	N/A
9	004524:33:34	Not Applicable	Normal	Normal	584.9	1034.0	1102.3	1.2	N/A
10 (Oldest)	004499:02:19	Not Applicable	Normal	Normal	534.5	1042.1	1105.3	1.0	N/A
Maximum Soot Load Condition									
ECM Time (Key On Time)	ECM Real Time	Diesel Particulate Filter Soot Load	Diesel Oxidation Catalyst Intake Temperature	Diesel Particulate Filter Intake Temperature	Diesel Particulate Filter Outlet Temperature	Diesel Particulate Filter Differential Pressure			
Units			°F	°F	°F	inHg			
298261:37:03	Not Applicable	Undefined	NaN	NaN	NaN	NaN			
Maximum Diesel Particulate Filter Outlet Temperature Condition									

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Aftertreatment History

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
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Regeneration Trigger Type
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A

Aftertreatment History

Engine Serial Number :74687297
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INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
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ECM Time (Key On Time)	ECM Real Time	Diesel Particulate Filter Soot Load	Diesel Oxidation Catalyst Intake Temperature	Diesel Particulate Filter Intake Temperature	Diesel Particulate Filter Outlet Temperature	Diesel Particulate Filter Differential Pressure			
Units			°F	°F	°F	inHg			
002676:44:20	Not Applicable	Normal	579.5	1006.3	1116.8	0.8			

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Aftertreatment History

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
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Aftertreatment Maintenance

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
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Aftertreatment Maintenance

Parameter		Value	Units
Aftertreatment Diesel Particulate Filter Accumulated Distanc		0	mi
Aftertreatment Diesel Particulate Filter Accumulated Hours		0	hrs
Occurrence	ECM Time (Key On Time)	ECM Real Time	Aftertreatment Reset Applied
1(Newest)	000000:00:00	Not Applicable	ALL
2	000000:00:00	Not Applicable	ALL
3	000000:00:00	Not Applicable	ALL
4	000000:00:00	Not Applicable	ALL
5	000000:00:00	Not Applicable	ALL
6	000000:00:00	Not Applicable	ALL
7	000000:00:00	Not Applicable	ALL
8	000000:00:00	Not Applicable	ALL
9	000000:00:00	Not Applicable	ALL
10(Oldest)	000000:00:00	Not Applicable	ALL

Engine Serial Number :74687297
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Anti-Theft Protection

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-082959789
Customer Name :Customer Name**

Anti-Theft Protection

Password	Value
Passwords	0
Anti-theft Status	Unlocked
Vehicle Anti-theft	Disable
Vehicle Anti-theft Automatic Mode	Enable

Audit Trail

Engine Serial Number :74687297
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 Company Name :Cummins Inc.
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Audit Trail

Record Number	Tool Name	Tool ID	User Type	User ID	ECM Time (Key on Time)	ECM Real Time
		Code	Description			
[-] B6.7 CM2350 B121B/B141B/B179B						
[-] CM2350A						
[-] 1	CUMMINS	000000000000	Software	000000000000	004595:24:52	Not Applicable
		162	Learning Access			
[-] 2	CUMMINS	000000000000	Software	000000000000	004430:02:45	Not Applicable
		162	Learning Access			
[-] 3	INSITE	808001012901	Software	00006343F864	004177:50:21	Not Applicable
		003	Cruise Control			
		027	Reset Fault Codes			
[-] 4	INSITE	808001012901	Software	00006343F864	004176:38:14	Not Applicable
		003	Cruise Control			
		005	Road Speed Governor			

Audit Trail

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Record Number	Tool Name	Tool ID	User Type	User ID	ECM Time (Key on Time)	ECM Real Time
		Code	Description			
		006	Automatic Transmission			
		007	Vehicle Speed Sensor			
		009	Maximum Vehicle Speed in Top Gear			
		012	Rear Axle Ratio			
		013	Tire Revolutions per Distance			
		014	Tailshaft Gear Teeth			
		015	Fan Clutch Control			
		016	Engine Brake Control			
		017	PTO			
		018	Low Idle Adjustment			
		021	Gear Down Protection			
		027	Reset Fault Codes			
		030	Calibration Download			
		037	Customer/Vehicle Information			

Engine Serial Number :74687297
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Data Monitors

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Data Monitors

Parameter	Value	Units
<input type="checkbox"/> B6.7 CM2350 B121B/B141B/B179B		
<input type="checkbox"/> CM2350A		
Accelerator Pedal Or Lever Position Sensor 2 Signal Voltage	0.50	V
Accelerator Pedal Or Lever Position Sensor 2 Supply Voltage	5.02	V
Accelerator Pedal or Lever Position Sensor Signal Voltage	0.94	V
Accelerator Pedal or Lever Position Sensor Supply Voltage	5.04	V
Active Accelerator Type	Dual Analog	
Aftertreatment Diesel Exhaust Fluid Dosing Unit Heater State	Initializing	
Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	
Aftertreatment Diesel Exhaust Fluid Lamp Status	On	
Aftertreatment Diesel Exhaust Fluid Line Heater 1 Status	Off	
Aftertreatment Diesel Exhaust Fluid Line Heater 2 Status	Off	
Aftertreatment Diesel Exhaust Fluid Line Heater 3 Status	Off	
Aftertreatment Diesel Exhaust Fluid Pressure	15.5	psi
Aftertreatment Diesel Exhaust Fluid Pressure Sensor Voltage	0.7	V
Aftertreatment Diesel Exhaust Fluid Pump 1 Duty Cycle	5	percent
Aftertreatment Diesel Exhaust Fluid Quality	32.5	percent
Aftertreatment Diesel Exhaust Fluid Quality Sensor Fluid Temperature	72	°F
Aftertreatment Diesel Exhaust Fluid Tank Heating Valve Position Commanded	Closed	
Aftertreatment Diesel Exhaust Fluid Tank Level	100	percent
Aftertreatment Diesel Exhaust Fluid Tank Temperature	72	°F
Aftertreatment Diesel Exhaust Fluid Tank Temperature Sensor Voltage	0.00	V
Aftertreatment Diesel Exhaust Fluid Used	651.8	gal
Aftertreatment Diesel Oxidation Catalyst Intake Temperature	350.6	°F
Aftertreatment Diesel Particulate Filter Active Regeneration Elapsed Time	0000000:40	HHHHHH:MM
Aftertreatment Diesel Particulate Filter Ash Adjustment Factor	0.022	lb/ft3

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Data Monitors

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 Company Name :Cummins Inc.
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Parameter	Value	Units
Aftertreatment Diesel Particulate Filter Ash Load	20.4	percent
Aftertreatment Diesel Particulate Filter Differential Pressure	0.01	inHg
Aftertreatment Diesel Particulate Filter Differential Pressure Sensor Signal Voltage	0.69	V
Aftertreatment Diesel Particulate Filter Intake Temperature	379.4	°F
Aftertreatment Diesel Particulate Filter Lamp Status	Off	
Aftertreatment Diesel Particulate Filter Outlet Pressure	0.01	inHg
Aftertreatment Diesel Particulate Filter Outlet Pressure Sensor Signal Voltage	0.69	V
Aftertreatment Diesel Particulate Filter Outlet Temperature	368.6	°F
Aftertreatment Diesel Particulate Filter Passive Regeneration Elapsed Time	0001024:00	HHHHHH:MM
Aftertreatment Diesel Particulate Filter Regeneration Start Switch Status	Off	
Aftertreatment Diesel Particulate Filter Soot Load	0.04	oz
Aftertreatment Diesel Particulate Filter Soot Load Status	Normal	
Aftertreatment High Exhaust System Temperature Lamp Status	Off	
Aftertreatment Intake NOx	0	ppm
Aftertreatment Intake NOx Corrected	1	ppm
Aftertreatment Intake NOx Reading Stable	Reading Not Available	
Aftertreatment Outlet NOx	0	ppm
Aftertreatment Outlet NOx Corrected	0	ppm
Aftertreatment Outlet NOx Reading Stable	Reading Not Available	
Aftertreatment Particulate Matter Sensor	0.00	µA
Aftertreatment SCR Intake Temperature	369	°F
Aftertreatment SCR Outlet Temperature	324	°F
Aftertreatment System Operating State	Inactive	
Air Conditioning Pressure Switch	Off	
Amber Warning Lamp Status	On	
Anti Theft Status	Unlocked	
Barometric Air Pressure	29.5	inHg
Barometric Air Pressure Sensor Signal Voltage	0.00	V
Battery Voltage	13.8	V
Brake Pedal Position Switch	Depressed	

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 Company Name :Cummins Inc.
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Parameter	Value	Units
Calibration Software Phase	1646143D	
Clutch Pedal Position Switch	Released	
Crankcase Pressure	0.0	inH2O
Crankcase Pressure Sensor Signal Voltage	1.56	V
Cruise Control	Inactive	
Cruise Control Accelerate Switch	Off	
Cruise Control Coast Switch	Off	
Cruise Control On/Off Switch	Off	
Cruise Control Set / Resume Switch	Neutral	
Datalink Reference Speed	0	RPM
Diagnostic Test Mode Switch	Off	
Diesel Exhaust Fluid Line Heater 1 State	Off	
Diesel Exhaust Fluid Line Heater 2 State	Off	
Diesel Exhaust Fluid Line Heater 3 State	Off	
Diesel Exhaust Fluid Tank Heater State	Off	
ECM Key Off Time	100	s
ECM Real Time	Not Applicable	
ECM Time (Key On Time)	004737:16:31	HHHHHH:MM:SS
EGR Cooler Efficiency	100	percent
EGR Differential Pressure	0.019	inHg
EGR Differential Pressure Sensor Signal Voltage	1.00	V
EGR Temperature	-40.0	°F
EGR Temperature Sensor Signal Voltage	4.94	V
EGR Valve Position Commanded	0	percent
EGR Valve Position Measured (Percent Open)	8	percent
EGR Valve Position Sensor Signal Voltage	0.88	V
Engine Distance	168386.7	mi
Engine Brake Output Circuit 1	Inactive	
Engine Brake Output Circuit 2	Inactive	
Engine Brake Output Circuit 3	Inactive	

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 Company Name :Cummins Inc.
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Parameter	Value	Units
Engine Brake Output Circuit 4	Inactive	
Engine Brake Selector Switch 1	Off	
Engine Brake Switch Level	0	percent
Engine Coolant Level	Normal	
Engine Coolant Temperature	174.7	°F
Engine Coolant Temperature Sensor Signal Voltage	0.88	V
Engine Hours	004386:25:07	HHHHHH:MM:SS
Engine Oil Pressure Sensor Signal Voltage	0.00	V
Engine Oil Pressure Sensor Type	Switch	
Engine Oil Pressure Switch	Low	
Engine Operating State	Engine Stop	
Engine Protection Derate Suppress	Disable	
Engine Protection Shutdown Override Switch	Off	
Engine Speed	0	RPM
Engine Speed Backup Sensor State	Low Input Voltage	
Engine Speed Backup Synchronization State	No Pulse	
Engine Speed Main Sensor Signal State	Out of Range	
Engine Speed Main Sensor State	Low Input Voltage	
Engine Speed Main Synchronization State	No Pulse	
Engine Speed Sensor Active	Main	
Engine Speed Status	Stopped	
Engine Torque Mode	Other	
Exhaust Gas Pressure	29.66	inHg
Exhaust Gas Pressure Sensor Signal Voltage	0.88	V
Exhaust Volumetric Flowrate	0.05	ft3/s
Fan Control 2 Multiplexed Request Level	0.0	percent
Fan Control Command	100	percent
Fan Control Multiplexed Request Level	0	percent
Fan Drive State	Off	
Final Fueling	0.0	mg/stroke

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Data Monitors

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 Company Name :Cummins Inc.
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Parameter	Value	Units
Fuel Flow Rate Commanded	0.00	gph
Fuel Level	0	percent
Fuel Pump Actuator Commanded Current	0.00	mA
Fuel Pump Actuator Duty Cycle	5	percent
Fuel Pump Actuator Measured Current	62.50	mA
Fuel Pump Actuator Position	Open	
Fuel Rail Pressure Commanded	12247	psi
Fuel Rail Pressure Measured	6425	psi
Fuel Rail Pressure Rationality Sensor	28951	psi
Fuel Rail Pressure Rationality Sensor Voltage	0.51	V
Fuel Rail Pressure Sensor Signal Voltage	1.39	V
Fuel Tank Level Sensor 2 Level	99	percent
Instantaneous Fuel Economy	0.0	mpg
Intake Air Heater 1	Off	
Intake Air Heater 2	Off	
Intake Air Throttle Position	0	percent
Intake Air Throttle Position Commanded	0	percent
Intake Air Throttle Sensor Signal Voltage	0.0	V
Intake Manifold Air Temperature	121.4	°F
Intake Manifold Air Temperature Sensor Signal Voltage	0.63	V
Intake Manifold Pressure	0.0	inHg
Intake Manifold Pressure Sensor Signal Voltage	0.94	V
J1939 Engine Source Address	0	
J1939 Stop Broadcast Source Address One	0	
J1939 Stop Broadcast Source Address Three	0	
J1939 Stop Broadcast Source Address Two	0	
Keyswitch	On	
Keyswitch Off Counts	525	
Keyswitch On Counts	526	
Malfunction Indicator Lamp Status	On	

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Data Monitors

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Parameter	Value	Units
Multiplexed Accelerator Error Limp Home Switch State	Accelerator Pressed	
Net Engine Torque	0	ft*lb
OEM Ambient Air Temperature	78	°F
OEM Ambient Air Temperature Sensor Signal Voltage	3.19	V
Parking Brake Switch State	Off	
Percent Accelerator Pedal or Lever	0	percent
Percent Load	0	percent
PTO Additional Switch	Off	
PTO Decrement Switch	Off	
PTO High Power Device	Disengaged	
PTO Increment Switch	Off	
PTO On/Off Switch	Off	
PTO State	Inactive	
PTO Status	Inactive	
Red Stop Lamp Status	Off	
Sensor Supply 1	5.00	V
Sensor Supply 2	5.00	V
Sensor Supply 3	5.06	V
Sensor Supply 4	5.06	V
Sensor Supply 5	5.00	V
Sensor Supply 6	5.06	V
Tailshaft Speed	-1	RPM
Total Diesel Exhaust Fluid Used	651.8	gal
Transmission Gear Ratio	16.00	
Transmission Status	Out of Gear	
Turbocharger Actuator Position Commanded (Percent Closed)	85	percent
Turbocharger Actuator Position Measured (Percent Closed)	85	percent
Turbocharger Actuator Position Sensor Signal Voltage	0.00	V
Turbocharger Actuator Type	Electric	
Turbocharger Compressor Intake Air Temperature	10.7	°F

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Data Monitors

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Parameter	Value	Units
Turbocharger Compressor Intake Air Temperature Sensor Signal Voltage	3.19	V
Turbocharger Compressor Outlet Air Temperature (Calculated)	206.6	°F
Turbocharger Speed	0	RPM
Vehicle Speed	0	mph
VGT Actuator Temperature	195.8	°F
Wait To Start Lamp Status	Off	
Water In Fuel Detected Total Accumulated Time	000000:00:00	HHHHHH:MM:SS
Water in Fuel Sensor Signal Voltage	4.4	V
Water In Fuel State	No Water Detected	

Duty Cycle Monitor

Engine Serial Number :74687297
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Duty Cycle Monitor

Short Term Map 1



Engine Serial Number :74687297
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Duty Cycle Monitor

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
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Customer Name :Customer Name**

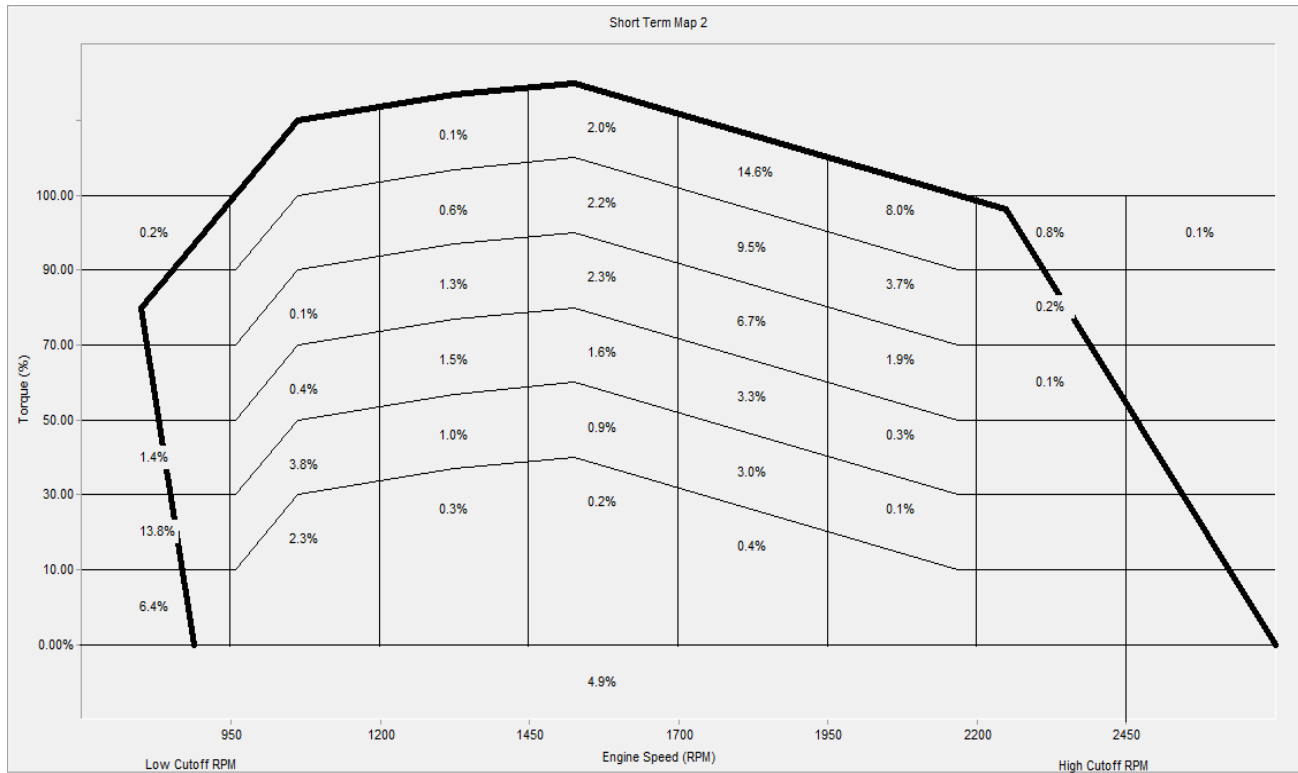
Parameter	Value	Unit
Peak Torque at RPM	520	ft*lb
Peak Torque RPM	1600	RPM
Advertised Power at RPM	220	hp
Advertised Power RPM	2400	RPM
Map 1 Hours Remaining	00:00:00	HH:MM:SS
Map 1 Total Time	500:00:00	HH:MM:SS
Map 1 Start Time	00:00:00	HH:MM:SS

Duty Cycle Monitor

Engine Serial Number :74687297
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INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
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Short Term Map 2



Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-082959

Duty Cycle Monitor

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-082959789
Customer Name :Customer Name**

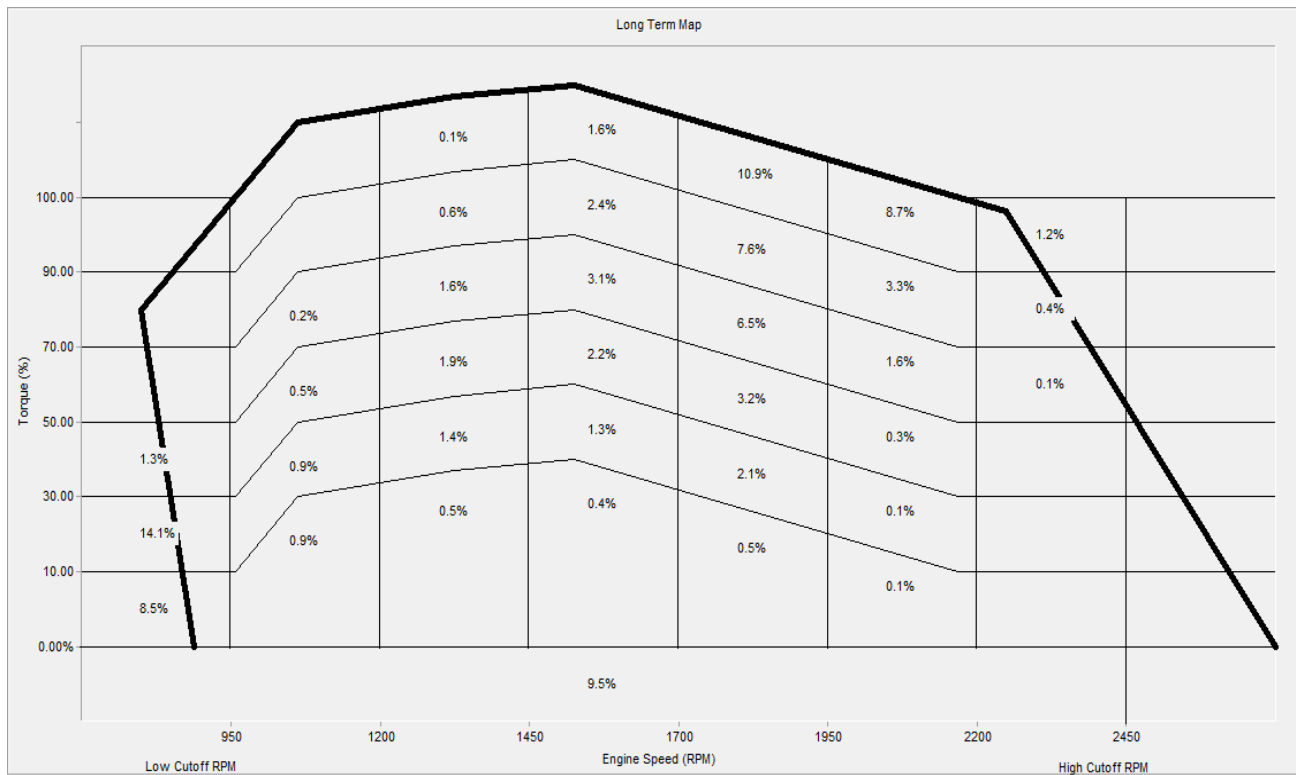
Parameter	Value	Unit
Peak Torque at RPM	520	ft*lb
Peak Torque RPM	1600	RPM
Advertised Power at RPM	220	hp
Advertised Power RPM	2400	RPM
Map 2 Hours Remaining	476:56:10	HH:MM:SS
Map 2 Total Time	23:03:50	HH:MM:SS
Map 2 Start Time	00:00:00	HH:MM:SS

Duty Cycle Monitor

Engine Serial Number :74687297
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Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
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Long Term Map



Engine Serial Number :74687297
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Duty Cycle Monitor

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-082959789
Customer Name :Customer Name**

Parameter	Value	Unit
Peak Torque at RPM	520	ft*lb
Peak Torque RPM	1600	RPM
Advertised Power at RPM	220	hp
Advertised Power RPM	2400	RPM
Long Term Map Total Time	523:03:50	HH:MM:SS
Long Term Map Start Time	00:00:00	HH:MM:SS

Engine Serial Number :74687297
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Engine Abuse History

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
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Engine Abuse History

Parameter	Severity 1	Severity 2	Severity 3	Severity Total	Unit
Engine Oil Pressure	000000:00:00	000000:00:00	000000:04:44	000000:04:44	HHHHHH:MM:SS
Engine Oil Pressure	12 - 8	8 - 5	< 5	< 12	psi
Engine Speed	000001:25:18	000000:01:19	000000:00:00	000001:26:37	HHHHHH:MM:SS
Engine Speed	2700 - 2900	2900 - 3100	> 3100	> 2700	RPM
Engine Coolant Temperature	003780:35:29	000175:25:10	000000:00:20	003956:00:59	HHHHHH:MM:SS
Engine Coolant Temperature	180 - 200	200 - 220	> 220	> 180	°F
Intake Manifold Air Temperature	000000:00:00	000000:00:00	000000:00:00	000000:00:00	HHHHHH:MM:SS
Intake Manifold Air Temperature	210 - 230	230 - 250	> 250	> 210	°F
Engine Coolant Level	000189:33:17			000189:33:17	HHHHHH:MM:SS
Engine Coolant Level	Low			Low	
Crankcase Pressure	000000:00:00	000000:00:00	000000:00:00	000000:00:00	HHHHHH:MM:SS
Crankcase Pressure	14 - 15	15 - 20	> 20	> 14	inH2O
Parameter	Value	Unit			
Engine Hours	004386:25:07	HHHHHH:MM:SS			

Engine Serial Number :74687297
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Engine Protection

INSITE - 8.8.0.101 / Datapack 8.8.00101
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Engine Protection

Description	Fault Code	Occurrence	Value	Duration	ECM Time (Key On Time)	ECM Real Time
<input type="checkbox"/> Coolant Level - Data Valid But Below Normal Operating Range - Moderately Severe Level	197	Newest	Low	000000:02:05	003521:34:32	Not Applicable
	197	2	Low	000000:02:26	003521:30:47	Not Applicable
	197	Oldest	Low	000000:02:07	003521:25:00	Not Applicable

Engine Protection Setting

Engine Serial Number :74687297
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Engine Protection Setting

Engine Protection Derate Suppress				Disable					
Channel	Torque Derate	Fault Code	Derate Type	Threshold		Delay Before Derate	Time Based Torque Shutdown	Time for Flashing Lamp	Time Before Lamp Flashes Because Of Torque Shutdown
Engine Coolant Temperature	Enable	2963	Severity	225.0 °F		5 s	Undefined	30 s	Undefined
Engine Oil Pressure	Enable	0143	Time	rpm	Oil Pressure	5 s	Enable	30 s	10 s
				300	-0.7 psi				
				690	0.0 psi				
				700	8.0 psi				
				1200	8.0 psi				
				1600	8.0 psi				
				2500	8.0 psi				

Engine Protection Setting

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Intake Manifold Ai Temperature	Enable	2964	Severity	250.0 °F	5 s	Undefined	30 s	Undefined
Crankcase Pressure	Enable	0555	Time	20 inH2O	30 s	Undefined	30 s	Undefined
Engine Coolant Level	Enable	0197	Time	Low	20 s	Disable	Undefined	25 s

Engine Protection Setting

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Engine Protection Derate Suppress				Disable					
Channel	RPM Derate	Fault Code	Derate Type	Threshold		Delay Before Derate	Time Based RPM Shutdown	Time for Flashing Lamp	Time Before Lamp Flashes Because Of RPM Shutdown
Engine Coolant Temperature	Enable	0151	Time	235.0 °F		5 s	Disable	30 s	1023 s
Engine Oil Pressure	Enable	0415	Time	rpm	Oil Pressure	5 s	Enable	30 s	10 s
				300	-0.7 psi				
				690	0.0 psi				
				700	8.0 psi				
				1200	8.0 psi				
				1600	8.0 psi				
				2500	8.0 psi				
Intake Manifold Air Temperature	Enable	0488	Time	270.0 °F		5 s	Disable	30 s	1023 s
Engine Overspeed	Enable	0234	Time	3600 RPM		0 s	Undefined	Undefined	Undefined

Engine Protection Setting

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

EGR Temperature	Enable	2962	Time	474.8 °F	5 s	Undefined	30 s	Undefined
EPD DPF Soot Load RPM Derate Shutdown Time Before Lamp	Enable	1921	Time	81.9 g	120 s	Disable	1023 s	1023 s

Engine Protection Setting

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**





Engine Protection Derate Suppress			Disable
Channel	Severity Based Shutdown	Threshold	Time for Flashing Lamp
Engine Coolant Temperature	Enable	235.0 °F	30 s
Intake Manifold Air Temperature	Enable	275.0 °F	30 s
EGR Temperature	Enable	474.8 °F	30 s

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Fault Codes

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**








Fault Codes

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
<input type="checkbox"/> CM2350A	ECM Time (Key On Time)	004737:16:31		HHHHHH:MM:SS					
	Engine Hours	004386:25:07		HHHHHH:MM:SS					
	Keyoffs	525							
<input checked="" type="checkbox"/>  5867	Active	1	Amber	Aftertreatment Diesel Exhaust Fluid Dosing Unit Relay Feedback - Voltage Below Normal or Shorted to Low Source			4	4	520953
<input checked="" type="checkbox"/>  0241	Active	1	Amber	Wheel-Based Vehicle Speed - Data Erratic Intermittent, or Incorrect	84		2	2	84
<input checked="" type="checkbox"/>  0755	Active	1	Amber	Injector Metering Rail 1 Pressure - Mechanical System Not Responding or Control of Adjustment	157		7	7	157
<input checked="" type="checkbox"/>  3567	Active	1	Amber	Aftertreatment 1 Diesel Exhaust Fluid Dosing Valve 1 Circuit - Current Below Normal or Open Circuit			5	5	5394

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Fault Codes

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
 3541	Active	1	Amber	Engine Intake Throttle Actuator Position Sensor Circuit - Voltage Below Normal or Shorted to Low Source			4	4	51
 0285	Active	1	Amber	SAE J1939 Multiplexing PGN Timeout Error - Abnormal Update Rate		231	9	9	639
 3328	Active	1	Amber	Transmission Output Shaft Speed - Abnormal Update Rate			9	9	191
 3526	Active	1	Amber	Wheel-Based Vehicle Speed - Abnormal Update Rate			9	9	84
 6339	Active	1	Amber	Fuel Level 1 - Abnormal Update Rate			9	9	96
 3497	Inactive	2	Maintenance	Aftertreatment 1 Diesel Exhaust Fluid Ta Level - Data Valid But Below Normal Operating Range - Least Severe Level			1	17	1761
 4691	Inactive	1	Amber	Engine Injector Metering Rail 1 Cranking Pressure - Data Valid But Below Normal Operating Range - Moderately Severe Level			1	18	5585

Fault Codes

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**


Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
3239	Inactive	1	Amber	Aftertreatment 1 Diesel Exhaust Fluid Li Heater 2 Circuit - Voltage Above Normal Shorted to High Source			3	3	4342
0249	Inactive	1	Amber	Ambient Air Temperature Sensor 1 Circu Voltage Above Normal or Shorted to Hig Source	171		3	3	171
0197	Inactive	1	Amber	Coolant Level - Data Valid But Below Normal Operating Range - Moderately Severe Level	111		1	18	111

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Fault Snapshot

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Snapshot

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
<input type="checkbox"/> CM2350A	ECM Time (Key On Time)	004737:16:31		HHHHHH:MM:SS					
	Engine Hours	004386:25:07		HHHHHH:MM:SS					
	Keyoffs	525							
<input type="checkbox"/>  5867	Active	1	Amber	Aftertreatment Diesel Exhaust Fluid Dosing Unit Relay Feedback - Voltage Below Normal or Shorted to Low Source			4	4	520953
	ECM Time (Key On Time)	004737:13:31	004737:13:31	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	40.1	40.1	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	59	59	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	553.6	553.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.26	0.26	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	592.3	592.3	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	-0.01	-0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	578.4	578.4	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switch Status	Off	Off						
	Aftertreatment Intake NOx Corrected	634	634	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment SCR Intake Temperature	578	578	°F					
	Aftertreatment SCR Outlet Temperature	510	510	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					
	Battery Voltage	13.8	13.8	V					
	Brake Pedal Position Switc	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.2	0.2	inH2O					
	Cruise Control On/Off Switch	On	On						
	EGR Differential Pressure	0.028	0.028	inHg					
	EGR Temperature	226.3	226.3	°F					
	EGR Valve Position Commanded	0	0	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	EGR Valve Position Measured (Percent Open)	0	0	percent					
	Engine Coolant Temperature	182.9	182.9	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.70	29.70	inHg					
	Exhaust Volumetric Flowrate	5.64	5.64	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	3294	3294	psi					
	Intake Air Throttle Position	0	0	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	78.8	78.8	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					
	OEM Ambient Air Temperature	23	23	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	On	On						
	Turbocharger Actuator Position Commanded (Percent Closed)	25	25	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	25	25	percent					
	Turbocharger Compressor Intake Air Temperature	43.3	43.3	°F					
	Turbocharger Speed	10156	10156	RPM					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Vehicle Speed	59	59	mph					
	VGT Actuator Temperature	174.2	174.2	°F					
 0241	Active	1	Amber	Wheel-Based Vehicle Speed - Data Erratic Intermittent, or Incorrect	84		2	2	84
	ECM Time (Key On Time)	004737:14:29	004737:14:29	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Initializing	Initializing						
	Aftertreatment Diesel Exhaust Fluid Pressure	28.9	28.9	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	32	32	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	32.0	32.0	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.00	0.00	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Intake Temperature	32.0	32.0	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	0.00	0.00	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	32.0	32.0	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switc Status	Off	Off						
	Aftertreatment Intake NOx Corrected	1	1	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	32	32	°F					
	Aftertreatment SCR Outlet Temperature	32	32	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment System Operating State	Undefined	Undefined						
	Barometric Air Pressure	0.0	0.0	inHg					
	Battery Voltage	13.6	13.6	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	-0.046	-0.046	inHg					
	EGR Temperature	932.0	932.0	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	8	8	percent					
	Engine Coolant Temperature	32.0	32.0	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.53	29.53	inHg					
	Exhaust Volumetric Flowrate	0.00	0.00	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	5802	5802	psi					
	Fuel Rail Pressure Measured	4750	4750	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	121.6	121.6	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Intake Manifold Pressure	23.8	23.8	inHg					
	OEM Ambient Air Temperature	32	32	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	100	100	percent					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	4	4	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	0	0	percent					
	Turbocharger Compressor Intake Air Temperature	32.0	32.0	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					
	VGT Actuator Temperature	32.0	32.0	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
 0755	Active	1	Amber	Injector Metering Rail 1 Pressure - Mechanical System Not Responding or C of Adjustment	157		7	7	157
	ECM Time (Key On Time)	004737:14:34	004737:14:34	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Initializing	Initializing						
	Aftertreatment Diesel Exhaust Fluid Pressure	15.6	15.6	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	72	72	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	350.6	350.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.00	0.00	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	379.4	379.4	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	368.6	368.6	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switch Status	On	On						
	Aftertreatment Intake NOx Corrected	1	1	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	369	369	°F					
	Aftertreatment SCR Outlet Temperature	324	324	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Battery Voltage	13.8	13.8	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	0.009	0.009	inHg					
	EGR Temperature	-40.0	-40.0	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	8	8	percent					
	Engine Coolant Temperature	175.1	175.1	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.59	29.59	inHg					
	Exhaust Volumetric Flowrate	0.03	0.03	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	6432	6432	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	121.5	121.5	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	OEM Ambient Air Temperature	302	302	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	85	85	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	85	85	percent					
	Turbocharger Compressor Intake Air Temperature	10.9	10.9	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					
	VGT Actuator Temperature	195.8	195.8	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
 3567	Active	1	Amber	Aftertreatment 1 Diesel Exhaust Fluid Dosing Valve 1 Circuit - Current Below Normal or Open Circuit			5	5	5394
	ECM Time (Key On Time)	004737:14:36	004737:14:36	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Initializing	Initializing						
	Aftertreatment Diesel Exhaust Fluid Pressure	15.5	15.5	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	72	72	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	350.6	350.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.00	0.00	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	379.4	379.4	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	368.6	368.6	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switc Status	On	On						
	Aftertreatment Intake NOx Corrected	1	1	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	369	369	°F					
	Aftertreatment SCR Outlet Temperature	324	324	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Battery Voltage	13.8	13.8	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	0.005	0.005	inHg					
	EGR Temperature	-40.0	-40.0	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	8	8	percent					
	Engine Coolant Temperature	174.9	174.9	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.66	29.66	inHg					
	Exhaust Volumetric Flowrate	0.03	0.03	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	6445	6445	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	121.5	121.5	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	OEM Ambient Air Temperature	302	302	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	85	85	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	85	85	percent					
	Turbocharger Compressor Intake Air Temperature	10.8	10.8	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					
	VGT Actuator Temperature	195.8	195.8	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
 3541	Active	1	Amber	Engine Intake Throttle Actuator Position Sensor Circuit - Voltage Below Normal or Shorted to Low Source			4	4	51
	ECM Time (Key On Time)	004737:14:37	004737:14:37	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	15.2	15.2	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	72	72	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	350.6	350.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.00	0.00	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	379.4	379.4	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	368.6	368.6	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switc Status	On	On						
	Aftertreatment Intake NOx Corrected	1	1	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	369	369	°F					
	Aftertreatment SCR Outlet Temperature	324	324	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Battery Voltage	13.9	13.9	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	0.009	0.009	inHg					
	EGR Temperature	-40.0	-40.0	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	8	8	percent					
	Engine Coolant Temperature	174.8	174.8	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.59	29.59	inHg					
	Exhaust Volumetric Flowrate	0.04	0.04	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	6445	6445	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	121.5	121.5	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	OEM Ambient Air Temperature	302	302	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	85	85	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	85	85	percent					
	Turbocharger Compressor Intake Air Temperature	10.8	10.8	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					
	VGT Actuator Temperature	195.8	195.8	°F					
 0285	Active	1	Amber	SAE J1939 Multiplexing PGN Timeout Error - Abnormal Update Rate		231	9	9	639

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	No fault snapshot data detected in the ECM.								
 3328	Active	1	Amber	Transmission Output Shaft Speed - Abnormal Update Rate			9	9	191
	ECM Time (Key On Time)	004737:14:59	004737:14:59	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	15.5	15.5	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	72	72	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	350.6	350.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	379.4	379.4	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	368.6	368.6	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switch Status	On	On						
	Aftertreatment Intake NOx Corrected	1	1	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	369	369	°F					
	Aftertreatment SCR Outlet Temperature	324	324	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Battery Voltage	13.9	13.9	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	0.019	0.019	inHg					
	EGR Temperature	-40.0	-40.0	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	8	8	percent					
	Engine Coolant Temperature	174.7	174.7	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.67	29.67	inHg					
	Exhaust Volumetric Flowrate	0.05	0.05	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	6459	6459	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	121.4	121.4	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	OEM Ambient Air Temperature	117	117	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	85	85	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	85	85	percent					
	Turbocharger Compressor Intake Air Temperature	10.8	10.8	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					
	VGT Actuator Temperature	195.8	195.8	°F					
 3526	Active	1	Amber	Wheel-Based Vehicle Speed - Abnormal Update Rate			9	9	84

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	ECM Time (Key On Time)	004737:14:59	004737:14:59	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	15.5	15.5	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	72	72	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	350.6	350.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	379.4	379.4	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	0.01	0.01	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	368.6	368.6	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switc Status	On	On						
	Aftertreatment Intake NOx Corrected	1	1	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	369	369	°F					
	Aftertreatment SCR Outlet Temperature	324	324	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					
	Battery Voltage	13.9	13.9	V					
	Brake Pedal Position Switc	Depressed	Depressed						

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	0.019	0.019	inHg					
	EGR Temperature	-40.0	-40.0	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	8	8	percent					
	Engine Coolant Temperature	174.7	174.7	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Exhaust Gas Pressure	29.67	29.67	inHg					
	Exhaust Volumetric Flowrate	0.05	0.05	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	6459	6459	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	121.4	121.4	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					
	OEM Ambient Air Temperature	117	117	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	85	85	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	85	85	percent					
	Turbocharger Compressor Intake Air Temperature	10.8	10.8	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					
	VGT Actuator Temperature	195.8	195.8	°F					
 6339	Active	1	Amber	Fuel Level 1 - Abnormal Update Rate			9	9	96
	ECM Time (Key On Time)	004737:14:59	004737:14:59	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	15.5	15.5	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	72	72	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	350.6	350.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	379.4	379.4	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	368.6	368.6	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switch Status	On	On						
	Aftertreatment Intake NOx Corrected	1	1	ppm					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	369	369	°F					
	Aftertreatment SCR Outlet Temperature	324	324	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					
	Battery Voltage	13.9	13.9	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	0.019	0.019	inHg					
	EGR Temperature	-40.0	-40.0	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	8	8	percent					
	Engine Coolant Temperature	174.7	174.7	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.67	29.67	inHg					
	Exhaust Volumetric Flowrate	0.05	0.05	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Fuel Rail Pressure Measured	6459	6459	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	121.4	121.4	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					
	OEM Ambient Air Temperature	117	117	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	85	85	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	85	85	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Turbocharger Compressor Intake Air Temperature	10.8	10.8	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					
	VGT Actuator Temperature	195.8	195.8	°F					
 3497	Inactive	2	Maintenance	Aftertreatment 1 Diesel Exhaust Fluid Tank Level - Data Valid But Below Normal Operating Range - Least Severe Level			1	17	1761
	ECM Time (Key On Time)	004322:54:49	004390:43:29	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Dosing	Dosing						
	Aftertreatment Diesel Exhaust Fluid Pressure	120.8	121.5	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	95	90	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	635.0	603.1	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.72	0.66	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	554.7	909.3	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	1.37	2.42	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	553.2	948.3	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switch Status	Off	Off						
	Aftertreatment Intake NOx Corrected	843	1040	ppm					
	Aftertreatment Outlet NOx Corrected	29	195	ppm					
	Aftertreatment SCR Intake Temperature	553	950	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment SCR Outlet Temperature	549	922	°F					
	Aftertreatment System Operating State	Inactive	Active Regeneration or Cleaning						
	Barometric Air Pressure	29.4	29.4	inHg					
	Battery Voltage	14.1	14.1	V					
	Brake Pedal Position Switch	Released	Released						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	2.6	3.7	inH2O					
	Cruise Control On/Off Switch	Off	On						
	EGR Differential Pressure	0.925	0.366	inHg					
	EGR Temperature	265.9	222.8	°F					
	EGR Valve Position Commanded	19	10	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	EGR Valve Position Measured (Percent Open)	21	10	percent					
	Engine Coolant Temperature	197.6	199.4	°F					
	Engine Hours	004004:18:55	004068:17:04	HHHHHH:MM:SS					
	Engine Oil Pressure	47.0	52.0	psi					
	Engine Operating State	Maximum Throttle	Maximum Throttle						
	Engine Speed	1766	2108	RPM					
	Engine Torque Mode	Torque Limiting	Torque Limiting						
	Exhaust Gas Pressure	75.25	78.63	inHg					
	Exhaust Volumetric Flowrate	11.36	12.02	ft3/s					
	Fan Drive State	Off	Air Conditioning Pressure Switch						
	Fuel Rail Pressure Commanded	24582	24670	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Fuel Rail Pressure Measured	24502	23594	psi					
	Intake Air Throttle Position	10	10	percent					
	Intake Air Throttle Position Commanded	10	10	percent					
	Intake Manifold Air Temperature	142.7	135.4	°F					
	Intake Manifold Pressure	34.0	32.9	inHg					
	OEM Ambient Air Temperature	87	79	°F					
	Percent Accelerator Pedal or Lever	100	100	percent					
	Percent Load	100	100	percent					
	PTO On/Off Switch	Off	On						
	Turbocharger Actuator Position Commanded (Percent Closed)	72	56	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	71	55	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Turbocharger Compressor Intake Air Temperature	98.0	97.7	°F					
	Turbocharger Speed	95875	99664	RPM					
	Vehicle Speed	57	27	mph					
	VGT Actuator Temperature	199.4	206.6	°F					
 4691	Inactive	1	Amber	Engine Injector Metering Rail 1 Cranking Pressure - Data Valid But Below Normal Operating Range - Moderately Severe Level			1	18	5585
	ECM Time (Key On Time)	004714:14:37	004714:14:37	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	2.7	2.7	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	30	30	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	28.1	28.1	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Differential Pressure	-0.03	-0.03	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	29.0	29.0	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	-0.06	-0.06	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	29.2	29.2	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switch Status	Off	Off						
	Aftertreatment Intake NOx Corrected	1	1	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	29	29	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment SCR Outlet Temperature	28	28	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.9	29.9	inHg					
	Battery Voltage	10.3	10.3	V					
	Brake Pedal Position Switc	Released	Released						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	2.2	2.2	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	0.023	0.023	inHg					
	EGR Temperature	28.3	28.3	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	0	0	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Coolant Temperature	31.9	31.9	°F					
	Engine Hours	004366:38:58	004366:38:58	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					
	Engine Operating State	Crank State	Crank State						
	Engine Speed	189	189	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	30.54	30.54	inHg					
	Exhaust Volumetric Flowrate	0.09	0.09	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	5802	5802	psi					
	Fuel Rail Pressure Measured	51	51	psi					
	Intake Air Throttle Position	12	12	percent					
	Intake Air Throttle Position Commanded	10	10	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Intake Manifold Air Temperature	31.6	31.6	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					
	OEM Ambient Air Temperature	26	26	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	100	100	percent					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	85	85	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	85	85	percent					
	Turbocharger Compressor Intake Air Temperature	28.9	28.9	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	VGT Actuator Temperature	30.2	30.2	°F					
 3239	Inactive	1	Amber	Aftertreatment 1 Diesel Exhaust Fluid Li Heater 2 Circuit - Voltage Above Normal Shorted to High Source			3	3	4342
	ECM Time (Key On Time)	004737:13:32	004737:13:32	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	37.1	37.1	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	59	59	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	553.6	553.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.24	0.24	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Intake Temperature	592.3	592.3	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	-0.01	-0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	578.4	578.4	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switc Status	Off	Off						
	Aftertreatment Intake NOx Corrected	634	634	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	578	578	°F					
	Aftertreatment SCR Outlet Temperature	510	510	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					
	Battery Voltage	13.7	13.7	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.3	0.3	inH2O					
	Cruise Control On/Off Switch	On	On						
	EGR Differential Pressure	0.032	0.032	inHg					
	EGR Temperature	225.9	225.9	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	0	0	percent					
	Engine Coolant Temperature	182.8	182.8	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.71	29.71	inHg					
	Exhaust Volumetric Flowrate	5.22	5.22	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	2757	2757	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	78.9	78.9	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Intake Manifold Pressure	0.0	0.0	inHg					
	OEM Ambient Air Temperature	22	22	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	On	On						
	Turbocharger Actuator Position Commanded (Percent Closed)	25	25	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	25	25	percent					
	Turbocharger Compressor Intake Air Temperature	43.4	43.4	°F					
	Turbocharger Speed	9133	9133	RPM					
	Vehicle Speed	59	59	mph					
	VGT Actuator Temperature	174.2	174.2	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
 0249	Inactive	1	Amber	Ambient Air Temperature Sensor 1 Circu Voltage Above Normal or Shorted to Hig Source	171		3	3	171
	ECM Time (Key On Time)	004737:13:38	004737:13:38	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	13.0	13.0	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	68	68	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	553.6	553.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.02	0.02	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	592.3	592.3	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	-0.01	-0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	578.4	578.4	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switc Status	Off	Off						
	Aftertreatment Intake NOx Corrected	634	634	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	578	578	°F					
	Aftertreatment SCR Outlet Temperature	510	510	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Battery Voltage	13.6	13.6	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.1	0.1	inH2O					
	Cruise Control On/Off Switch	On	On						
	EGR Differential Pressure	0.019	0.019	inHg					
	EGR Temperature	221.2	221.2	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	0	0	percent					
	Engine Coolant Temperature	181.7	181.7	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.70	29.70	inHg					
	Exhaust Volumetric Flowrate	1.59	1.59	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	417	417	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	79.6	79.6	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	OEM Ambient Air Temperature	12	12	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	On	On						
	Turbocharger Actuator Position Commanded (Percent Closed)	25	25	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	25	25	percent					
	Turbocharger Compressor Intake Air Temperature	46.2	46.2	°F					
	Turbocharger Speed	2633	2633	RPM					
	Vehicle Speed	59	59	mph					
	VGT Actuator Temperature	174.2	174.2	°F					
 0197	Inactive	1	Amber	Coolant Level - Data Valid But Below Normal Operating Range - Moderately Severe Level	111		1	18	111

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	ECM Time (Key On Time)	004737:14:01	004737:14:01	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	2.9	2.9	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	68	68	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	553.6	553.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	-0.06	-0.06	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	592.3	592.3	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	-0.02	-0.02	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	578.4	578.4	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switc Status	Off	Off						
	Aftertreatment Intake NOx Corrected	634	634	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	578	578	°F					
	Aftertreatment SCR Outlet Temperature	510	510	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.6	29.6	inHg					
	Battery Voltage	13.4	13.4	V					
	Brake Pedal Position Switc	Depressed	Depressed						

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	On	On						
	EGR Differential Pressure	0.019	0.019	inHg					
	EGR Temperature	200.1	200.1	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	0	0	percent					
	Engine Coolant Temperature	173.5	173.5	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Exhaust Gas Pressure	29.70	29.70	inHg					
	Exhaust Volumetric Flowrate	0.08	0.08	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	92	92	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	82.0	82.0	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					
	OEM Ambient Air Temperature	12	12	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	PTO On/Off Switch	On	On						
	Turbocharger Actuator Position Commanded (Percent Closed)	25	25	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	25	25	percent					
	Turbocharger Compressor Intake Air Temperature	62.5	62.5	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	59	59	mph					
	VGT Actuator Temperature	174.2	174.2	°F					

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters

Features and Parameters	ECM Value	Units
[-] B6.7 CM2350 B121B/B141B/B179B		
[-] CM2350A		
[-] System ID and Dataplate		
[-] Aftertreatment Information		
[-] System 1 Information		
Part Number	A062R566	
Serial Number	63197206519	
[-] Calibration Information		
Calibration Software Phase	1646143D	
Calibration Time/Date Stamp	040921185530	
DO Option	97471	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
ECM Code	HC80492.06	
Other Options		
SC Option	94717	
<input type="checkbox"/> Customer Information		
Customer Location	*****	
Customer Name	Customer Name**	
Customer Unit Number	*****	
<input type="checkbox"/> ECM Information		
ECM Name	CM2350A	
ECM Part Number	4384413	
ECM Serial Number	22636619	
<input type="checkbox"/> Engine Information		

Features and Parameters

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Engine Build Date	073020	
Engine Make	CMMNS	
Engine Model	6B u17D0670000000	
Engine Serial Number	74687297	
<input type="checkbox"/> System Information		
Advertised Power at RPM	220	hp
Advertised Power RPM	2400	RPM
Control Parts List	4569	
Fuel Code	FP93592	
Governed Speed	2600	RPM
Peak Torque at RPM	520	ft*lb
Peak Torque RPM	1600	RPM

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
<input type="checkbox"/> Vehicle/OEM Information		
OEM Name	DAIMLER TRUCKS	
OEM Vehicle or Equipment Model	M2 106	
Vehicle Identification Number or Equipment Serial Number	3ALACWFC1 MDMS3297	
Vehicle or Equipment Year	*****	
Accelerator Interlock	Disable	
<input type="checkbox"/> Accelerator Options	Enable	
Accelerator Type	Dual Analog	
Accelerator Brake Override	Disable	
<input type="checkbox"/> Adjustable Low Idle Speed	Enable	
Low Idle Speed	750	RPM
Low Idle Speed Adjustment Switch	Disable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
[-] Aftertreatment		
[-] Diesel Particulate Filter		
Active Regeneration in PTO and Remote Modes	Enable	
Aftertreatment Diesel Particulate Filter Stationary Regeneration with Parking Brake	Disable	
Aftertreatment Diesel Particulate Filter Temperature Stabilization	Enable	
[-] Automotive Mobile Regeneration	Enable	
Minimum Vehicle Speed	0	mph
Diesel Particulate Filter Lamp	Installed	
Diesel Particulate Filter Regeneration Permit Switch	Disable	
Diesel Particulate Filter Regeneration Start Switch	Enable	
[-] High Exhaust System Temperature Lamp Configuration	Enable	
Active Due to Regeneration	Enable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Active Maximum Speed	5	mph
Active Temperature	977	°F
Inactive Temperature	932	°F
SCR Aftertreatment		
Aftertreatment Diesel Exhaust Fluid Level System Configuration	Enable	
Aftertreatment Diesel Exhaust Fluid Low Level	10.0	percent
Aftertreatment Diesel Exhaust Fluid Warning Level	2.5	percent
Diesel Exhaust Fluid Heater		
Diesel Exhaust Fluid Heater Configuration	Enable	
Diesel Exhaust Fluid System Heating Type	Electric with Heated Connectors	
Diesel Exhaust Fluid Line Heater 1 Relay	Enable	
Diesel Exhaust Fluid Tank Heater 1 Relay	Enable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
<input type="checkbox"/> Alternator Failure Warning	Enable	
<input type="checkbox"/> Idle Speedup	Disable	
<input type="checkbox"/> Battery Power Required Lamp	Disable	
<input type="checkbox"/> Clutch Pedal Position Switch	Not Installed	
<input type="checkbox"/> Cruise Control	Enable	
<input type="checkbox"/> Cruise Control Lower Droop	0.0	mph
<input type="checkbox"/> Cruise Control Upper Droop	0.0	mph
<input type="checkbox"/> Maximum Cruise Control Speed	70	mph
<input type="checkbox"/> Adaptive Cruise	Disable	
<input type="checkbox"/> Cruise Control Auto-Resume	Disable	
<input type="checkbox"/> Cruise Control Pause Switch	Disable	
<input type="checkbox"/> Cruise Control Save Set Speed	Disable	

Features and Parameters

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
<input type="checkbox"/> Cruise Control and Engine Brake Interaction	Enable	
Start Maximum Engine Braking	6.2	mph
Start Minimum Engine Braking	3.0	mph
<input type="checkbox"/> Cruise Control Switch Setup		
Switch Setup	Set/Coast (Resume/Accelerate)	
<input type="checkbox"/> Electrical System Voltage		
Electrical System Voltage	12V	
<input type="checkbox"/> Engine Brake Control	Enable	
Delay Time	0.5	s
Engine Brake Type	Exhaust Brake OR Variable Geometry Turbocharger	
Minimum Vehicle Speed	9.9	mph
Clutch Pedal Activation	Enable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Engine Brake Lamp	Disable	
Service Brake Activation	Disable	
Engine Coolant Level Sensor	Installed	
Engine Coolant Level Sensor 2	Disable	
Engine Oil Pressure Sensor	Enable	
Engine Protection	Enable	
Engine Coolant Level	Enable	
Time Based Shutdown	Disable	
Torque Derate	Enable	
Limited Restart	Enable	
Shutdown	Enable	
Shutdown Manual Override	Disable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Enhanced Auxiliary Shutdown Switch	Disable	
<input checked="" type="checkbox"/> Fan Control	Enable	
Fan Control Logic	0 Volt On	
<input checked="" type="checkbox"/> Air Conditioning Pressure Switch Input	Enable	
Minimum Fan On Time for Air Conditioning Pressure Switch	30	s
Vehicle Speed Interaction	Enable	
Fan Control Switch	Disable	
<input checked="" type="checkbox"/> Fan Minimum Run Time	Enable	
Minimum Run Time	00:00:30	HH:MM:SS
Fan on with Engine Braking	Disable	
Fan on With Remote Throttle	Disable	
<input checked="" type="checkbox"/> Fan Type	On/Off	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
<input type="checkbox"/> Fast Idle Warmup	Enable	
<input type="checkbox"/> Idle Speed	1200	RPM
<input type="checkbox"/> PTO Load Threshold	10	percent
<input type="checkbox"/> Fuel Level Sensor 2	Enable	
<input type="checkbox"/> Gear Down Protection	Disable	
<input type="checkbox"/> Governor Type		
<input type="checkbox"/> Governor Type	Automotive	
<input type="checkbox"/> Governor Type Switch	Disable	
<input type="checkbox"/> High Soot Load Shutdown	Enable	
<input type="checkbox"/> Idle Shutdown	Enable	
<input type="checkbox"/> Idle Shutdown Coolant Temperature Threshold	30	°F
<input type="checkbox"/> Percent Engine Load	100	percent

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Time Before Shutdown	00:05:00	HH:MM:SS
Ambient Temperature Override	Disable	
Greenhouse Gas Idle Shutdown	Disable	
Idle Shutdown Service Brake Switch	Disable	
Idle Shutdown With Parking Brake Set	Disable	
In PTO	Disable	
Manual Override	Disable	
Shutdown Accessory Relay	Not Installed	
Warning Period	Disable	
Intake Air Heater	Enable	
<input type="checkbox"/> J1939 Controls	Enable	
<input type="checkbox"/> J1939 Service Reset	Enable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
J1939 Stop Broadcast Allowed	Enable	
J1939 Trip Reset	Enable	
Maintenance Monitor	Disable	
OEM Ambient Air Temperature Sensor	Enable	
<input type="checkbox"/> Parking Brake Switch	Enable	
Powertrain Protection	Disable	
<input type="checkbox"/> PTO	Enable	
PTO Speed 1 Device		
PTO Speed 2 Device		
PTO Speed 3 Device		
PTO Speed 4 Device		
PTO Speed 5 Device		

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
PTO Speed 6 Device		
PTO Speed 7 Device		
PTO Speed 8 Device		
Additional Switch Speed	950	RPM
Maximum Engine Load	800	ft*lb
Maximum Speed	1300	RPM
Maximum Vehicle Speed	5	mph
Minimum Speed	750	RPM
Ramp Rate	100	rpm/s
Resume Switch Speed	825	RPM
Set Switch Speed	825	RPM
Accelerator Pedal or Lever Override	Disable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Alternate Operation	Disable	
Cab PTO	Enable	
Clutch Override	Disable	
Ignore Vehicle Speed Source in PTO	Disable	
Parking Brake Interlock Type	None	
PTO Pump Mode	Disable	
Remote PTO	Disable	
Remote PTO Service Brake and Clutch Override	Disable	
Remote Station PTO	Disable	
Service Brake Override	Disable	
Transmission Driven PTO	Disable	
Transmission Neutral Interlock	Disable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Zero Vehicle Speed Source Limit	Disable	
Remote Accelerator Pedal or Lever	Disable	
<input type="checkbox"/> Road Speed Governor	Enable	
Maximum Accelerator Vehicle Speed	70	mph
Maximum Vehicle Speed	90	mph
Road Speed Governor Lower Droop	0	mph
Road Speed Governor Upper Droop	0	mph
Greenhouse Gas Vehicle Speed Limiter	Disable	
Reserve Speed	Disable	
Switched Maximum Vehicle Speed	Disable	
<input type="checkbox"/> SAE J1939 Multiplexing		
Accelerator Interlock Switch	Disable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Accelerator Pedal Or Lever Position	Disable	
Adaptive Cruise Control Usage Demand Switch	Disable	
<input type="checkbox"/> Aftertreatment Diesel Exhaust Fluid Tank Level Sensor	Enable	
Source Address	163 - Catalyst Fluid Sensor	
<input type="checkbox"/> Aftertreatment Diesel Exhaust Fluid Tank Temperature Sensor	Enable	
Source Address	163 - Catalyst Fluid Sensor	
Aftertreatment Regeneration Permit Switch	Disable	
<input type="checkbox"/> Aftertreatment Regeneration Start Switch	Enable	
Source Address	33 - Body Controller	
Air Conditioning Pressure Switch	Disable	
Auxiliary Shutdown Switch	Disable	
Clutch Pedal Position Switch	Disable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Cruise Control On/Off Switch	Disable	
Cruise Control Pause Switch	Disable	
Cruise Control Set / Resume Switch	Disable	
<input type="checkbox"/> Diagnostic Test Mode Switch	Enable	
<input type="checkbox"/> Source Address	33 - Body Controller	
<input type="checkbox"/> Engine Brake Switch Level	Enable	
<input type="checkbox"/> Source Address	33 - Body Controller	
Engine Protection Shutdown Manual Override	Disable	
Fan Control Switch	Disable	
Fan Control Switch 2	Disable	
<input type="checkbox"/> Fuel Level Sensor	Enable	
<input type="checkbox"/> Source Address	23 - Instrument Cluster #1	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Fuel Level Sensor 2	Disable	
Idle Increment/ Idle Decrement Switch	Disable	
Idle Validation Switch	Disable	
<input checked="" type="checkbox"/> Parking Brake	Enable	
<input type="checkbox"/> Source Address	33 - Body Controller	
PTO On/Off Switch	Disable	
PTO Set / Resume Switch	Disable	
Rear Axle Ratio Switch	Disable	
Remote Accelerator Pedal or Lever	Disable	
Remote Accelerator Pedal or Lever Switch	Disable	
Remote PTO Switch	Disable	
<input checked="" type="checkbox"/> Service Brake Switch	Enable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Source Address	33 - Body Controller	
Torque Derate Switch	Disable	
Wait To Start Lamp	Disable	
<input type="checkbox"/> Service Brake Switch	Enable	
Starter Lockout	Disable	
<input type="checkbox"/> Sudden Deceleration Event Settings	Enable	
Sudden Deceleration Rate Threshold	9.0	mph/s
Switched Maximum Engine Operating Speed	Disable	
<input type="checkbox"/> Transmission Setup	Enable	
Gear Down Transmission Ratio	0.71	
Top Gear Transmission Ratio	0.61	
Transmission Type	Automatic	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
<input type="checkbox"/> Trip Information	Enable	
ECM Distance Offset	0.0	mi
Engine Distance Offset	0.0	mi
Vehicle Overspeed 1	73.9	mph
Vehicle Overspeed 2	77.1	mph
ECM Time Offset	000000	HHHHHH
Engine Time Offset	000000	HHHHHH
Variable Rate Vehicle Acceleration Management	Disable	
<input type="checkbox"/> Vehicle Speed Source	Enable	
Maximum Engine Speed without Vehicle Speed Source	2200	RPM
Number of Transmission Tailshaft Gear Teeth	16	
Rear Axle Ratio	5.22	

Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-082959

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-082959789
Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Tire Size	495	revs/mi
Vehicle Speed Sensor Type	Data Link - Tailshaft	
Two Speed Rear Axle	Disable	
Water In Fuel Sensor	Installed	

Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-082959

Multi Level ECM Security

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-082959789
Customer Name :Customer Name**

Multi Level ECM Security

Password	Value
Master Password	Enabled
Adjustment Password	Enabled
Reset Password	Enabled
OEM Password	Disabled
OEM 2 Password	Disabled
Greenhouse Gas - Idle Shutdown Password	Disabled
Greenhouse Gas - Vehicle Speed Limiter Password	Disabled

SAE J1939 Multiplexed Fault Data

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

SAE J1939 Multiplexed Fault Data

Fault Code	Multiplexed Component or Data Parameter	Status	Total ECM Time (Key On Time)	ECM Real Time	
<input type="checkbox"/> CM2350A					
<input type="checkbox"/> 0285	SAE J1939 Multiplexing PGN Timeout Error				
	Aftertreatment Regeneration Start Switch	Active	004737:14:59	Not Applicable	
	Parking Brake	Active	004737:14:59	Not Applicable	
	Service Brake Switch	Active	004737:14:59	Not Applicable	
	Diagnostic Test Mode Switch	Active	004737:14:59	Not Applicable	
	Engine Brake Switch Level	Active	004737:14:59	Not Applicable	
<input type="checkbox"/> 0286	SAE J1939 Multiplexing Configuration Error				
	No SAE J1939 Multiplexed Fault Data is available for display because there has been no occurrence of Fault Code 0286				

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

System ID and Dataplate

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

System ID And Dataplate

Features and Parameters	ECM Value	Units
[-] B6.7 CM2350 B121B/B141B/B179B		
[-] CM2350A		
[-] System ID and Dataplate		
[-] Aftertreatment Information		
[-] System 1 Information		
Part Number	A062R566	
Serial Number	63197206519	
[-] Calibration Information		
Calibration Software Phase	1646143D	
Calibration Time/Date Stamp	040921185530	
DO Option	97471	

System ID and Dataplate

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
ECM Code	HC80492.06	
Other Options		
SC Option	94717	
<input type="checkbox"/> Customer Information		
Customer Location	*****	
Customer Name	Customer Name**	
Customer Unit Number	*****	
<input type="checkbox"/> ECM Information		
ECM Name	CM2350A	
ECM Part Number	4384413	
ECM Serial Number	22636619	
<input type="checkbox"/> Engine Information		

System ID and Dataplate

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Engine Build Date	073020	
Engine Make	CMMNS	
Engine Model	6B u17D0670000000	
Engine Serial Number	74687297	
<input type="checkbox"/> System Information		
Advertised Power at RPM	220	hp
Advertised Power RPM	2400	RPM
Control Parts List	4569	
Fuel Code	FP93592	
Governed Speed	2600	RPM
Peak Torque at RPM	520	ft*lb
Peak Torque RPM	1600	RPM

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

System ID and Dataplate

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
<input type="checkbox"/> Vehicle/OEM Information		
<input type="checkbox"/> OEM Name	DAIMLER TRUCKS	
<input type="checkbox"/> OEM Vehicle or Equipment Model	M2 106	
<input type="checkbox"/> Vehicle Identification Number or Equipment Serial Number	3ALACWFC1 MDMS3297	
<input type="checkbox"/> Vehicle or Equipment Year	*****	

Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-082959

Technician's Note

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-082959789
Customer Name :Customer Name**

Technician's Note

Description	ECM from NTSB INvestigation HWY23FH005
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Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

Trip Information

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Trip Information

Name	ECM Value	Units
[-] B6.7 CM2350 B121B/B141B/B179B		
[-] CM2350A		
[-] All Trips (Cumulative)		
[-] Aftertreatment		
♦ Diesel Exhaust Fluid to Fuel Consumption Ratio	4	percent
♦ Maximum Diesel Particulate Filter Differential Pressure	1.2	inHg
♦ Maximum Diesel Particulate Filter Soot Load	Normal	
♦ Number of Complete Regenerations	172	
♦ Number of Incomplete Regenerations	0	
♦ Total Diesel Exhaust Fluid Used	651.8	gal
[-] Distance		
♦ Cruise Control Distance	10671.4	mi
♦ ECM Distance	168428.9	mi
♦ Engine Distance	168386.7	mi
♦ Engine Brake Distance	1285.7	mi
♦ Gear Down Distance	70722.5	mi
♦ Maximum Accelerator Vehicle Speed Distance	29935.9	mi
♦ Service Brake Distance	5626.1	mi
♦ Top Gear Distance	67034.7	mi
[-] Fuel Used		
♦ Coast Fuel Used	3.5	gal
♦ Cruise Control Fuel Used	1075.1	gal
♦ Drive Fuel Used	15919.4	gal
♦ Fuel Consumed for Aftertreatment Injection	63.9	gal
♦ Fuel Used	16649.9	gal
♦ Gear Down Fuel Used	7369.2	gal

Trip Information

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Name	ECM Value	Units
Idle Fuel Used	339.9	gal
Loaded PTO Drive Fuel Used	0.0	gal
Loaded PTO Stationary Fuel Used	0.0	gal
Maximum Accelerator Vehicle Speed Fuel Used	2279.5	gal
PTO Device 1 Total Fuel Used	43	gal
PTO Device 2 Total Fuel Used	206	gal
PTO Device 3 Total Fuel Used	0	gal
PTO Device 4 Total Fuel Used	0	gal
PTO Device 5 Total Fuel Used	0	gal
PTO Device 6 Total Fuel Used	0	gal
PTO Device 7 Total Fuel Used	0	gal
PTO Device 8 Total Fuel Used	0	gal
PTO Drive Fuel Used	3.2	gal
PTO Fuel Used	255.1	gal
Top Gear Fuel Used	4576.2	gal
Multiple PTO		
PTO Speed 1 Device		
PTO Speed 2 Device		
PTO Speed 3 Device		
PTO Speed 4 Device		
PTO Speed 5 Device		
PTO Speed 6 Device		
PTO Speed 7 Device		
PTO Speed 8 Device		
Other		
Average Engine Load	50.0	percent
Average Engine Speed	1512	RPM
Drive Average Power	113	hp
Engine Brake Activations	32885	
Engine Protection Shutdown Manual Override	0	

Trip Information

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Name	ECM Value	Units
◆ Maximum Engine Speed	3110	RPM
◆ Number Of Trip Resets	0	
[-] 📁 Time		
◆ Coast Time	000161:43:03	HHHHHH:MM:SS
◆ Cruise Control Time	000159:32:07	HHHHHH:MM:SS
◆ Drive Time	003203:40:04	HHHHHH:MM:SS
◆ ECM Time (Key On Time)	004737:16:31	HHHHHH:MM:SS
◆ Engine Brake Time	000033:52:56	HHHHHH:MM:SS
◆ Engine Run Time	004386:25:07	HHHHHH:MM:SS
◆ Full Load Operation Time	000671:51:22	HHHHHH:MM:SS
◆ Gear Down Time	001195:02:53	HHHHHH:MM:SS
◆ Idle Time	000536:08:01	HHHHHH:MM:SS
◆ Loaded PTO Drive Time	000000:00:00	HHHHHH:MM:SS
◆ Loaded PTO Stationary Time	000000:00:01	HHHHHH:MM:SS
◆ Maximum Accelerator Vehicle Speed Time	000428:25:21	HHHHHH:MM:SS
◆ PTO Device 1 Total Time	0000041:46	HHHHHH:MM
◆ PTO Device 2 Total Time	0000224:05	HHHHHH:MM
◆ PTO Device 3 Total Time	0000000:00	HHHHHH:MM
◆ PTO Device 4 Total Time	0000000:00	HHHHHH:MM
◆ PTO Device 5 Total Time	0000000:00	HHHHHH:MM
◆ PTO Device 6 Total Time	0000000:00	HHHHHH:MM
◆ PTO Device 7 Total Time	0000000:00	HHHHHH:MM
◆ PTO Device 8 Total Time	0000000:00	HHHHHH:MM
◆ PTO Drive Time	000003:15:14	HHHHHH:MM:SS
◆ Service Brake Time	000254:00:13	HHHHHH:MM:SS
◆ Top Gear Time	001024:58:50	HHHHHH:MM:SS
◆ Total PTO Time	000484:19:28	HHHHHH:MM:SS
[-] 📁 Trip Since Last Reset		
[-] 📁 Aftertreatment		
◆ Aftertreatment Diesel Exhaust Fluid Used	651.8	gal

Trip Information

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Name	ECM Value	Units
⚡ Diesel Exhaust Fluid to Fuel Consumption Ratio	4	percent
⚡ Maximum Diesel Particulate Filter Differential Pressure	1.2	inHg
⚡ Maximum Diesel Particulate Filter Soot Load	Normal	
⚡ Number of Complete Regenerations	172	
⚡ Number of Incomplete Regenerations	0	
[-] 📁 Fuel Used		
⚡ Average Fuel Economy	10.1	mpg
⚡ Average Fuel Rate	3.8	gph
⚡ Fuel Consumed for Aftertreatment Injection	62.7	gal
⚡ Fuel Used	16621.4	gal
⚡ Idle Fuel Used	339.9	gal
⚡ Loaded PTO Stationary Fuel Used	0.0	gal
⚡ PTO Device 1 Trip Fuel Used	43	gal
⚡ PTO Device 2 Trip Fuel Used	206	gal
⚡ PTO Device 3 Trip Fuel Used	0	gal
⚡ PTO Device 4 Trip Fuel Used	0	gal
⚡ PTO Device 5 Trip Fuel Used	0	gal
⚡ PTO Device 6 Trip Fuel Used	0	gal
⚡ PTO Device 7 Trip Fuel Used	0	gal
⚡ PTO Device 8 Trip Fuel Used	0	gal
⚡ PTO Fuel Used	255.1	gal
[-] 📁 Other		
⚡ Average Engine Load	50.0	percent
⚡ Average Engine Speed	1512	RPM
⚡ Engine Protection Shutdown Manual Override	0	
⚡ Keyswitch Cycles	5386	
⚡ Maximum Engine Speed	3110	RPM
⚡ Number of Idle Shutdown Overrides	0	
⚡ Number of Idle Shutdowns	1777	
[-] 📁 Time		

Trip Information

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Name	ECM Value	Units
⚡ ECM Time	004669:24:57	HHHHHH:MM:SS
⚡ Engine Protection Time Derated	000076:27:03	HHHHHH:MM:SS
⚡ Engine Run Time	004386:42:24	HHHHHH:MM:SS
⚡ Fan On Time	000223:56:14	HHHHHH:MM:SS
⚡ Fan Time Due To Air Conditioning Pressure Switch	000210:18:58	HHHHHH:MM:SS
⚡ Fan Time Due To Engine Conditions	000013:37:16	HHHHHH:MM:SS
⚡ Fan Time Due To Fan Control Switch	000000:00:00	HHHHHH:MM:SS
⚡ Fan Time Without Vehicle Speed	000205:13:40	HHHHHH:MM:SS
⚡ Full Load Operation Time	000671:51:22	HHHHHH:MM:SS
⚡ Idle Time	000536:08:01	HHHHHH:MM:SS
⚡ Loaded PTO Stationary Time	000000:00:01	HHHHHH:MM:SS
⚡ Maximum Accelerator Vehicle Speed Time	000428:25:21	HHHHHH:MM:SS
⚡ Percent Trip Time At Idle	12.2	percent
⚡ PTO Device 1 Trip Time	0000041:46	HHHHHH:MM
⚡ PTO Device 2 Trip Time	0000224:05	HHHHHH:MM
⚡ PTO Device 3 Trip Time	0000000:00	HHHHHH:MM
⚡ PTO Device 4 Trip Time	0000000:00	HHHHHH:MM
⚡ PTO Device 5 Trip Time	0000000:00	HHHHHH:MM
⚡ PTO Device 6 Trip Time	0000000:00	HHHHHH:MM
⚡ PTO Device 7 Trip Time	0000000:00	HHHHHH:MM
⚡ PTO Device 8 Trip Time	0000000:00	HHHHHH:MM
⚡ PTO Time	000484:19:28	HHHHHH:MM:SS
📁 Trip Since Last Reset Drive (Vehicle Speed > 0)		
📁 Distance		
⚡ Coast Distance	7278.7	mi
⚡ Cruise Control Distance	10671.4	mi
⚡ ECM Distance	168428.8	mi
⚡ Engine Brake Distance	1285.7	mi
⚡ Engine Distance	168388.2	mi
⚡ Gear Down Distance	70722.5	mi

Trip Information

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Name	ECM Value	Units
◆ Loaded PTO Drive Distance	0.0	mi
◆ Maximum Accelerator Vehicle Speed Distance	29935.9	mi
◆ PTO Drive Distance	10.0	mi
◆ Service Brake Distance	5626.1	mi
◆ Top Gear Distance	67034.7	mi
◆ Trip Drive Distance	168378.2	mi
◆ Vehicle Overspeed 1 Distance	1.1	mi
◆ Vehicle Overspeed 2 Distance	0.0	mi
[-] Fuel Used		
◆ Coast Fuel Used	3.5	gal
◆ Cruise Control Fuel Used	1075.1	gal
◆ Drive Average Fuel Economy	10.6	mpg
◆ Drive Fuel Used	15919.4	gal
◆ Gear Down Fuel Used	7369.2	gal
◆ Loaded PTO Drive Fuel Used	0.0	gal
◆ Maximum Accelerator Vehicle Speed Fuel Used	2279.5	gal
◆ PTO Drive Fuel Used	3.2	gal
◆ Top Gear Fuel Used	4576.2	gal
◆ Vehicle Overspeed 1 Fuel Used	0.0	gal
◆ Vehicle Overspeed 2 Fuel Used	0.0	gal
[-] Other		
◆ Average Vehicle Speed	38	mph
◆ Drive Average Engine Speed	1749	RPM
◆ Drive Average Load	62.0	percent
◆ Drive Average Power	113	hp
◆ Engine Brake Activations	32885	
◆ Engine Brakes Percent Time	0.8	percent
◆ Maximum Accelerator Vehicle Speed	10	percent
◆ Maximum Vehicle Speed	76	mph
◆ Number of Sudden Decelerations	114	

Trip Information

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-082959

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-082959789
 Customer Name :Customer Name**

Name	ECM Value	Units
⚡ Out of Gear Coasts	0	
⚡ Service Brake Actuations	190911	
📁 Time		
⚡ Coast Time	000161:43:03	HHHHHH:MM:SS
⚡ Cruise Control Time	000159:32:07	HHHHHH:MM:SS
⚡ Drive Time	003203:40:04	HHHHHH:MM:SS
⚡ Engine Brake Time	000033:52:56	HHHHHH:MM:SS
⚡ Fan Time With Vehicle Speed	000018:42:34	HHHHHH:MM:SS
⚡ Gear Down Time	001195:02:53	HHHHHH:MM:SS
⚡ Loaded PTO Drive Time	000000:00:00	HHHHHH:MM:SS
⚡ Maximum Accelerator Vehicle Speed Time	000428:25:21	HHHHHH:MM:SS
⚡ Out of Gear Coast Time	000000:00:00	HHHHHH:MM:SS
⚡ PTO Drive Time	000003:15:14	HHHHHH:MM:SS
⚡ Service Brake Time	000254:00:13	HHHHHH:MM:SS
⚡ Top Gear Time	001024:58:50	HHHHHH:MM:SS
⚡ Vehicle Overspeed 1 Time	000000:00:51	HHHHHH:MM:SS
⚡ Vehicle Overspeed 2 Time	000000:00:00	HHHHHH:MM:SS

Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-084146318
Customer Name :Customer Name**

ECM Image

WorkOrder Information

Work Order Name :	WO-20230307-084103
Customer Name :	Customer Name**
Technician's Note	CM2350 NTSB HWY23FH005 2nd connection
Status	Good
Engine Serial Number	74687297
Vehicle ID	3ALACWFC1MDMS3297
Vehicle Make	DAIMLER TRUCKS
Vehicle Unit Number	*****
Vehicle Odometer	Enter Vehicle Mileage

Image Information

Date	07-Mar-2023 08:41:46 AM
File Location	C:\Intelect\INSITE\Work Orders\I-20230307-084146318
Technician's Note	CM2350 NTSB HWY23FH005
ECM	CM2350A
Status	Good

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Aftertreatment History

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Aftertreatment History

	ECM Time (Key On Time)	ECM Real Time	Starting Diesel Particulate Filter Soot Load	Ending Diesel Particulate Filter Soot Load	Starting Diesel Oxidation Catalyst Intake Temperature	Maximum Diesel Particulate Filter Intake Temperature	Maximum Diesel Particulate Filter Outlet Temperature	Maximum Diesel Particulate Filter Differential Pressure	Passive Desoot Assist Active Time
Units					°F	°F	°F	inHg	percent
1 (Newest)	004736:16:35	Not Applicable	Normal	Normal	597.4	1070.9	1099.0	1.0	N/A
2	004707:22:43	Not Applicable	Normal	Normal	535.6	1045.4	1099.7	1.0	N/A
3	004679:17:43	Not Applicable	Normal	Normal	568.4	1040.5	1106.6	1.1	N/A
4	004654:47:27	Not Applicable	Normal	Normal	543.2	1054.4	1101.2	0.9	N/A
5	004627:20:32	Not Applicable	Normal	Normal	589.4	1058.0	1103.7	1.0	N/A
6	004600:09:59	Not Applicable	Normal	Normal	454.4	1024.1	1089.8	0.9	N/A
7	004575:13:49	Not Applicable	Normal	Normal	647.8	1038.7	1094.3	1.0	N/A
8	004549:39:08	Not Applicable	Normal	Normal	537.1	1047.5	1112.5	1.2	N/A
9	004524:33:34	Not Applicable	Normal	Normal	584.9	1034.0	1102.3	1.2	N/A
10 (Oldest)	004499:02:19	Not Applicable	Normal	Normal	534.5	1042.1	1105.3	1.0	N/A
Maximum Soot Load Condition									
ECM Time (Key On Time)	ECM Real Time	Diesel Particulate Filter Soot Load	Diesel Oxidation Catalyst Intake Temperature	Diesel Particulate Filter Intake Temperature	Diesel Particulate Filter Outlet Temperature	Diesel Particulate Filter Differential Pressure			
Units			°F	°F	°F	inHg			
298261:37:03	Not Applicable	Undefined	NaN	NaN	NaN	NaN			
Maximum Diesel Particulate Filter Outlet Temperature Condition									

Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-084103

Aftertreatment History

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-084146318
Customer Name :Customer Name**

Regeneration Trigger Type
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A

Aftertreatment History

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

ECM Time (Key On Time)	ECM Real Time	Diesel Particulate Filter Soot Load	Diesel Oxidation Catalyst Intake Temperature	Diesel Particulate Filter Intake Temperature	Diesel Particulate Filter Outlet Temperature	Diesel Particulate Filter Differential Pressure			
Units			°F	°F	°F	inHg			
002676:44:20	Not Applicable	Normal	579.5	1006.3	1116.8	0.8			

Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-084103

Aftertreatment History

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-084146318
Customer Name :Customer Name**



Aftertreatment Maintenance

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Aftertreatment Maintenance

Parameter		Value	Units
Aftertreatment Diesel Particulate Filter Accumulated Distanc		0	mi
Aftertreatment Diesel Particulate Filter Accumulated Hours		0	hrs
Occurrence	ECM Time (Key On Time)	ECM Real Time	Aftertreatment Reset Applied
1(Newest)	000000:00:00	Not Applicable	ALL
2	000000:00:00	Not Applicable	ALL
3	000000:00:00	Not Applicable	ALL
4	000000:00:00	Not Applicable	ALL
5	000000:00:00	Not Applicable	ALL
6	000000:00:00	Not Applicable	ALL
7	000000:00:00	Not Applicable	ALL
8	000000:00:00	Not Applicable	ALL
9	000000:00:00	Not Applicable	ALL
10(Oldest)	000000:00:00	Not Applicable	ALL

Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-084103

Anti-Theft Protection

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-084146318
Customer Name :Customer Name**

Anti-Theft Protection

Password	Value
Passwords	0
Anti-theft Status	Unlocked
Vehicle Anti-theft	Disable
Vehicle Anti-theft Automatic Mode	Enable

Audit Trail

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Audit Trail

Record Number	Tool Name	Tool ID	User Type	User ID	ECM Time (Key on Time)	ECM Real Time
		Code	Description			
[-] B6.7 CM2350 B121B/B141B/B179B						
[-] CM2350A						
[-] 1	CUMMINS	000000000000	Software	000000000000	004595:24:52	Not Applicable
		162	Learning Access			
[-] 2	CUMMINS	000000000000	Software	000000000000	004430:02:45	Not Applicable
		162	Learning Access			
[-] 3	INSITE	808001012901	Software	00006343F864	004177:50:21	Not Applicable
		003	Cruise Control			
		027	Reset Fault Codes			
[-] 4	INSITE	808001012901	Software	00006343F864	004176:38:14	Not Applicable
		003	Cruise Control			
		005	Road Speed Governor			

Audit Trail

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Record Number	Tool Name	Tool ID	User Type	User ID	ECM Time (Key on Time)	ECM Real Time
		Code	Description			
		006	Automatic Transmission			
		007	Vehicle Speed Sensor			
		009	Maximum Vehicle Speed in Top Gear			
		012	Rear Axle Ratio			
		013	Tire Revolutions per Distance			
		014	Tailshaft Gear Teeth			
		015	Fan Clutch Control			
		016	Engine Brake Control			
		017	PTO			
		018	Low Idle Adjustment			
		021	Gear Down Protection			
		027	Reset Fault Codes			
		030	Calibration Download			
		037	Customer/Vehicle Information			

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Data Monitors

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Data Monitors

Parameter	Value	Units
<input type="checkbox"/> B6.7 CM2350 B1 21B/B141B/B179B		
<input type="checkbox"/> CM2350A		
Accelerator Pedal Or Lever Position Sensor 2 Signal Voltage	0.50	V
Accelerator Pedal Or Lever Position Sensor 2 Supply Voltage	5.03	V
Accelerator Pedal or Lever Position Sensor Signal Voltage	0.94	V
Accelerator Pedal or Lever Position Sensor Supply Voltage	5.04	V
Active Accelerator Type	Dual Analog	
Aftertreatment Diesel Exhaust Fluid Dosing Unit Heater State	Initializing	
Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	
Aftertreatment Diesel Exhaust Fluid Lamp Status	On	
Aftertreatment Diesel Exhaust Fluid Line Heater 1 Status	Off	
Aftertreatment Diesel Exhaust Fluid Line Heater 2 Status	Off	
Aftertreatment Diesel Exhaust Fluid Line Heater 3 Status	Off	
Aftertreatment Diesel Exhaust Fluid Pressure	15.5	psi
Aftertreatment Diesel Exhaust Fluid Pressure Sensor Voltage	0.7	V
Aftertreatment Diesel Exhaust Fluid Pump 1 Duty Cycle	5	percent
Aftertreatment Diesel Exhaust Fluid Quality	32.5	percent
Aftertreatment Diesel Exhaust Fluid Quality Sensor Fluid Temperature	72	°F
Aftertreatment Diesel Exhaust Fluid Tank Heating Valve Position Commanded	Closed	
Aftertreatment Diesel Exhaust Fluid Tank Level	100	percent
Aftertreatment Diesel Exhaust Fluid Tank Temperature	72	°F
Aftertreatment Diesel Exhaust Fluid Tank Temperature Sensor Voltage	0.00	V
Aftertreatment Diesel Exhaust Fluid Used	651.8	gal
Aftertreatment Diesel Oxidation Catalyst Intake Temperature	350.6	°F
Aftertreatment Diesel Particulate Filter Active Regeneration Elapsed Time	0000000:40	HHHHHH:MM
Aftertreatment Diesel Particulate Filter Ash Adjustment Factor	0.022	lb/ft3

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Data Monitors

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Parameter	Value	Units
Aftertreatment Diesel Particulate Filter Ash Load	20.4	percent
Aftertreatment Diesel Particulate Filter Differential Pressure	0.01	inHg
Aftertreatment Diesel Particulate Filter Differential Pressure Sensor Signal Voltage	0.69	V
Aftertreatment Diesel Particulate Filter Intake Temperature	379.4	°F
Aftertreatment Diesel Particulate Filter Lamp Status	Off	
Aftertreatment Diesel Particulate Filter Outlet Pressure	0.01	inHg
Aftertreatment Diesel Particulate Filter Outlet Pressure Sensor Signal Voltage	0.69	V
Aftertreatment Diesel Particulate Filter Outlet Temperature	368.6	°F
Aftertreatment Diesel Particulate Filter Passive Regeneration Elapsed Time	0001024:00	HHHHHH:MM
Aftertreatment Diesel Particulate Filter Regeneration Start Switch Status	Off	
Aftertreatment Diesel Particulate Filter Soot Load	0.04	oz
Aftertreatment Diesel Particulate Filter Soot Load Status	Normal	
Aftertreatment High Exhaust System Temperature Lamp Status	Off	
Aftertreatment Intake NOx	0	ppm
Aftertreatment Intake NOx Corrected	1	ppm
Aftertreatment Intake NOx Reading Stable	Reading Not Available	
Aftertreatment Outlet NOx	0	ppm
Aftertreatment Outlet NOx Corrected	0	ppm
Aftertreatment Outlet NOx Reading Stable	Reading Not Available	
Aftertreatment Particulate Matter Sensor	0.00	µA
Aftertreatment SCR Intake Temperature	369	°F
Aftertreatment SCR Outlet Temperature	324	°F
Aftertreatment System Operating State	Inactive	
Air Conditioning Pressure Switch	Off	
Amber Warning Lamp Status	On	
Anti Theft Status	Unlocked	
Barometric Air Pressure	29.5	inHg
Barometric Air Pressure Sensor Signal Voltage	0.00	V
Battery Voltage	13.8	V
Brake Pedal Position Switch	Depressed	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Data Monitors

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Parameter	Value	Units
Calibration Software Phase	1646143D	
Clutch Pedal Position Switch	Released	
Crankcase Pressure	0.0	inH2O
Crankcase Pressure Sensor Signal Voltage	1.56	V
Cruise Control	Inactive	
Cruise Control Accelerate Switch	Off	
Cruise Control Coast Switch	Off	
Cruise Control On/Off Switch	Off	
Cruise Control Set / Resume Switch	Neutral	
Datalink Reference Speed	0	RPM
Diagnostic Test Mode Switch	Off	
Diesel Exhaust Fluid Line Heater 1 State	Off	
Diesel Exhaust Fluid Line Heater 2 State	Off	
Diesel Exhaust Fluid Line Heater 3 State	Off	
Diesel Exhaust Fluid Tank Heater State	Off	
ECM Key Off Time	100	s
ECM Real Time	Not Applicable	
ECM Time (Key On Time)	004737:28:11	HHHHHH:MM:SS
EGR Cooler Efficiency	100	percent
EGR Differential Pressure	0.014	inHg
EGR Differential Pressure Sensor Signal Voltage	1.00	V
EGR Temperature	-40.0	°F
EGR Temperature Sensor Signal Voltage	4.94	V
EGR Valve Position Commanded	0	percent
EGR Valve Position Measured (Percent Open)	8	percent
EGR Valve Position Sensor Signal Voltage	0.88	V
Engine Distance	168386.7	mi
Engine Brake Output Circuit 1	Inactive	
Engine Brake Output Circuit 2	Inactive	
Engine Brake Output Circuit 3	Inactive	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Data Monitors

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Parameter	Value	Units
Engine Brake Output Circuit 4	Inactive	
Engine Brake Selector Switch 1	Off	
Engine Brake Switch Level	0	percent
Engine Coolant Level	Normal	
Engine Coolant Temperature	174.7	°F
Engine Coolant Temperature Sensor Signal Voltage	0.88	V
Engine Hours	004386:25:07	HHHHHH:MM:SS
Engine Oil Pressure Sensor Signal Voltage	0.00	V
Engine Oil Pressure Sensor Type	Switch	
Engine Oil Pressure Switch	Low	
Engine Operating State	Engine Stop	
Engine Protection Derate Suppress	Disable	
Engine Protection Shutdown Override Switch	Off	
Engine Speed	0	RPM
Engine Speed Backup Sensor State	Low Input Voltage	
Engine Speed Backup Synchronization State	No Pulse	
Engine Speed Main Sensor Signal State	Out of Range	
Engine Speed Main Sensor State	Low Input Voltage	
Engine Speed Main Synchronization State	No Pulse	
Engine Speed Sensor Active	Main	
Engine Speed Status	Stopped	
Engine Torque Mode	Other	
Exhaust Gas Pressure	29.62	inHg
Exhaust Gas Pressure Sensor Signal Voltage	0.88	V
Exhaust Volumetric Flowrate	0.05	ft3/s
Fan Control 2 Multiplexed Request Level	0.0	percent
Fan Control Command	100	percent
Fan Control Multiplexed Request Level	0	percent
Fan Drive State	Off	
Final Fueling	0.0	mg/stroke

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Data Monitors

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Parameter	Value	Units
Fuel Flow Rate Commanded	0.00	gph
Fuel Level	0	percent
Fuel Pump Actuator Commanded Current	0.00	mA
Fuel Pump Actuator Duty Cycle	5	percent
Fuel Pump Actuator Measured Current	62.50	mA
Fuel Pump Actuator Position	Open	
Fuel Rail Pressure Commanded	12247	psi
Fuel Rail Pressure Measured	6456	psi
Fuel Rail Pressure Rationality Sensor	28947	psi
Fuel Rail Pressure Rationality Sensor Voltage	0.51	V
Fuel Rail Pressure Sensor Signal Voltage	1.39	V
Fuel Tank Level Sensor 2 Level	99	percent
Instantaneous Fuel Economy	0.0	mpg
Intake Air Heater 1	Off	
Intake Air Heater 2	Off	
Intake Air Throttle Position	0	percent
Intake Air Throttle Position Commanded	0	percent
Intake Air Throttle Sensor Signal Voltage	0.0	V
Intake Manifold Air Temperature	121.4	°F
Intake Manifold Air Temperature Sensor Signal Voltage	0.63	V
Intake Manifold Pressure	0.0	inHg
Intake Manifold Pressure Sensor Signal Voltage	0.94	V
J1939 Engine Source Address	0	
J1939 Stop Broadcast Source Address One	0	
J1939 Stop Broadcast Source Address Three	0	
J1939 Stop Broadcast Source Address Two	0	
Keyswitch	On	
Keyswitch Off Counts	525	
Keyswitch On Counts	526	
Malfunction Indicator Lamp Status	On	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Data Monitors

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Parameter	Value	Units
Multiplexed Accelerator Error Limp Home Switch State	Accelerator Pressed	
Net Engine Torque	0	ft*lb
OEM Ambient Air Temperature	77	°F
OEM Ambient Air Temperature Sensor Signal Voltage	3.19	V
Parking Brake Switch State	Off	
Percent Accelerator Pedal or Lever	0	percent
Percent Load	0	percent
PTO Additional Switch	Off	
PTO Decrement Switch	Off	
PTO High Power Device	Disengaged	
PTO Increment Switch	Off	
PTO On/Off Switch	Off	
PTO State	Inactive	
PTO Status	Inactive	
Red Stop Lamp Status	Off	
Sensor Supply 1	5.00	V
Sensor Supply 2	5.00	V
Sensor Supply 3	5.06	V
Sensor Supply 4	5.06	V
Sensor Supply 5	5.00	V
Sensor Supply 6	5.06	V
Tailshaft Speed	-1	RPM
Total Diesel Exhaust Fluid Used	651.8	gal
Transmission Gear Ratio	16.00	
Transmission Status	Out of Gear	
Turbocharger Actuator Position Commanded (Percent Closed)	85	percent
Turbocharger Actuator Position Measured (Percent Closed)	85	percent
Turbocharger Actuator Position Sensor Signal Voltage	0.00	V
Turbocharger Actuator Type	Electric	
Turbocharger Compressor Intake Air Temperature	10.7	°F

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Data Monitors

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Parameter	Value	Units
Turbocharger Compressor Intake Air Temperature Sensor Signal Voltage	3.19	V
Turbocharger Compressor Outlet Air Temperature (Calculated)	206.6	°F
Turbocharger Speed	0	RPM
Vehicle Speed	0	mph
VGT Actuator Temperature	195.8	°F
Wait To Start Lamp Status	Off	
Water In Fuel Detected Total Accumulated Time	000000:00:00	HHHHHH:MM:SS
Water in Fuel Sensor Signal Voltage	4.4	V
Water In Fuel State	No Water Detected	

Duty Cycle Monitor

Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-084146318
Customer Name :Customer Name**

Duty Cycle Monitor

Short Term Map 1



Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-084103

Duty Cycle Monitor

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-084146318
Customer Name :Customer Name**

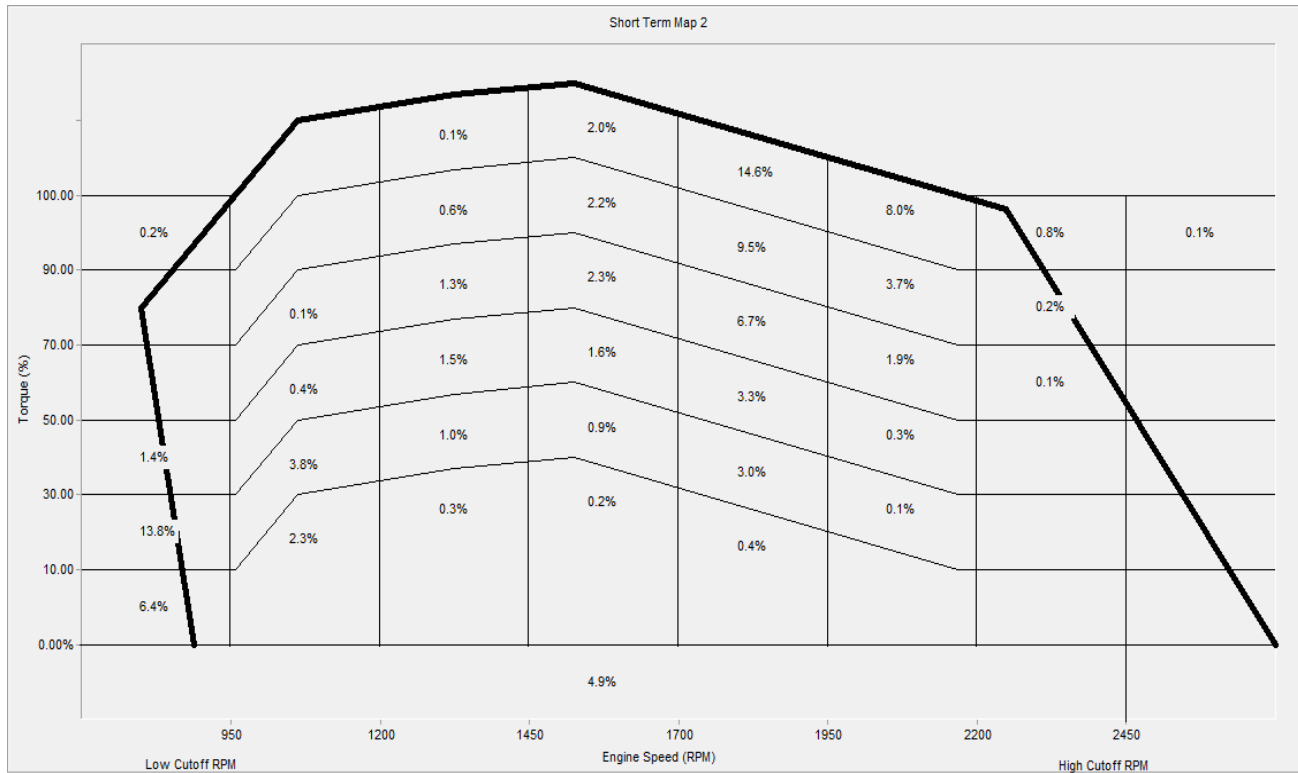
Parameter	Value	Unit
Peak Torque at RPM	520	ft*lb
Peak Torque RPM	1600	RPM
Advertised Power at RPM	220	hp
Advertised Power RPM	2400	RPM
Map 1 Hours Remaining	00:00:00	HH:MM:SS
Map 1 Total Time	500:00:00	HH:MM:SS
Map 1 Start Time	00:00:00	HH:MM:SS

Duty Cycle Monitor

Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-084146318
Customer Name :Customer Name**

Short Term Map 2



Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-084103

Duty Cycle Monitor

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-084146318
Customer Name :Customer Name**

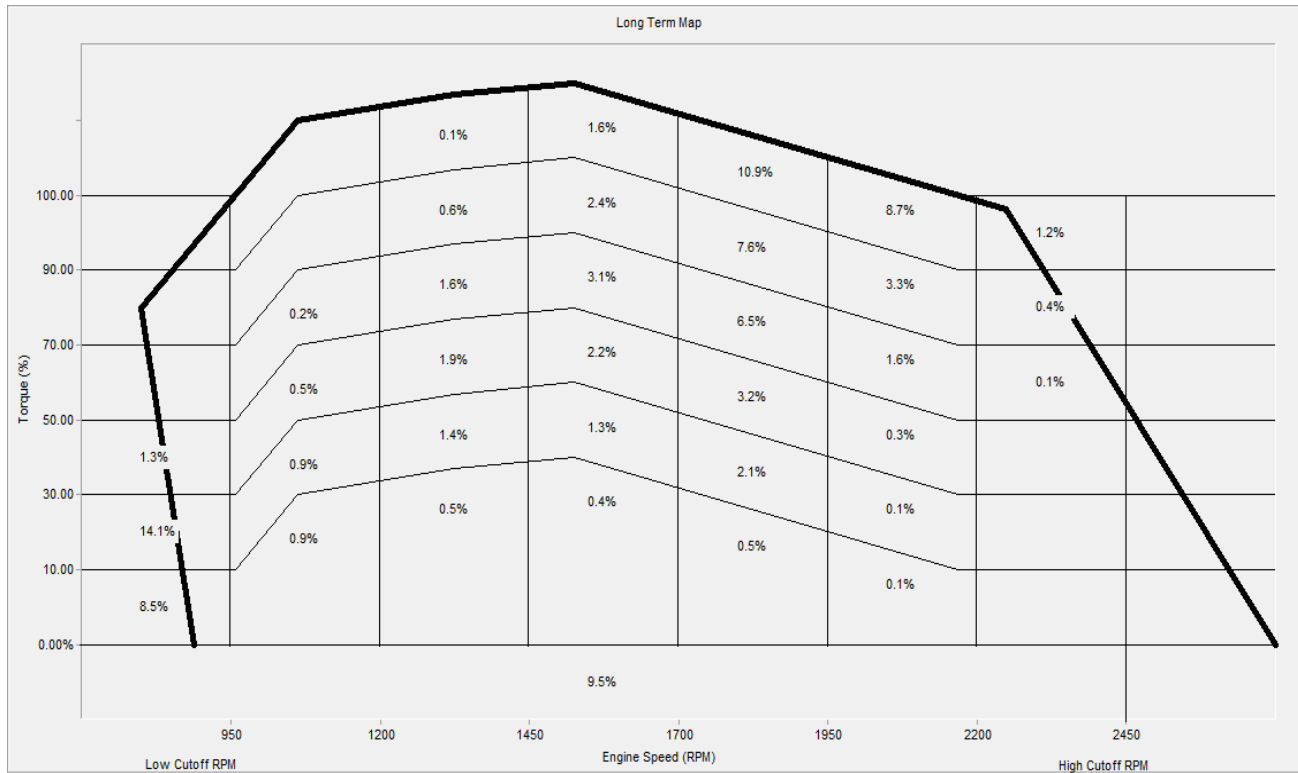
Parameter	Value	Unit
Peak Torque at RPM	520	ft*lb
Peak Torque RPM	1600	RPM
Advertised Power at RPM	220	hp
Advertised Power RPM	2400	RPM
Map 2 Hours Remaining	476:56:10	HH:MM:SS
Map 2 Total Time	23:03:50	HH:MM:SS
Map 2 Start Time	00:00:00	HH:MM:SS

Duty Cycle Monitor

Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-084146318
Customer Name :Customer Name**

Long Term Map



Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-084103

Duty Cycle Monitor

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-084146318
Customer Name :Customer Name**

Parameter	Value	Unit
Peak Torque at RPM	520	ft*lb
Peak Torque RPM	1600	RPM
Advertised Power at RPM	220	hp
Advertised Power RPM	2400	RPM
Long Term Map Total Time	523:03:50	HH:MM:SS
Long Term Map Start Time	00:00:00	HH:MM:SS

Engine Abuse History

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Engine Abuse History

Parameter	Severity 1	Severity 2	Severity 3	Severity Total	Unit
Engine Oil Pressure	000000:00:00	000000:00:00	000000:04:44	000000:04:44	HHHHHH:MM:SS
Engine Oil Pressure	12 - 8	8 - 5	< 5	< 12	psi
Engine Speed	000001:25:18	000000:01:19	000000:00:00	000001:26:37	HHHHHH:MM:SS
Engine Speed	2700 - 2900	2900 - 3100	> 3100	> 2700	RPM
Engine Coolant Temperature	003780:35:29	000175:25:10	000000:00:20	003956:00:59	HHHHHH:MM:SS
Engine Coolant Temperature	180 - 200	200 - 220	> 220	> 180	°F
Intake Manifold Air Temperature	000000:00:00	000000:00:00	000000:00:00	000000:00:00	HHHHHH:MM:SS
Intake Manifold Air Temperature	210 - 230	230 - 250	> 250	> 210	°F
Engine Coolant Level	000189:33:17			000189:33:17	HHHHHH:MM:SS
Engine Coolant Level	Low			Low	
Crankcase Pressure	000000:00:00	000000:00:00	000000:00:00	000000:00:00	HHHHHH:MM:SS
Crankcase Pressure	14 - 15	15 - 20	> 20	> 14	inH2O
Parameter	Value	Unit			
Engine Hours	004386:25:07	HHHHHH:MM:SS			

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Engine Protection

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Engine Protection

Description	Fault Code	Occurrence	Value	Duration	ECM Time (Key On Time)	ECM Real Time
<input type="checkbox"/> Coolant Level - Data Valid But Below Normal Operating Range - Moderately Severe Level	197	Newest	Low	000000:02:05	003521:34:32	Not Applicable
	197	2	Low	000000:02:26	003521:30:47	Not Applicable
	197	Oldest	Low	000000:02:07	003521:25:00	Not Applicable

Engine Protection Setting

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Engine Protection Setting

Engine Protection Derate Suppress				Disable					
Channel	Torque Derate	Fault Code	Derate Type	Threshold		Delay Before Derate	Time Based Torque Shutdown	Time for Flashing Lamp	Time Before Lamp Flashes Because Of Torque Shutdown
Engine Coolant Temperature	Enable	2963	Severity	225.0 °F		5 s	Undefined	30 s	Undefined
Engine Oil Pressure	Enable	0143	Time	rpm	Oil Pressure	5 s	Enable	30 s	10 s
				300	-0.7 psi				
				690	0.0 psi				
				700	8.0 psi				
				1200	8.0 psi				
				1600	8.0 psi				
				2500	8.0 psi				

Engine Protection Setting

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Intake Manifold Ai Temperature	Enable	2964	Severity	250.0 °F	5 s	Undefined	30 s	Undefined
Crankcase Pressure	Enable	0555	Time	20 inH2O	30 s	Undefined	30 s	Undefined
Engine Coolant Level	Enable	0197	Time	Low	20 s	Disable	Undefined	25 s

Engine Protection Setting

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Engine Protection Derate Suppress				Disable					
Channel	RPM Derate	Fault Code	Derate Type	Threshold		Delay Before Derate	Time Based RPM Shutdown	Time for Flashing Lamp	Time Before Lamp Flashes Because Of RPM Shutdown
Engine Coolant Temperature	Enable	0151	Time	235.0 °F		5 s	Disable	30 s	1023 s
Engine Oil Pressure	Enable	0415	Time	rpm	Oil Pressure	5 s	Enable	30 s	10 s
				300	-0.7 psi				
				690	0.0 psi				
				700	8.0 psi				
				1200	8.0 psi				
				1600	8.0 psi				
				2500	8.0 psi				
Intake Manifold Air Temperature	Enable	0488	Time	270.0 °F		5 s	Disable	30 s	1023 s
Engine Overspeed	Enable	0234	Time	3600 RPM		0 s	Undefined	Undefined	Undefined

Engine Protection Setting

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

EGR Temperature	Enable	2962	Time	474.8 °F	5 s	Undefined	30 s	Undefined
EPD DPF Soot Load RPM Derate Shutdown Time Before Lamp	Enable	1921	Time	81.9 g	120 s	Disable	1023 s	1023 s

Engine Protection Setting

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**





Engine Protection Derate Suppress			Disable
Channel	Severity Based Shutdown	Threshold	Time for Flashing Lamp
Engine Coolant Temperature	Enable	235.0 °F	30 s
Intake Manifold Air Temperature	Enable	275.0 °F	30 s
EGR Temperature	Enable	474.8 °F	30 s

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Fault Codes

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**








Fault Codes

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
<input type="checkbox"/> CM2350A	ECM Time (Key On Time)	004737:28:11		HHHHHH:MM:SS					
	Engine Hours	004386:25:07		HHHHHH:MM:SS					
	Keyoffs	525							
<input checked="" type="checkbox"/>  5867	Active	1	Amber	Aftertreatment Diesel Exhaust Fluid Dosing Unit Relay Feedback - Voltage Below Normal or Shorted to Low Source			4	4	520953
<input checked="" type="checkbox"/>  0241	Active	1	Amber	Wheel-Based Vehicle Speed - Data Erratic Intermittent, or Incorrect	84		2	2	84
<input checked="" type="checkbox"/>  0755	Active	1	Amber	Injector Metering Rail 1 Pressure - Mechanical System Not Responding or Control of Adjustment	157		7	7	157
<input checked="" type="checkbox"/>  3567	Active	1	Amber	Aftertreatment 1 Diesel Exhaust Fluid Dosing Valve 1 Circuit - Current Below Normal or Open Circuit			5	5	5394

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Fault Codes

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
 3541	Active	1	Amber	Engine Intake Throttle Actuator Position Sensor Circuit - Voltage Below Normal or Shorted to Low Source			4	4	51
 0285	Active	1	Amber	SAE J1939 Multiplexing PGN Timeout Error - Abnormal Update Rate		231	9	9	639
 3328	Active	1	Amber	Transmission Output Shaft Speed - Abnormal Update Rate			9	9	191
 3526	Active	1	Amber	Wheel-Based Vehicle Speed - Abnormal Update Rate			9	9	84
 6339	Active	1	Amber	Fuel Level 1 - Abnormal Update Rate			9	9	96
 3497	Inactive	2	Maintenance	Aftertreatment 1 Diesel Exhaust Fluid Ta Level - Data Valid But Below Normal Operating Range - Least Severe Level			1	17	1761
 4691	Inactive	1	Amber	Engine Injector Metering Rail 1 Cranking Pressure - Data Valid But Below Normal Operating Range - Moderately Severe Level			1	18	5585

Fault Codes

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**


Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
3239	Inactive	1	Amber	Aftertreatment 1 Diesel Exhaust Fluid Li Heater 2 Circuit - Voltage Above Normal Shorted to High Source			3	3	4342
0249	Inactive	1	Amber	Ambient Air Temperature Sensor 1 Circu Voltage Above Normal or Shorted to Hig Source	171		3	3	171
0197	Inactive	1	Amber	Coolant Level - Data Valid But Below Normal Operating Range - Moderately Severe Level	111		1	18	111

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Fault Snapshot

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Snapshot

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
<input type="checkbox"/> CM2350A	ECM Time (Key On Time)	004737:28:11		HHHHHH:MM:SS					
	Engine Hours	004386:25:07		HHHHHH:MM:SS					
	Keyoffs	525							
<input type="checkbox"/>  5867	Active	1	Amber	Aftertreatment Diesel Exhaust Fluid Dosing Unit Relay Feedback - Voltage Below Normal or Shorted to Low Source			4	4	520953
	ECM Time (Key On Time)	004737:13:31	004737:13:31	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	40.1	40.1	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	59	59	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	553.6	553.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.26	0.26	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	592.3	592.3	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	-0.01	-0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	578.4	578.4	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switch Status	Off	Off						
	Aftertreatment Intake NOx Corrected	634	634	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment SCR Intake Temperature	578	578	°F					
	Aftertreatment SCR Outlet Temperature	510	510	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					
	Battery Voltage	13.8	13.8	V					
	Brake Pedal Position Switc	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.2	0.2	inH2O					
	Cruise Control On/Off Switch	On	On						
	EGR Differential Pressure	0.028	0.028	inHg					
	EGR Temperature	226.3	226.3	°F					
	EGR Valve Position Commanded	0	0	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	EGR Valve Position Measured (Percent Open)	0	0	percent					
	Engine Coolant Temperature	182.9	182.9	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.70	29.70	inHg					
	Exhaust Volumetric Flowrate	5.64	5.64	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	3294	3294	psi					
	Intake Air Throttle Position	0	0	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	78.8	78.8	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					
	OEM Ambient Air Temperature	23	23	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	On	On						
	Turbocharger Actuator Position Commanded (Percent Closed)	25	25	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	25	25	percent					
	Turbocharger Compressor Intake Air Temperature	43.3	43.3	°F					
	Turbocharger Speed	10156	10156	RPM					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Vehicle Speed	59	59	mph					
	VGT Actuator Temperature	174.2	174.2	°F					
 0241	Active	1	Amber	Wheel-Based Vehicle Speed - Data Erratic Intermittent, or Incorrect	84		2	2	84
	ECM Time (Key On Time)	004737:14:29	004737:14:29	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Initializing	Initializing						
	Aftertreatment Diesel Exhaust Fluid Pressure	28.9	28.9	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	32	32	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	32.0	32.0	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.00	0.00	inHg					

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Fault Snapshot

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Intake Temperature	32.0	32.0	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	0.00	0.00	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	32.0	32.0	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switc Status	Off	Off						
	Aftertreatment Intake NOx Corrected	1	1	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	32	32	°F					
	Aftertreatment SCR Outlet Temperature	32	32	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment System Operating State	Undefined	Undefined						
	Barometric Air Pressure	0.0	0.0	inHg					
	Battery Voltage	13.6	13.6	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	-0.046	-0.046	inHg					
	EGR Temperature	932.0	932.0	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	8	8	percent					
	Engine Coolant Temperature	32.0	32.0	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.53	29.53	inHg					
	Exhaust Volumetric Flowrate	0.00	0.00	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	5802	5802	psi					
	Fuel Rail Pressure Measured	4750	4750	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	121.6	121.6	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Intake Manifold Pressure	23.8	23.8	inHg					
	OEM Ambient Air Temperature	32	32	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	100	100	percent					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	4	4	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	0	0	percent					
	Turbocharger Compressor Intake Air Temperature	32.0	32.0	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					
	VGT Actuator Temperature	32.0	32.0	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
 0755	Active	1	Amber	Injector Metering Rail 1 Pressure - Mechanical System Not Responding or C of Adjustment	157		7	7	157
	ECM Time (Key On Time)	004737:14:34	004737:14:34	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Initializing	Initializing						
	Aftertreatment Diesel Exhaust Fluid Pressure	15.6	15.6	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	72	72	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	350.6	350.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.00	0.00	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	379.4	379.4	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	368.6	368.6	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switch Status	On	On						
	Aftertreatment Intake NOx Corrected	1	1	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	369	369	°F					
	Aftertreatment SCR Outlet Temperature	324	324	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Battery Voltage	13.8	13.8	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	0.009	0.009	inHg					
	EGR Temperature	-40.0	-40.0	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	8	8	percent					
	Engine Coolant Temperature	175.1	175.1	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.59	29.59	inHg					
	Exhaust Volumetric Flowrate	0.03	0.03	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	6432	6432	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	121.5	121.5	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	OEM Ambient Air Temperature	302	302	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	85	85	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	85	85	percent					
	Turbocharger Compressor Intake Air Temperature	10.9	10.9	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					
	VGT Actuator Temperature	195.8	195.8	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
 3567	Active	1	Amber	Aftertreatment 1 Diesel Exhaust Fluid Dosing Valve 1 Circuit - Current Below Normal or Open Circuit			5	5	5394
	ECM Time (Key On Time)	004737:14:36	004737:14:36	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Initializing	Initializing						
	Aftertreatment Diesel Exhaust Fluid Pressure	15.5	15.5	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	72	72	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	350.6	350.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.00	0.00	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	379.4	379.4	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	368.6	368.6	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switch Status	On	On						
	Aftertreatment Intake NOx Corrected	1	1	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	369	369	°F					
	Aftertreatment SCR Outlet Temperature	324	324	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Battery Voltage	13.8	13.8	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	0.005	0.005	inHg					
	EGR Temperature	-40.0	-40.0	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	8	8	percent					
	Engine Coolant Temperature	174.9	174.9	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.66	29.66	inHg					
	Exhaust Volumetric Flowrate	0.03	0.03	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	6445	6445	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	121.5	121.5	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	OEM Ambient Air Temperature	302	302	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	85	85	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	85	85	percent					
	Turbocharger Compressor Intake Air Temperature	10.8	10.8	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					
	VGT Actuator Temperature	195.8	195.8	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
 3541	Active	1	Amber	Engine Intake Throttle Actuator Position Sensor Circuit - Voltage Below Normal or Shorted to Low Source			4	4	51
	ECM Time (Key On Time)	004737:14:37	004737:14:37	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	15.2	15.2	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	72	72	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	350.6	350.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.00	0.00	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	379.4	379.4	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	368.6	368.6	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switc Status	On	On						
	Aftertreatment Intake NOx Corrected	1	1	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	369	369	°F					
	Aftertreatment SCR Outlet Temperature	324	324	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Battery Voltage	13.9	13.9	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	0.009	0.009	inHg					
	EGR Temperature	-40.0	-40.0	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	8	8	percent					
	Engine Coolant Temperature	174.8	174.8	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.59	29.59	inHg					
	Exhaust Volumetric Flowrate	0.04	0.04	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	6445	6445	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	121.5	121.5	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	OEM Ambient Air Temperature	302	302	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	85	85	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	85	85	percent					
	Turbocharger Compressor Intake Air Temperature	10.8	10.8	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					
	VGT Actuator Temperature	195.8	195.8	°F					
 0285	Active	1	Amber	SAE J1939 Multiplexing PGN Timeout Error - Abnormal Update Rate		231	9	9	639

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	No fault snapshot data detected in the ECM.								
 3328	Active	1	Amber	Transmission Output Shaft Speed - Abnormal Update Rate			9	9	191
	ECM Time (Key On Time)	004737:14:59	004737:14:59	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	15.5	15.5	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	72	72	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	350.6	350.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	379.4	379.4	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	368.6	368.6	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switc Status	On	On						
	Aftertreatment Intake NOx Corrected	1	1	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	369	369	°F					
	Aftertreatment SCR Outlet Temperature	324	324	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Battery Voltage	13.9	13.9	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	0.019	0.019	inHg					
	EGR Temperature	-40.0	-40.0	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	8	8	percent					
	Engine Coolant Temperature	174.7	174.7	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.67	29.67	inHg					
	Exhaust Volumetric Flowrate	0.05	0.05	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	6459	6459	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	121.4	121.4	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	OEM Ambient Air Temperature	117	117	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	85	85	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	85	85	percent					
	Turbocharger Compressor Intake Air Temperature	10.8	10.8	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					
	VGT Actuator Temperature	195.8	195.8	°F					
 3526	Active	1	Amber	Wheel-Based Vehicle Speed - Abnormal Update Rate			9	9	84

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	ECM Time (Key On Time)	004737:14:59	004737:14:59	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	15.5	15.5	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	72	72	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	350.6	350.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	379.4	379.4	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	0.01	0.01	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	368.6	368.6	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switc Status	On	On						
	Aftertreatment Intake NOx Corrected	1	1	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	369	369	°F					
	Aftertreatment SCR Outlet Temperature	324	324	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					
	Battery Voltage	13.9	13.9	V					
	Brake Pedal Position Switc	Depressed	Depressed						

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	0.019	0.019	inHg					
	EGR Temperature	-40.0	-40.0	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	8	8	percent					
	Engine Coolant Temperature	174.7	174.7	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Exhaust Gas Pressure	29.67	29.67	inHg					
	Exhaust Volumetric Flowrate	0.05	0.05	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	6459	6459	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	121.4	121.4	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					
	OEM Ambient Air Temperature	117	117	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	85	85	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	85	85	percent					
	Turbocharger Compressor Intake Air Temperature	10.8	10.8	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					
	VGT Actuator Temperature	195.8	195.8	°F					
 6339	Active	1	Amber	Fuel Level 1 - Abnormal Update Rate			9	9	96
	ECM Time (Key On Time)	004737:14:59	004737:14:59	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	15.5	15.5	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	72	72	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	350.6	350.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	379.4	379.4	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	0.01	0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	368.6	368.6	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switch Status	On	On						
	Aftertreatment Intake NOx Corrected	1	1	ppm					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	369	369	°F					
	Aftertreatment SCR Outlet Temperature	324	324	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					
	Battery Voltage	13.9	13.9	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	0.019	0.019	inHg					
	EGR Temperature	-40.0	-40.0	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	8	8	percent					
	Engine Coolant Temperature	174.7	174.7	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.67	29.67	inHg					
	Exhaust Volumetric Flowrate	0.05	0.05	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Fuel Rail Pressure Measured	6459	6459	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	121.4	121.4	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					
	OEM Ambient Air Temperature	117	117	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	85	85	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	85	85	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Turbocharger Compressor Intake Air Temperature	10.8	10.8	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					
	VGT Actuator Temperature	195.8	195.8	°F					
 3497	Inactive	2	Maintenance	Aftertreatment 1 Diesel Exhaust Fluid Tank Level - Data Valid But Below Normal Operating Range - Least Severe Level			1	17	1761
	ECM Time (Key On Time)	004322:54:49	004390:43:29	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Dosing	Dosing						
	Aftertreatment Diesel Exhaust Fluid Pressure	120.8	121.5	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	95	90	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	635.0	603.1	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.72	0.66	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	554.7	909.3	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	1.37	2.42	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	553.2	948.3	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switch Status	Off	Off						
	Aftertreatment Intake NOx Corrected	843	1040	ppm					
	Aftertreatment Outlet NOx Corrected	29	195	ppm					
	Aftertreatment SCR Intake Temperature	553	950	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment SCR Outlet Temperature	549	922	°F					
	Aftertreatment System Operating State	Inactive	Active Regeneration or Cleaning						
	Barometric Air Pressure	29.4	29.4	inHg					
	Battery Voltage	14.1	14.1	V					
	Brake Pedal Position Switch	Released	Released						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	2.6	3.7	inH2O					
	Cruise Control On/Off Switch	Off	On						
	EGR Differential Pressure	0.925	0.366	inHg					
	EGR Temperature	265.9	222.8	°F					
	EGR Valve Position Commanded	19	10	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	EGR Valve Position Measured (Percent Open)	21	10	percent					
	Engine Coolant Temperature	197.6	199.4	°F					
	Engine Hours	004004:18:55	004068:17:04	HHHHHH:MM:SS					
	Engine Oil Pressure	47.0	52.0	psi					
	Engine Operating State	Maximum Throttle	Maximum Throttle						
	Engine Speed	1766	2108	RPM					
	Engine Torque Mode	Torque Limiting	Torque Limiting						
	Exhaust Gas Pressure	75.25	78.63	inHg					
	Exhaust Volumetric Flowrate	11.36	12.02	ft3/s					
	Fan Drive State	Off	Air Conditioning Pressure Switch						
	Fuel Rail Pressure Commanded	24582	24670	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Fuel Rail Pressure Measured	24502	23594	psi					
	Intake Air Throttle Position	10	10	percent					
	Intake Air Throttle Position Commanded	10	10	percent					
	Intake Manifold Air Temperature	142.7	135.4	°F					
	Intake Manifold Pressure	34.0	32.9	inHg					
	OEM Ambient Air Temperature	87	79	°F					
	Percent Accelerator Pedal or Lever	100	100	percent					
	Percent Load	100	100	percent					
	PTO On/Off Switch	Off	On						
	Turbocharger Actuator Position Commanded (Percent Closed)	72	56	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	71	55	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Turbocharger Compressor Intake Air Temperature	98.0	97.7	°F					
	Turbocharger Speed	95875	99664	RPM					
	Vehicle Speed	57	27	mph					
	VGT Actuator Temperature	199.4	206.6	°F					
 4691	Inactive	1	Amber	Engine Injector Metering Rail 1 Cranking Pressure - Data Valid But Below Normal Operating Range - Moderately Severe Level			1	18	5585
	ECM Time (Key On Time)	004714:14:37	004714:14:37	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	2.7	2.7	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	30	30	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	28.1	28.1	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Differential Pressure	-0.03	-0.03	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	29.0	29.0	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	-0.06	-0.06	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	29.2	29.2	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switch Status	Off	Off						
	Aftertreatment Intake NOx Corrected	1	1	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	29	29	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment SCR Outlet Temperature	28	28	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.9	29.9	inHg					
	Battery Voltage	10.3	10.3	V					
	Brake Pedal Position Switc	Released	Released						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	2.2	2.2	inH2O					
	Cruise Control On/Off Switch	Off	Off						
	EGR Differential Pressure	0.023	0.023	inHg					
	EGR Temperature	28.3	28.3	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	0	0	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Coolant Temperature	31.9	31.9	°F					
	Engine Hours	004366:38:58	004366:38:58	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					
	Engine Operating State	Crank State	Crank State						
	Engine Speed	189	189	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	30.54	30.54	inHg					
	Exhaust Volumetric Flowrate	0.09	0.09	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	5802	5802	psi					
	Fuel Rail Pressure Measured	51	51	psi					
	Intake Air Throttle Position	12	12	percent					
	Intake Air Throttle Position Commanded	10	10	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Intake Manifold Air Temperature	31.6	31.6	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					
	OEM Ambient Air Temperature	26	26	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	100	100	percent					
	PTO On/Off Switch	Off	Off						
	Turbocharger Actuator Position Commanded (Percent Closed)	85	85	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	85	85	percent					
	Turbocharger Compressor Intake Air Temperature	28.9	28.9	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	0	0	mph					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	VGT Actuator Temperature	30.2	30.2	°F					
3239	Inactive	1	Amber	Aftertreatment 1 Diesel Exhaust Fluid Li Heater 2 Circuit - Voltage Above Normal Shorted to High Source			3	3	4342
	ECM Time (Key On Time)	004737:13:32	004737:13:32	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	37.1	37.1	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	59	59	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	553.6	553.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.24	0.24	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Intake Temperature	592.3	592.3	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	-0.01	-0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	578.4	578.4	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switc Status	Off	Off						
	Aftertreatment Intake NOx Corrected	634	634	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	578	578	°F					
	Aftertreatment SCR Outlet Temperature	510	510	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					
	Battery Voltage	13.7	13.7	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.3	0.3	inH2O					
	Cruise Control On/Off Switch	On	On						
	EGR Differential Pressure	0.032	0.032	inHg					
	EGR Temperature	225.9	225.9	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	0	0	percent					
	Engine Coolant Temperature	182.8	182.8	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.71	29.71	inHg					
	Exhaust Volumetric Flowrate	5.22	5.22	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	2757	2757	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	78.9	78.9	°F					

Fault Snapshot

Engine Serial Number :74687297
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 Work Order Name :WO-20230307-084103


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Intake Manifold Pressure	0.0	0.0	inHg					
	OEM Ambient Air Temperature	22	22	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	On	On						
	Turbocharger Actuator Position Commanded (Percent Closed)	25	25	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	25	25	percent					
	Turbocharger Compressor Intake Air Temperature	43.4	43.4	°F					
	Turbocharger Speed	9133	9133	RPM					
	Vehicle Speed	59	59	mph					
	VGT Actuator Temperature	174.2	174.2	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
 0249	Inactive	1	Amber	Ambient Air Temperature Sensor 1 Circu Voltage Above Normal or Shorted to Hig Source	171		3	3	171
	ECM Time (Key On Time)	004737:13:38	004737:13:38	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	13.0	13.0	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	68	68	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	553.6	553.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	0.02	0.02	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	592.3	592.3	°F					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	-0.01	-0.01	inHg					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	578.4	578.4	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switc Status	Off	Off						
	Aftertreatment Intake NOx Corrected	634	634	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	578	578	°F					
	Aftertreatment SCR Outlet Temperature	510	510	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.5	29.5	inHg					

Fault Snapshot

Engine Serial Number :74687297
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INSITE - 8.8.0.101 / Datapack 8.8.00101
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 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Battery Voltage	13.6	13.6	V					
	Brake Pedal Position Switch	Depressed	Depressed						
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.1	0.1	inH2O					
	Cruise Control On/Off Switch	On	On						
	EGR Differential Pressure	0.019	0.019	inHg					
	EGR Temperature	221.2	221.2	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	0	0	percent					
	Engine Coolant Temperature	181.7	181.7	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103


INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						
	Exhaust Gas Pressure	29.70	29.70	inHg					
	Exhaust Volumetric Flowrate	1.59	1.59	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	417	417	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	79.6	79.6	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	OEM Ambient Air Temperature	12	12	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					
	PTO On/Off Switch	On	On						
	Turbocharger Actuator Position Commanded (Percent Closed)	25	25	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	25	25	percent					
	Turbocharger Compressor Intake Air Temperature	46.2	46.2	°F					
	Turbocharger Speed	2633	2633	RPM					
	Vehicle Speed	59	59	mph					
	VGT Actuator Temperature	174.2	174.2	°F					
 0197	Inactive	1	Amber	Coolant Level - Data Valid But Below Normal Operating Range - Moderately Severe Level	111		1	18	111

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	ECM Time (Key On Time)	004737:14:01	004737:14:01	HHHHHH:MM:SS					
	Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Off	Off						
	Aftertreatment Diesel Exhaust Fluid Pressure	2.9	2.9	psi					
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	68	68	°F					
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	553.6	553.6	°F					
	Aftertreatment Diesel Particulate Filter Differential Pressure	-0.06	-0.06	inHg					
	Aftertreatment Diesel Particulate Filter Intake Temperature	592.3	592.3	°F					
	Aftertreatment Diesel Particulate Filter Outlet Pressure	-0.02	-0.02	inHg					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Aftertreatment Diesel Particulate Filter Outlet Temperature	578.4	578.4	°F					
	Aftertreatment Diesel Particulate Filter Regeneration Permit Switc Status	Off	Off						
	Aftertreatment Intake NOx Corrected	634	634	ppm					
	Aftertreatment Outlet NOx Corrected	0	0	ppm					
	Aftertreatment SCR Intake Temperature	578	578	°F					
	Aftertreatment SCR Outlet Temperature	510	510	°F					
	Aftertreatment System Operating State	Inactive	Inactive						
	Barometric Air Pressure	29.6	29.6	inHg					
	Battery Voltage	13.4	13.4	V					
	Brake Pedal Position Switc	Depressed	Depressed						

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Clutch Pedal Position Switch	Released	Released						
	Crankcase Pressure	0.0	0.0	inH2O					
	Cruise Control On/Off Switch	On	On						
	EGR Differential Pressure	0.019	0.019	inHg					
	EGR Temperature	200.1	200.1	°F					
	EGR Valve Position Commanded	0	0	percent					
	EGR Valve Position Measured (Percent Open)	0	0	percent					
	Engine Coolant Temperature	173.5	173.5	°F					
	Engine Hours	004386:25:07	004386:25:07	HHHHHH:MM:SS					
	Engine Oil Pressure	0.0	0.0	psi					
	Engine Operating State	Engine Stop	Engine Stop						
	Engine Speed	0	0	RPM					
	Engine Torque Mode	Other	Other						

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	Exhaust Gas Pressure	29.70	29.70	inHg					
	Exhaust Volumetric Flowrate	0.08	0.08	ft3/s					
	Fan Drive State	Off	Off						
	Fuel Rail Pressure Commanded	12247	12247	psi					
	Fuel Rail Pressure Measured	92	92	psi					
	Intake Air Throttle Position	0	0	percent					
	Intake Air Throttle Position Commanded	0	0	percent					
	Intake Manifold Air Temperature	82.0	82.0	°F					
	Intake Manifold Pressure	0.0	0.0	inHg					
	OEM Ambient Air Temperature	12	12	°F					
	Percent Accelerator Pedal or Lever	0	0	percent					
	Percent Load	0	0	percent					

Fault Snapshot

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
	PTO On/Off Switch	On	On						
	Turbocharger Actuator Position Commanded (Percent Closed)	25	25	percent					
	Turbocharger Actuator Position Measured (Percent Closed)	25	25	percent					
	Turbocharger Compressor Intake Air Temperature	62.5	62.5	°F					
	Turbocharger Speed	0	0	RPM					
	Vehicle Speed	59	59	mph					
	VGT Actuator Temperature	174.2	174.2	°F					

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters

Features and Parameters	ECM Value	Units
[-] B6.7 CM2350 B121B/B141B/B179B		
[-] CM2350A		
[-] System ID and Dataplate		
[-] Aftertreatment Information		
[-] System 1 Information		
Part Number	A062R566	
Serial Number	63197206519	
[-] Calibration Information		
Calibration Software Phase	1646143D	
Calibration Time/Date Stamp	040921185530	
DO Option	97471	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
ECM Code	HC80492.06	
Other Options		
SC Option	94717	
<input type="checkbox"/> Customer Information		
Customer Location	*****	
Customer Name	Customer Name**	
Customer Unit Number	*****	
<input type="checkbox"/> ECM Information		
ECM Name	CM2350A	
ECM Part Number	4384413	
ECM Serial Number	22636619	
<input type="checkbox"/> Engine Information		

Features and Parameters

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Engine Build Date	073020	
Engine Make	CMMNS	
Engine Model	6B u17D0670000000	
Engine Serial Number	74687297	
<input type="checkbox"/> System Information		
Advertised Power at RPM	220	hp
Advertised Power RPM	2400	RPM
Control Parts List	4569	
Fuel Code	FP93592	
Governed Speed	2600	RPM
Peak Torque at RPM	520	ft*lb
Peak Torque RPM	1600	RPM

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
<input type="checkbox"/> Vehicle/OEM Information		
OEM Name	DAIMLER TRUCKS	
OEM Vehicle or Equipment Model	M2 106	
Vehicle Identification Number or Equipment Serial Number	3ALACWFC1 MDMS3297	
Vehicle or Equipment Year	*****	
Accelerator Interlock	Disable	
<input type="checkbox"/> Accelerator Options	Enable	
Accelerator Type	Dual Analog	
Accelerator Brake Override	Disable	
<input type="checkbox"/> Adjustable Low Idle Speed	Enable	
Low Idle Speed	750	RPM
Low Idle Speed Adjustment Switch	Disable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
[-] Aftertreatment		
[-] Diesel Particulate Filter		
Active Regeneration in PTO and Remote Modes	Enable	
Aftertreatment Diesel Particulate Filter Stationary Regeneration with Parking Brake	Disable	
Aftertreatment Diesel Particulate Filter Temperature Stabilization	Enable	
[-] Automotive Mobile Regeneration	Enable	
Minimum Vehicle Speed	0	mph
Diesel Particulate Filter Lamp	Installed	
Diesel Particulate Filter Regeneration Permit Switch	Disable	
Diesel Particulate Filter Regeneration Start Switch	Enable	
[-] High Exhaust System Temperature Lamp Configuration	Enable	
Active Due to Regeneration	Enable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Active Maximum Speed	5	mph
Active Temperature	977	°F
Inactive Temperature	932	°F
[-] SCR Aftertreatment		
[-] Aftertreatment Diesel Exhaust Fluid Level System Configuration	Enable	
Aftertreatment Diesel Exhaust Fluid Low Level	10.0	percent
Aftertreatment Diesel Exhaust Fluid Warning Level	2.5	percent
[-] Diesel Exhaust Fluid Heater		
[-] Diesel Exhaust Fluid Heater Configuration	Enable	
Diesel Exhaust Fluid System Heating Type	Electric with Heated Connectors	
Diesel Exhaust Fluid Line Heater 1 Relay	Enable	
Diesel Exhaust Fluid Tank Heater 1 Relay	Enable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
<input type="checkbox"/> Alternator Failure Warning	Enable	
Idle Speedup	Disable	
Battery Power Required Lamp	Disable	
<input type="checkbox"/> Clutch Pedal Position Switch	Not Installed	
<input type="checkbox"/> Cruise Control	Enable	
Cruise Control Lower Droop	0.0	mph
Cruise Control Upper Droop	0.0	mph
Maximum Cruise Control Speed	70	mph
Adaptive Cruise	Disable	
Cruise Control Auto-Resume	Disable	
Cruise Control Pause Switch	Disable	
Cruise Control Save Set Speed	Disable	

Features and Parameters

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
[-] Cruise Control and Engine Brake Interaction	Enable	
Start Maximum Engine Braking	6.2	mph
Start Minimum Engine Braking	3.0	mph
[-] Cruise Control Switch Setup		
Switch Setup	Set/Coast (Resume/Accelerate)	
[-] Electrical System Voltage		
Electrical System Voltage	12V	
[-] Engine Brake Control	Enable	
Delay Time	0.5	s
Engine Brake Type	Exhaust Brake OR Variable Geometry Turbocharger	
Minimum Vehicle Speed	9.9	mph
Clutch Pedal Activation	Enable	

Features and Parameters

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Engine Brake Lamp	Disable	
Service Brake Activation	Disable	
Engine Coolant Level Sensor	Installed	
Engine Coolant Level Sensor 2	Disable	
Engine Oil Pressure Sensor	Enable	
Engine Protection	Enable	
Engine Coolant Level	Enable	
Time Based Shutdown	Disable	
Torque Derate	Enable	
Limited Restart	Enable	
Shutdown	Enable	
Shutdown Manual Override	Disable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Enhanced Auxiliary Shutdown Switch	Disable	
<input checked="" type="checkbox"/> Fan Control	Enable	
Fan Control Logic	0 Volt On	
<input checked="" type="checkbox"/> Air Conditioning Pressure Switch Input	Enable	
Minimum Fan On Time for Air Conditioning Pressure Switch	30	s
Vehicle Speed Interaction	Enable	
Fan Control Switch	Disable	
<input checked="" type="checkbox"/> Fan Minimum Run Time	Enable	
Minimum Run Time	00:00:30	HH:MM:SS
Fan on with Engine Braking	Disable	
Fan on With Remote Throttle	Disable	
<input checked="" type="checkbox"/> Fan Type	On/Off	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
<input type="checkbox"/> Fast Idle Warmup	Enable	
<input type="checkbox"/> Idle Speed	1200	RPM
<input type="checkbox"/> PTO Load Threshold	10	percent
<input type="checkbox"/> Fuel Level Sensor 2	Enable	
<input type="checkbox"/> Gear Down Protection	Disable	
<input type="checkbox"/> Governor Type		
<input type="checkbox"/> Governor Type	Automotive	
<input type="checkbox"/> Governor Type Switch	Disable	
<input type="checkbox"/> High Soot Load Shutdown	Enable	
<input type="checkbox"/> Idle Shutdown	Enable	
<input type="checkbox"/> Idle Shutdown Coolant Temperature Threshold	30	°F
<input type="checkbox"/> Percent Engine Load	100	percent

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Time Before Shutdown	00:05:00	HH:MM:SS
Ambient Temperature Override	Disable	
Greenhouse Gas Idle Shutdown	Disable	
Idle Shutdown Service Brake Switch	Disable	
Idle Shutdown With Parking Brake Set	Disable	
In PTO	Disable	
Manual Override	Disable	
Shutdown Accessory Relay	Not Installed	
Warning Period	Disable	
Intake Air Heater	Enable	
<input type="checkbox"/> J1939 Controls	Enable	
<input type="checkbox"/> J1939 Service Reset	Enable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
J1939 Stop Broadcast Allowed	Enable	
J1939 Trip Reset	Enable	
Maintenance Monitor	Disable	
OEM Ambient Air Temperature Sensor	Enable	
<input type="checkbox"/> Parking Brake Switch	Enable	
Powertrain Protection	Disable	
<input type="checkbox"/> PTO	Enable	
PTO Speed 1 Device		
PTO Speed 2 Device		
PTO Speed 3 Device		
PTO Speed 4 Device		
PTO Speed 5 Device		

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
PTO Speed 6 Device		
PTO Speed 7 Device		
PTO Speed 8 Device		
Additional Switch Speed	950	RPM
Maximum Engine Load	800	ft*lb
Maximum Speed	1300	RPM
Maximum Vehicle Speed	5	mph
Minimum Speed	750	RPM
Ramp Rate	100	rpm/s
Resume Switch Speed	825	RPM
Set Switch Speed	825	RPM
Accelerator Pedal or Lever Override	Disable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Alternate Operation	Disable	
Cab PTO	Enable	
Clutch Override	Disable	
Ignore Vehicle Speed Source in PTO	Disable	
Parking Brake Interlock Type	None	
PTO Pump Mode	Disable	
Remote PTO	Disable	
Remote PTO Service Brake and Clutch Override	Disable	
Remote Station PTO	Disable	
Service Brake Override	Disable	
Transmission Driven PTO	Disable	
Transmission Neutral Interlock	Disable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Zero Vehicle Speed Source Limit	Disable	
Remote Accelerator Pedal or Lever	Disable	
<input type="checkbox"/> Road Speed Governor	Enable	
Maximum Accelerator Vehicle Speed	70	mph
Maximum Vehicle Speed	90	mph
Road Speed Governor Lower Droop	0	mph
Road Speed Governor Upper Droop	0	mph
Greenhouse Gas Vehicle Speed Limiter	Disable	
Reserve Speed	Disable	
Switched Maximum Vehicle Speed	Disable	
<input type="checkbox"/> SAE J1939 Multiplexing		
Accelerator Interlock Switch	Disable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Accelerator Pedal Or Lever Position	Disable	
Adaptive Cruise Control Usage Demand Switch	Disable	
<input type="checkbox"/> Aftertreatment Diesel Exhaust Fluid Tank Level Sensor	Enable	
Source Address	163 - Catalyst Fluid Sensor	
<input type="checkbox"/> Aftertreatment Diesel Exhaust Fluid Tank Temperature Sensor	Enable	
Source Address	163 - Catalyst Fluid Sensor	
Aftertreatment Regeneration Permit Switch	Disable	
<input type="checkbox"/> Aftertreatment Regeneration Start Switch	Enable	
Source Address	33 - Body Controller	
Air Conditioning Pressure Switch	Disable	
Auxiliary Shutdown Switch	Disable	
Clutch Pedal Position Switch	Disable	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Cruise Control On/Off Switch	Disable	
Cruise Control Pause Switch	Disable	
Cruise Control Set / Resume Switch	Disable	
<input type="checkbox"/> Diagnostic Test Mode Switch	Enable	
<input type="checkbox"/> Source Address	33 - Body Controller	
<input type="checkbox"/> Engine Brake Switch Level	Enable	
<input type="checkbox"/> Source Address	33 - Body Controller	
Engine Protection Shutdown Manual Override	Disable	
Fan Control Switch	Disable	
Fan Control Switch 2	Disable	
<input type="checkbox"/> Fuel Level Sensor	Enable	
<input type="checkbox"/> Source Address	23 - Instrument Cluster #1	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Fuel Level Sensor 2	Disable	
Idle Increment/ Idle Decrement Switch	Disable	
Idle Validation Switch	Disable	
<input checked="" type="checkbox"/> Parking Brake	Enable	
<input type="checkbox"/> Source Address	33 - Body Controller	
PTO On/Off Switch	Disable	
PTO Set / Resume Switch	Disable	
Rear Axle Ratio Switch	Disable	
Remote Accelerator Pedal or Lever	Disable	
Remote Accelerator Pedal or Lever Switch	Disable	
Remote PTO Switch	Disable	
<input checked="" type="checkbox"/> Service Brake Switch	Enable	

Features and Parameters

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Source Address	33 - Body Controller	
Torque Derate Switch	Disable	
Wait To Start Lamp	Disable	
<input type="checkbox"/> Service Brake Switch	Enable	
Starter Lockout	Disable	
<input type="checkbox"/> Sudden Deceleration Event Settings	Enable	
Sudden Deceleration Rate Threshold	9.0	mph/s
Switched Maximum Engine Operating Speed	Disable	
<input type="checkbox"/> Transmission Setup	Enable	
Gear Down Transmission Ratio	0.71	
Top Gear Transmission Ratio	0.61	
Transmission Type	Automatic	

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
<input type="checkbox"/> Trip Information	Enable	
ECM Distance Offset	0.0	mi
Engine Distance Offset	0.0	mi
Vehicle Overspeed 1	73.9	mph
Vehicle Overspeed 2	77.1	mph
ECM Time Offset	000000	HHHHHH
Engine Time Offset	000000	HHHHHH
Variable Rate Vehicle Acceleration Management	Disable	
<input type="checkbox"/> Vehicle Speed Source	Enable	
Maximum Engine Speed without Vehicle Speed Source	2200	RPM
Number of Transmission Tailshaft Gear Teeth	16	
Rear Axle Ratio	5.22	

Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-084103

Features and Parameters

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-084146318
Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Tire Size	495	revs/mi
Vehicle Speed Sensor Type	Data Link - Tailshaft	
Two Speed Rear Axle	Disable	
Water In Fuel Sensor	Installed	

Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-084103

Multi Level ECM Security

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-084146318
Customer Name :Customer Name**

Multi Level ECM Security

Password	Value
Master Password	Enabled
Adjustment Password	Enabled
Reset Password	Enabled
OEM Password	Disabled
OEM 2 Password	Disabled
Greenhouse Gas - Idle Shutdown Password	Disabled
Greenhouse Gas - Vehicle Speed Limiter Password	Disabled

SAE J1939 Multiplexed Fault Data

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

SAE J1939 Multiplexed Fault Data

Fault Code	Multiplexed Component or Data Parameter	Status	Total ECM Time (Key On Time)	ECM Real Time	
<input type="checkbox"/> CM2350A					
<input type="checkbox"/> 0285	SAE J1939 Multiplexing PGN Timeout Error				
	Aftertreatment Regeneration Start Switch	Active	004737:14:59	Not Applicable	
	Parking Brake	Active	004737:14:59	Not Applicable	
	Service Brake Switch	Active	004737:14:59	Not Applicable	
	Diagnostic Test Mode Switch	Active	004737:14:59	Not Applicable	
	Engine Brake Switch Level	Active	004737:14:59	Not Applicable	
<input type="checkbox"/> 0286	SAE J1939 Multiplexing Configuration Error				
	No SAE J1939 Multiplexed Fault Data is available for display because there has been no occurrence of Fault Code 0286				

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

System ID and Dataplate

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

System ID And Dataplate

Features and Parameters	ECM Value	Units
[-] B6.7 CM2350 B121B/B141B/B179B		
[-] CM2350A		
[-] System ID and Dataplate		
[-] Aftertreatment Information		
[-] System 1 Information		
Part Number	A062R566	
Serial Number	63197206519	
[-] Calibration Information		
Calibration Software Phase	1646143D	
Calibration Time/Date Stamp	040921185530	
DO Option	97471	

System ID and Dataplate

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
ECM Code	HC80492.06	
Other Options		
SC Option	94717	
<input type="checkbox"/> Customer Information		
Customer Location	*****	
Customer Name	Customer Name**	
Customer Unit Number	*****	
<input type="checkbox"/> ECM Information		
ECM Name	CM2350A	
ECM Part Number	4384413	
ECM Serial Number	22636619	
<input type="checkbox"/> Engine Information		

System ID and Dataplate

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103






INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
Engine Build Date	073020	
Engine Make	CMMNS	
Engine Model	6B u17D0670000000	
Engine Serial Number	74687297	
<input type="checkbox"/> System Information		
Advertised Power at RPM	220	hp
Advertised Power RPM	2400	RPM
Control Parts List	4569	
Fuel Code	FP93592	
Governed Speed	2600	RPM
Peak Torque at RPM	520	ft*lb
Peak Torque RPM	1600	RPM

System ID and Dataplate

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Features and Parameters	ECM Value	Units
 Vehicle/OEM Information		
 OEM Name	DAIMLER TRUCKS	
 OEM Vehicle or Equipment Model	M2 106	
 Vehicle Identification Number or Equipment Serial Number	3ALACWFC1 MDMS3297	
 Vehicle or Equipment Year	*****	

Engine Serial Number :74687297
Customer Unit Number :*****
Work Order Name :WO-20230307-084103

Technician's Note

INSITE - 8.8.0.101 / Datapack 8.8.00101
Company Name :Cummins Inc.
ECM Image Name :I-20230307-084146318
Customer Name :Customer Name**

Technician's Note

Description	CM2350 NTSB HWY23FH005 2nd connectionCM2350 NTSB HWY23FH0
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Trip Information

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Trip Information

Name	ECM Value	Units
[-] B6.7 CM2350 B121B/B141B/B179B		
[-] CM2350A		
[-] All Trips (Cumulative)		
[-] Aftertreatment		
♦ Diesel Exhaust Fluid to Fuel Consumption Ratio	4	percent
♦ Maximum Diesel Particulate Filter Differential Pressure	1.2	inHg
♦ Maximum Diesel Particulate Filter Soot Load	Normal	
♦ Number of Complete Regenerations	172	
♦ Number of Incomplete Regenerations	0	
♦ Total Diesel Exhaust Fluid Used	651.8	gal
[-] Distance		
♦ Cruise Control Distance	10671.4	mi
♦ ECM Distance	168428.9	mi
♦ Engine Distance	168386.7	mi
♦ Engine Brake Distance	1285.7	mi
♦ Gear Down Distance	70722.5	mi
♦ Maximum Accelerator Vehicle Speed Distance	29935.9	mi
♦ Service Brake Distance	5626.1	mi
♦ Top Gear Distance	67034.7	mi
[-] Fuel Used		
♦ Coast Fuel Used	3.5	gal
♦ Cruise Control Fuel Used	1075.1	gal
♦ Drive Fuel Used	15919.4	gal
♦ Fuel Consumed for Aftertreatment Injection	63.9	gal
♦ Fuel Used	16649.9	gal
♦ Gear Down Fuel Used	7369.2	gal

Trip Information

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Name	ECM Value	Units
Idle Fuel Used	339.9	gal
Loaded PTO Drive Fuel Used	0.0	gal
Loaded PTO Stationary Fuel Used	0.0	gal
Maximum Accelerator Vehicle Speed Fuel Used	2279.5	gal
PTO Device 1 Total Fuel Used	43	gal
PTO Device 2 Total Fuel Used	206	gal
PTO Device 3 Total Fuel Used	0	gal
PTO Device 4 Total Fuel Used	0	gal
PTO Device 5 Total Fuel Used	0	gal
PTO Device 6 Total Fuel Used	0	gal
PTO Device 7 Total Fuel Used	0	gal
PTO Device 8 Total Fuel Used	0	gal
PTO Drive Fuel Used	3.2	gal
PTO Fuel Used	255.1	gal
Top Gear Fuel Used	4576.2	gal
Multiple PTO		
PTO Speed 1 Device		
PTO Speed 2 Device		
PTO Speed 3 Device		
PTO Speed 4 Device		
PTO Speed 5 Device		
PTO Speed 6 Device		
PTO Speed 7 Device		
PTO Speed 8 Device		
Other		
Average Engine Load	50.0	percent
Average Engine Speed	1512	RPM
Drive Average Power	113	hp
Engine Brake Activations	32885	
Engine Protection Shutdown Manual Override	0	

Trip Information

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Name	ECM Value	Units
◆ Maximum Engine Speed	3110	RPM
◆ Number Of Trip Resets	0	
[-] 📁 Time		
◆ Coast Time	000161:43:03	HHHHHH:MM:SS
◆ Cruise Control Time	000159:32:07	HHHHHH:MM:SS
◆ Drive Time	003203:40:04	HHHHHH:MM:SS
◆ ECM Time (Key On Time)	004737:28:11	HHHHHH:MM:SS
◆ Engine Brake Time	000033:52:56	HHHHHH:MM:SS
◆ Engine Run Time	004386:25:07	HHHHHH:MM:SS
◆ Full Load Operation Time	000671:51:22	HHHHHH:MM:SS
◆ Gear Down Time	001195:02:53	HHHHHH:MM:SS
◆ Idle Time	000536:08:01	HHHHHH:MM:SS
◆ Loaded PTO Drive Time	000000:00:00	HHHHHH:MM:SS
◆ Loaded PTO Stationary Time	000000:00:01	HHHHHH:MM:SS
◆ Maximum Accelerator Vehicle Speed Time	000428:25:21	HHHHHH:MM:SS
◆ PTO Device 1 Total Time	0000041:46	HHHHHH:MM
◆ PTO Device 2 Total Time	0000224:05	HHHHHH:MM
◆ PTO Device 3 Total Time	0000000:00	HHHHHH:MM
◆ PTO Device 4 Total Time	0000000:00	HHHHHH:MM
◆ PTO Device 5 Total Time	0000000:00	HHHHHH:MM
◆ PTO Device 6 Total Time	0000000:00	HHHHHH:MM
◆ PTO Device 7 Total Time	0000000:00	HHHHHH:MM
◆ PTO Device 8 Total Time	0000000:00	HHHHHH:MM
◆ PTO Drive Time	000003:15:14	HHHHHH:MM:SS
◆ Service Brake Time	000254:00:13	HHHHHH:MM:SS
◆ Top Gear Time	001024:58:50	HHHHHH:MM:SS
◆ Total PTO Time	000484:19:28	HHHHHH:MM:SS
[-] 📁 Trip Since Last Reset		
[-] 📁 Aftertreatment		
◆ Aftertreatment Diesel Exhaust Fluid Used	651.8	gal

Trip Information

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Name	ECM Value	Units
⚡ Diesel Exhaust Fluid to Fuel Consumption Ratio	4	percent
⚡ Maximum Diesel Particulate Filter Differential Pressure	1.2	inHg
⚡ Maximum Diesel Particulate Filter Soot Load	Normal	
⚡ Number of Complete Regenerations	172	
⚡ Number of Incomplete Regenerations	0	
[-] 📁 Fuel Used		
⚡ Average Fuel Economy	10.1	mpg
⚡ Average Fuel Rate	3.8	gph
⚡ Fuel Consumed for Aftertreatment Injection	62.7	gal
⚡ Fuel Used	16621.4	gal
⚡ Idle Fuel Used	339.9	gal
⚡ Loaded PTO Stationary Fuel Used	0.0	gal
⚡ PTO Device 1 Trip Fuel Used	43	gal
⚡ PTO Device 2 Trip Fuel Used	206	gal
⚡ PTO Device 3 Trip Fuel Used	0	gal
⚡ PTO Device 4 Trip Fuel Used	0	gal
⚡ PTO Device 5 Trip Fuel Used	0	gal
⚡ PTO Device 6 Trip Fuel Used	0	gal
⚡ PTO Device 7 Trip Fuel Used	0	gal
⚡ PTO Device 8 Trip Fuel Used	0	gal
⚡ PTO Fuel Used	255.1	gal
[-] 📁 Other		
⚡ Average Engine Load	50.0	percent
⚡ Average Engine Speed	1512	RPM
⚡ Engine Protection Shutdown Manual Override	0	
⚡ Keyswitch Cycles	5386	
⚡ Maximum Engine Speed	3110	RPM
⚡ Number of Idle Shutdown Overrides	0	
⚡ Number of Idle Shutdowns	1777	
[-] 📁 Time		

Trip Information

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Name	ECM Value	Units
⚡ ECM Time	004669:36:44	HHHHHH:MM:SS
⚡ Engine Protection Time Derated	000076:27:03	HHHHHH:MM:SS
⚡ Engine Run Time	004386:42:24	HHHHHH:MM:SS
⚡ Fan On Time	000223:56:14	HHHHHH:MM:SS
⚡ Fan Time Due To Air Conditioning Pressure Switch	000210:18:58	HHHHHH:MM:SS
⚡ Fan Time Due To Engine Conditions	000013:37:16	HHHHHH:MM:SS
⚡ Fan Time Due To Fan Control Switch	000000:00:00	HHHHHH:MM:SS
⚡ Fan Time Without Vehicle Speed	000205:13:40	HHHHHH:MM:SS
⚡ Full Load Operation Time	000671:51:22	HHHHHH:MM:SS
⚡ Idle Time	000536:08:01	HHHHHH:MM:SS
⚡ Loaded PTO Stationary Time	000000:00:01	HHHHHH:MM:SS
⚡ Maximum Accelerator Vehicle Speed Time	000428:25:21	HHHHHH:MM:SS
⚡ Percent Trip Time At Idle	12.2	percent
⚡ PTO Device 1 Trip Time	0000041:46	HHHHHH:MM
⚡ PTO Device 2 Trip Time	0000224:05	HHHHHH:MM
⚡ PTO Device 3 Trip Time	0000000:00	HHHHHH:MM
⚡ PTO Device 4 Trip Time	0000000:00	HHHHHH:MM
⚡ PTO Device 5 Trip Time	0000000:00	HHHHHH:MM
⚡ PTO Device 6 Trip Time	0000000:00	HHHHHH:MM
⚡ PTO Device 7 Trip Time	0000000:00	HHHHHH:MM
⚡ PTO Device 8 Trip Time	0000000:00	HHHHHH:MM
⚡ PTO Time	000484:19:28	HHHHHH:MM:SS
📁 Trip Since Last Reset Drive (Vehicle Speed > 0)		
📁 Distance		
⚡ Coast Distance	7278.7	mi
⚡ Cruise Control Distance	10671.4	mi
⚡ ECM Distance	168428.8	mi
⚡ Engine Brake Distance	1285.7	mi
⚡ Engine Distance	168388.2	mi
⚡ Gear Down Distance	70722.5	mi

Trip Information

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Name	ECM Value	Units
Loaded PTO Drive Distance	0.0	mi
Maximum Accelerator Vehicle Speed Distance	29935.9	mi
PTO Drive Distance	10.0	mi
Service Brake Distance	5626.1	mi
Top Gear Distance	67034.7	mi
Trip Drive Distance	168378.2	mi
Vehicle Overspeed 1 Distance	1.1	mi
Vehicle Overspeed 2 Distance	0.0	mi
Fuel Used		
Coast Fuel Used	3.5	gal
Cruise Control Fuel Used	1075.1	gal
Drive Average Fuel Economy	10.6	mpg
Drive Fuel Used	15919.4	gal
Gear Down Fuel Used	7369.2	gal
Loaded PTO Drive Fuel Used	0.0	gal
Maximum Accelerator Vehicle Speed Fuel Used	2279.5	gal
PTO Drive Fuel Used	3.2	gal
Top Gear Fuel Used	4576.2	gal
Vehicle Overspeed 1 Fuel Used	0.0	gal
Vehicle Overspeed 2 Fuel Used	0.0	gal
Other		
Average Vehicle Speed	38	mph
Drive Average Engine Speed	1749	RPM
Drive Average Load	62.0	percent
Drive Average Power	113	hp
Engine Brake Activations	32885	
Engine Brakes Percent Time	0.8	percent
Maximum Accelerator Vehicle Speed	10	percent
Maximum Vehicle Speed	76	mph
Number of Sudden Decelerations	114	

Trip Information

Engine Serial Number :74687297
 Customer Unit Number :*****
 Work Order Name :WO-20230307-084103

INSITE - 8.8.0.101 / Datapack 8.8.00101
 Company Name :Cummins Inc.
 ECM Image Name :I-20230307-084146318
 Customer Name :Customer Name**

Name	ECM Value	Units
⚡ Out of Gear Coasts	0	
⚡ Service Brake Actuations	190911	
📁 Time		
⚡ Coast Time	000161:43:03	HHHHHH:MM:SS
⚡ Cruise Control Time	000159:32:07	HHHHHH:MM:SS
⚡ Drive Time	003203:40:04	HHHHHH:MM:SS
⚡ Engine Brake Time	000033:52:56	HHHHHH:MM:SS
⚡ Fan Time With Vehicle Speed	000018:42:34	HHHHHH:MM:SS
⚡ Gear Down Time	001195:02:53	HHHHHH:MM:SS
⚡ Loaded PTO Drive Time	000000:00:00	HHHHHH:MM:SS
⚡ Maximum Accelerator Vehicle Speed Time	000428:25:21	HHHHHH:MM:SS
⚡ Out of Gear Coast Time	000000:00:00	HHHHHH:MM:SS
⚡ PTO Drive Time	000003:15:14	HHHHHH:MM:SS
⚡ Service Brake Time	000254:00:13	HHHHHH:MM:SS
⚡ Top Gear Time	001024:58:50	HHHHHH:MM:SS
⚡ Vehicle Overspeed 1 Time	000000:00:51	HHHHHH:MM:SS
⚡ Vehicle Overspeed 2 Time	000000:00:00	HHHHHH:MM:SS

Engine AfterTreatment Report

Engine Type	B6.7 2017	Ecm Code	HC80492.06
Engine Serial Number	74687297	Software Phase	22.70.20.61
Unit Number	*****	Extraction Date	03-07-2023 09:03:24

Aftertreatment Regeneration History

ECM Time (Key On Time)	Time Since Previous Regen	Starting DPF Soot Load	Ending DPF Soot Load	Starting DOC Inlet Temp(°F)	Max DPF Inlet Temp (°F)	Max DPF Outlet Temp(°F)	Max DPF Delta Pressure (psi)
4499:2:19	-25:-31:-1 5	Normal	Normal	534.54	1042.14	1105.31	0.51
4524:33:34	-25:-5:-33	Normal	Normal	584.94	1034.04	1102.27	0.58
4549:39:8	-25:-34:-4 1	Normal	Normal	537.07	1047.54	1112.51	0.58
4575:13:49	-24:-56:-9	Normal	Normal	647.77	1038.71	1094.34	0.51
4600:9:59	-27:-10:-3 3	Normal	Normal	454.44	1024.14	1089.84	0.45
4627:20:32	-27:-26:-5 4	Normal	Normal	589.44	1058	1103.68	0.48
4654:47:27	-24:-30:-1 6	Normal	Normal	543.2	1054.4	1101.2	0.46
4679:17:43	-28:-4:-59	Normal	Normal	568.4	1040.51	1106.6	0.55
4707:22:43	-28:-53:-5 2	Normal	Normal	535.61	1045.4	1099.74	0.5
4736:16:35	-	Normal	Normal	597.37	1070.94	1099.01	0.47
Average:	-	-	-	559.28	1045.58	1101.45	0.51
Std Dev:	-	-	-	48.83	12.48	6.03	0.04

Maximum Soot Load Condition

ECM Time (Key On Time)	Elapsed Time	Maximum DPF Soot Load	DOC Inlet Temp(°F)	DPF Inlet Temp(°F)	DPF Outlet Temp(°F)	DPF Delta Pressure (psi)
298261:37:3-	-	255	NaN	NaN	NaN	NaN

Maximum DPF Outlet Temperature Condition

ECM Time (Key On Time)	Elapsed Time	DPF Soot Load	DOC Inlet Temp(°F)	DPF Inlet Temp(°F)	Max DPF Outlet Temp(°F)	DPF Delta Pressure (psi)
2676:44:20	-	-	Normal	579.54	1006.31	1116.84 0.39

Aftertreatment Maintenance

ECM Time (Key On Time)	Elapsed Time	Aftertreatment Reset Applied
------------------------	--------------	------------------------------

Diesel Particulate Filter Parameters

Active Regeneration in PTO and Remote Modes	Enable
Stationary Regeneration with Parking Brake	Disable
Diesel Particulate Filter Temperature Stabilization	Enable
Automatic Stationary Regeneration	Disable
Automotive Mobile Regeneration	Enable
Minimum Vehicle Speed	0 mph
Diesel Particulate Filter Lamp	Enable
Diesel Particulate Filter Permit Switch	Disable
Diesel Particulate Filter Start Switch	Enable
High Exhaust System Temperature Lamp	Enable
HEST Active Maximum Speed	5 mph
HEST Inactive Temperature	932 °F
SAE J1939 Multiplexing - Aftertreatment Regeneration Permit Switch	Enable
SAE J1939 Multiplexing - Aftertreatment Regeneration Start Switch	Enable

Engine Dataplate Report

Engine Type	B6.7 2017	Ecm Code	HC80492.06
Engine Serial Number	74687297	Software Phase	22.70.20.61
Unit Number	*****	Extraction Date	03-07-2023 08:59:17

ECM Information

Module Name	CM2350
Ecm Code	HC80492.06
Software Phase	22.70.20.61
ECM Serial Number	22636619
ECM Part Number	4384413

Engine Information

Engine Model	B6.7 2017
Engine Build Date	300720
Engine Serial Number	74687297
Do Option	97471
SC Option	94717

Vehicle Information

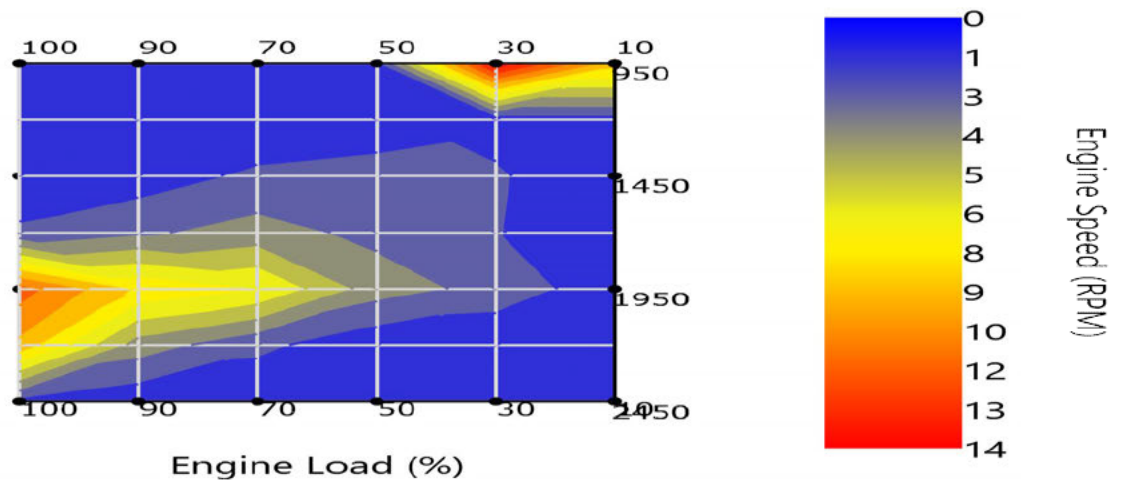
Vehicle Identification Number (VIN)	3ALACWFC1MDMS3297
Vehicle or Equipment Year	*****
OEM Vehicle Equipment Model	M2 106
Customer Name	CustomerName**
Customer Location	*****
Vehicle Unit Number	*****

Engine Duty Cycle Report

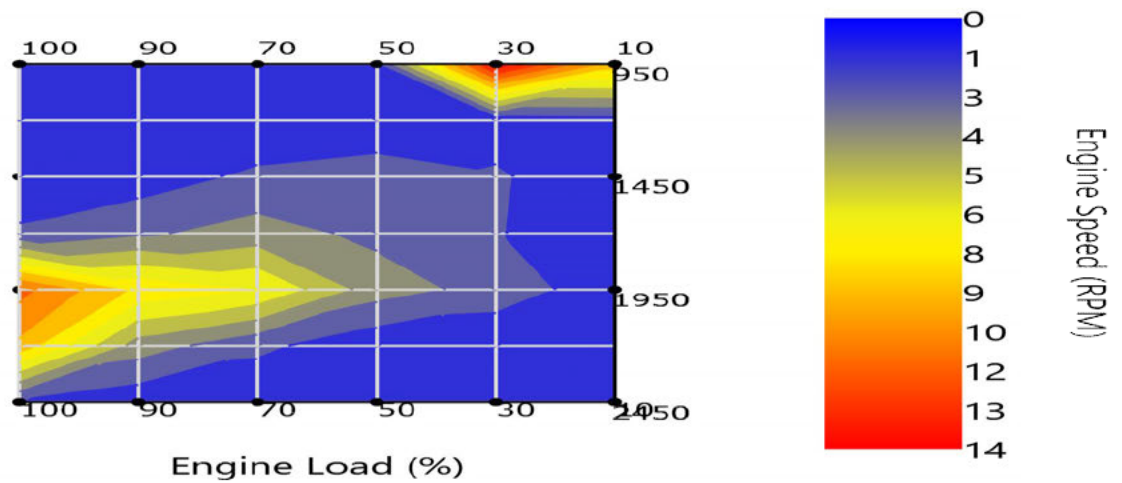
Engine Type	B6.7 2017	Ecm Code	HC80492.06
Engine Serial Number	74687297	Software Phase	22.70.20.61
Unit Number	*****	Extraction Date	03-07-2023 09:00:00

Duty Cycle Report Graphs

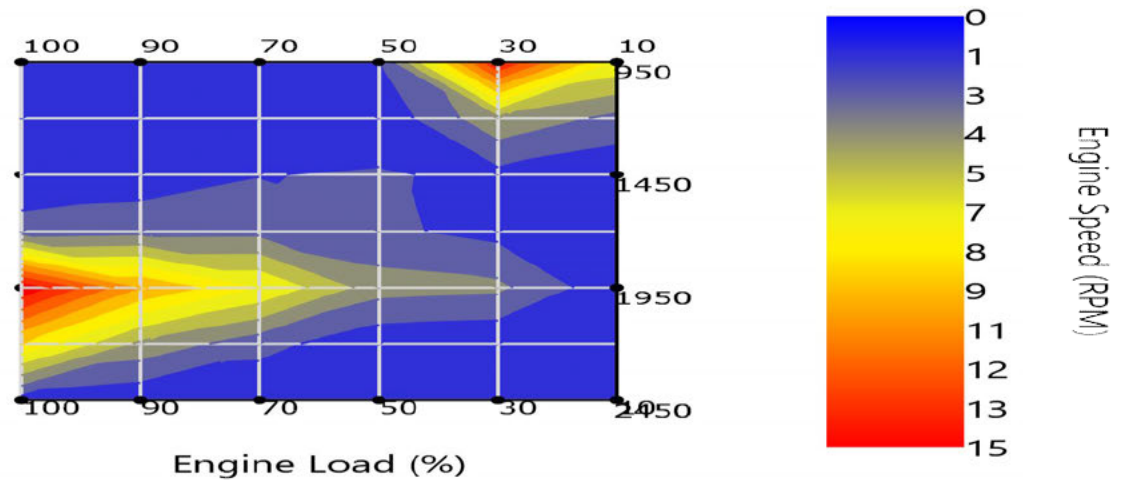
Duty Cycle Monitor - Long Term Map



Duty Cycle Monitor - Short Term Map 1



Duty Cycle Monitor - Short Term Map 2



Long Term Map

Long Term Map Start Time 00:00:00
 Long Term Map Total Time 523:03:50

	950	1200	1450	1700	1950	2200	2450	INF
100	0.02%	0%	0.1%	1.57%	10.95%	8.72%	1.19%	0.05%
90	0.01%	0.03%	0.63%	2.38%	7.58%	3.3%	0.36%	0.02%
70	0.03%	0.17%	1.58%	3.09%	6.51%	1.63%	0.15%	0.01%
50	1.27%	0.45%	1.88%	2.24%	3.22%	0.34%	0.04%	0%
30	14.12%	0.93%	1.41%	1.35%	2.14%	0.15%	0.02%	0%
10	8.53%	0.93%	0.48%	0.41%	0.48%	0.05%	0.01%	0%
0	9.5%							0%

Short Term Map 1

Map 1 Start Time 00:00:00
 Map 1 Total Time 500:00:00
 Map 1 Hours Remaining Time 00:00:00

	950	1200	1450	1700	1950	2200	2450	INF
100	0.01%	0%	0.1%	1.55%	10.78%	8.75%	1.2%	0.04%
90	0.01%	0.03%	0.63%	2.38%	7.49%	3.28%	0.37%	0.02%
70	0.03%	0.18%	1.59%	3.12%	6.5%	1.62%	0.15%	0.01%
50	1.26%	0.46%	1.9%	2.27%	3.22%	0.34%	0.04%	0%
30	14.14%	0.8%	1.43%	1.37%	2.1%	0.15%	0.02%	0%
10	8.63%	0.87%	0.49%	0.42%	0.48%	0.05%	0.01%	0%
0	9.72%							0%

Short Term Map 2

Map 2 Start Time 00:00:00
 Map 2 Total Time 23:03:50
 Map 2 Hours Remaining Time 476:56:10

	950	1200	1450	1700	1950	2200	2450	INF
100	0.19%	0%	0.12%	2%	14.59%	7.99%	0.81%	0.14%
90	0.01%	0.01%	0.61%	2.23%	9.47%	3.72%	0.23%	0.01%
70	0.03%	0.08%	1.28%	2.28%	6.73%	1.87%	0.09%	0%

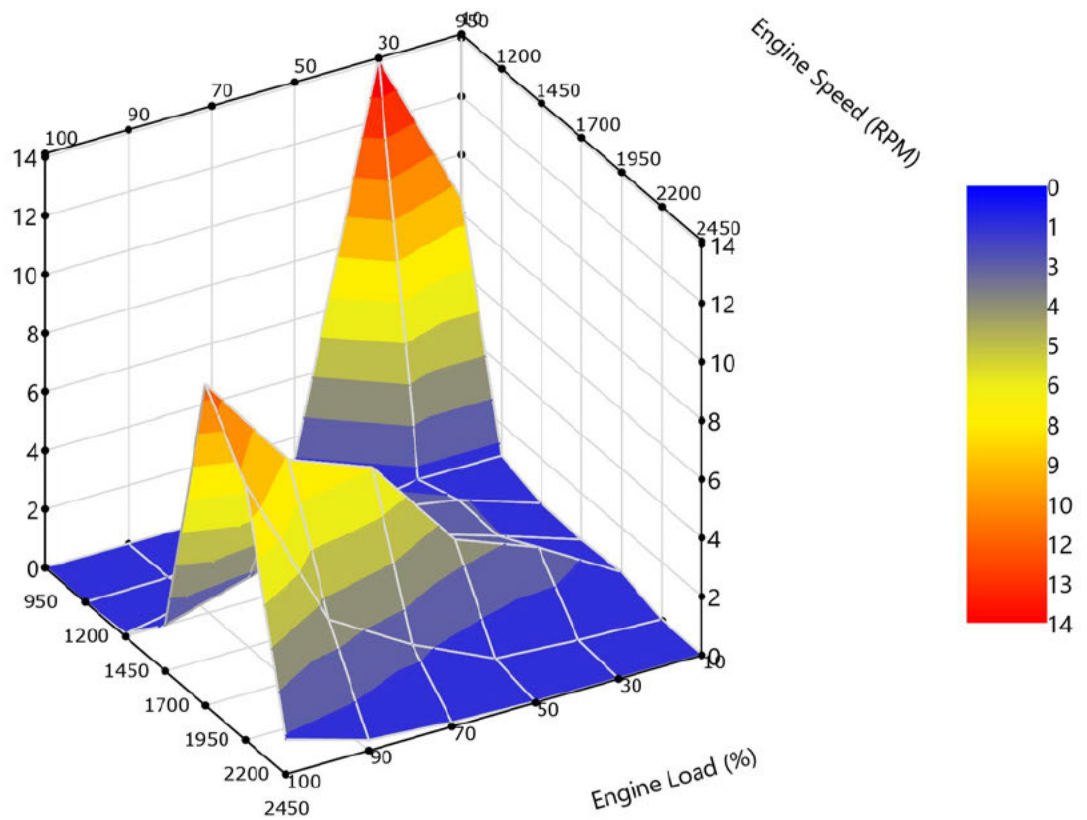
50	1.37%	0.36%	1.49%	1.6%	3.3%	0.3%	0.03%	0%
30	13.76%	3.76%	0.96%	0.92%	2.99%	0.13%	0.02%	0%
10	6.4%	2.31%	0.28%	0.23%	0.39%	0.03%	0%	0%
0	4.88%							0%

Engine Duty Cycle Report

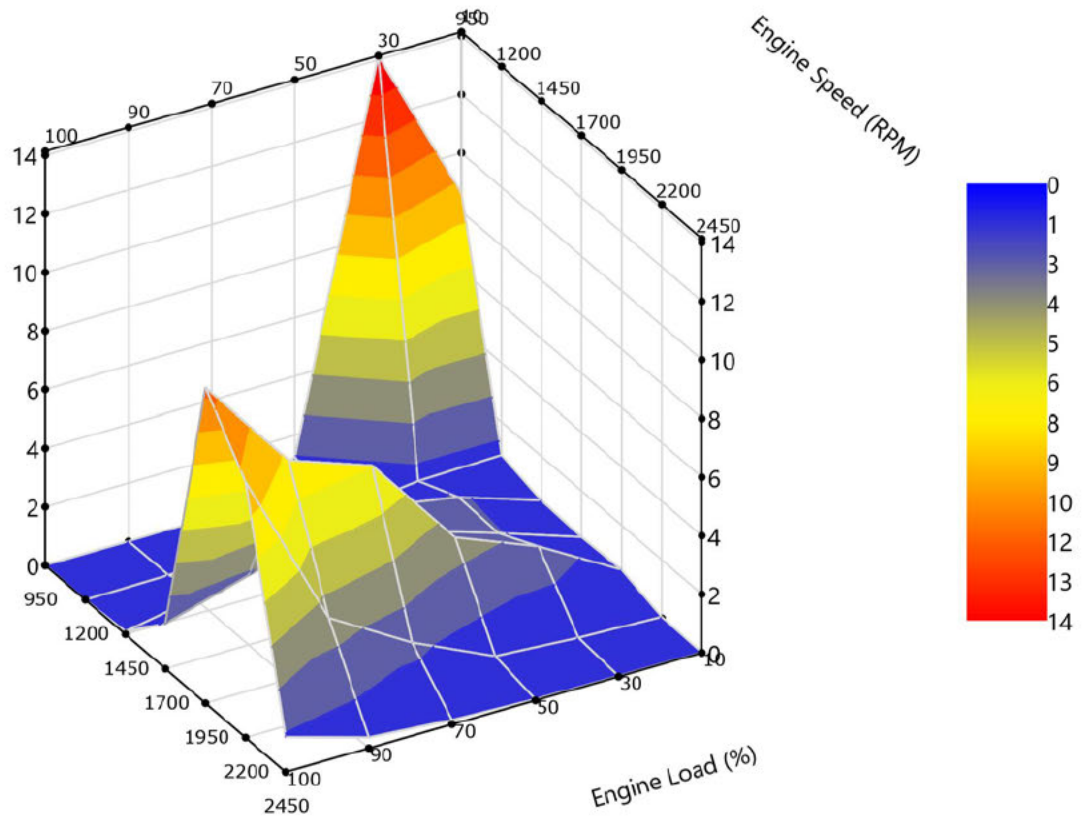
Engine Type	B6.7 2017	Ecm Code	HC80492.06
Engine Serial Number	74687297	Software Phase	22.70.20.61
Unit Number	*****	Extraction Date	03-07-2023 09:00:00

Duty Cycle Report Graphs

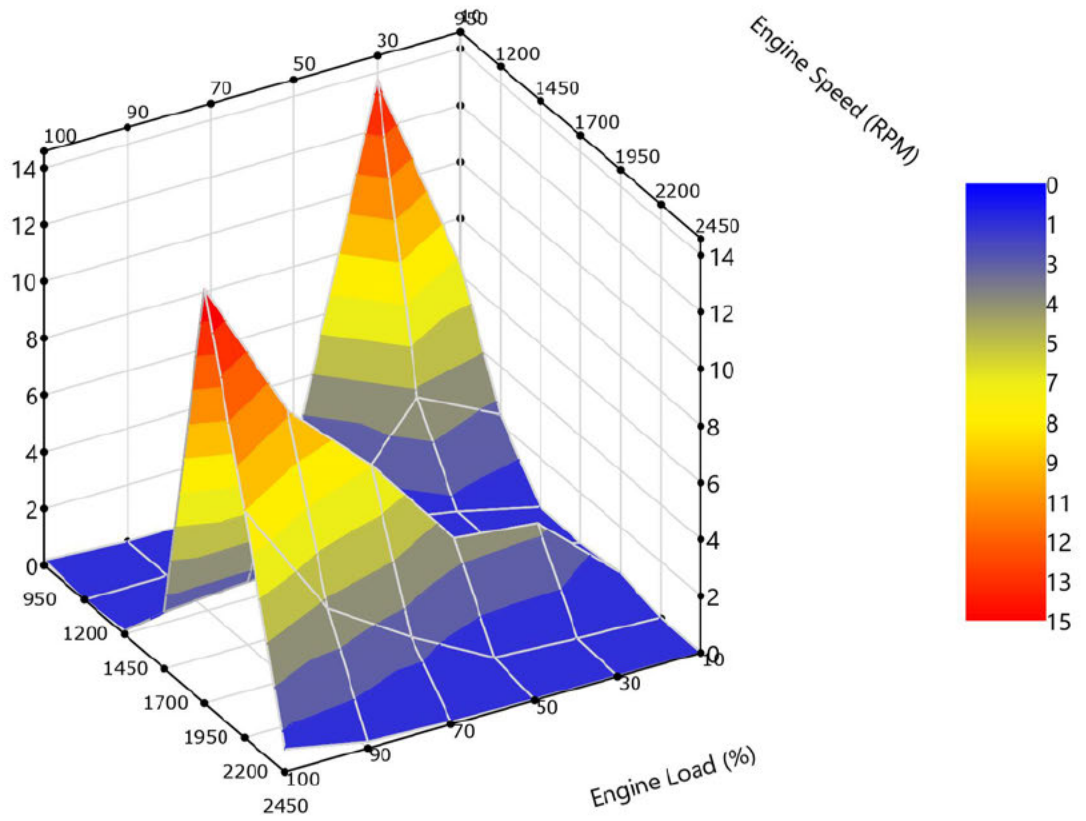
Duty Cycle Monitor - Long Term Map



Duty Cycle Monitor - Short Term Map 1



Duty Cycle Monitor - Short Term Map 2



Long Term Map

Long Term Map Start Time 00:00:00
 Long Term Map Total Time 523:03:50

	950	1200	1450	1700	1950	2200	2450	INF
100	0.02%	0%	0.1%	1.57%	10.95%	8.72%	1.19%	0.05%
90	0.01%	0.03%	0.63%	2.38%	7.58%	3.3%	0.36%	0.02%
70	0.03%	0.17%	1.58%	3.09%	6.51%	1.63%	0.15%	0.01%
50	1.27%	0.45%	1.88%	2.24%	3.22%	0.34%	0.04%	0%
30	14.12%	0.93%	1.41%	1.35%	2.14%	0.15%	0.02%	0%
10	8.53%	0.93%	0.48%	0.41%	0.48%	0.05%	0.01%	0%
0	9.5%							0%

Short Term Map 1

Map 1 Start Time 00:00:00
 Map 1 Total Time 500:00:00
 Map 1 Hours Remaining Time 00:00:00

	950	1200	1450	1700	1950	2200	2450	INF
100	0.01%	0%	0.1%	1.55%	10.78%	8.75%	1.2%	0.04%
90	0.01%	0.03%	0.63%	2.38%	7.49%	3.28%	0.37%	0.02%
70	0.03%	0.18%	1.59%	3.12%	6.5%	1.62%	0.15%	0.01%
50	1.26%	0.46%	1.9%	2.27%	3.22%	0.34%	0.04%	0%
30	14.14%	0.8%	1.43%	1.37%	2.1%	0.15%	0.02%	0%
10	8.63%	0.87%	0.49%	0.42%	0.48%	0.05%	0.01%	0%
0	9.72%							0%

Short Term Map 2

Map 2 Start Time 00:00:00
 Map 2 Total Time 23:03:50
 Map 2 Hours Remaining Time 476:56:10

	950	1200	1450	1700	1950	2200	2450	INF
100	0.19%	0%	0.12%	2%	14.59%	7.99%	0.81%	0.14%
90	0.01%	0.01%	0.61%	2.23%	9.47%	3.72%	0.23%	0.01%
70	0.03%	0.08%	1.28%	2.28%	6.73%	1.87%	0.09%	0%

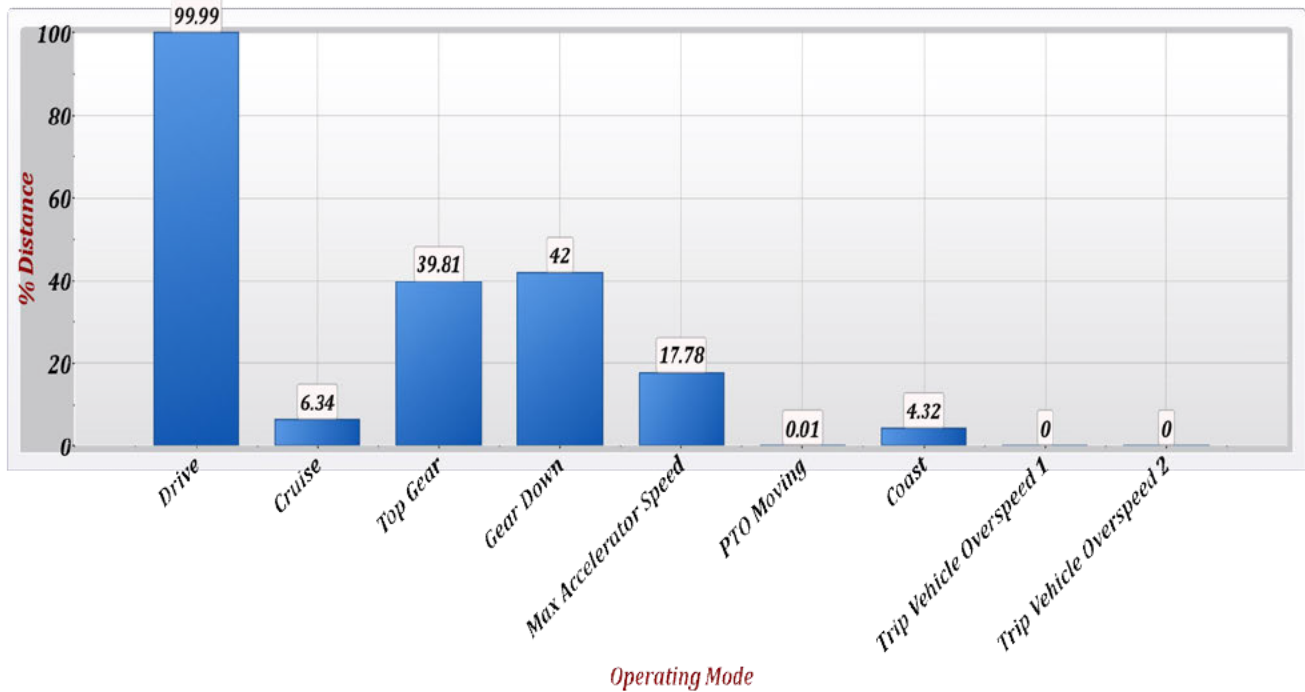
50	1.37%	0.36%	1.49%	1.6%	3.3%	0.3%	0.03%	0%
30	13.76%	3.76%	0.96%	0.92%	2.99%	0.13%	0.02%	0%
10	6.4%	2.31%	0.28%	0.23%	0.39%	0.03%	0%	0%
0	4.88%							0%

Engine Trip Operating Mode Report

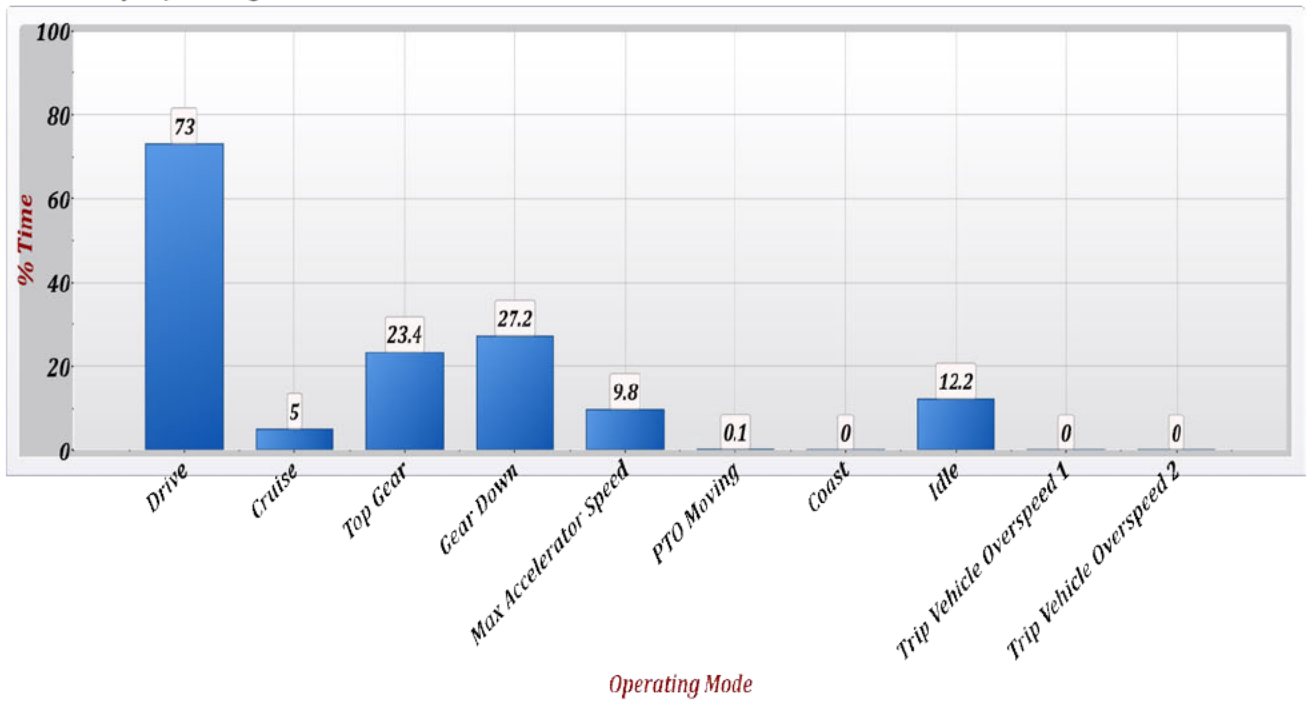
Engine Type	B6.7 2017	Ecm Code	HC80492.06
Engine Serial Number	74687297	Software Phase	22.70.20.61
Unit Number	*****	Extraction Date	03-07-2023 08:52:22

Operating Mode Graphs

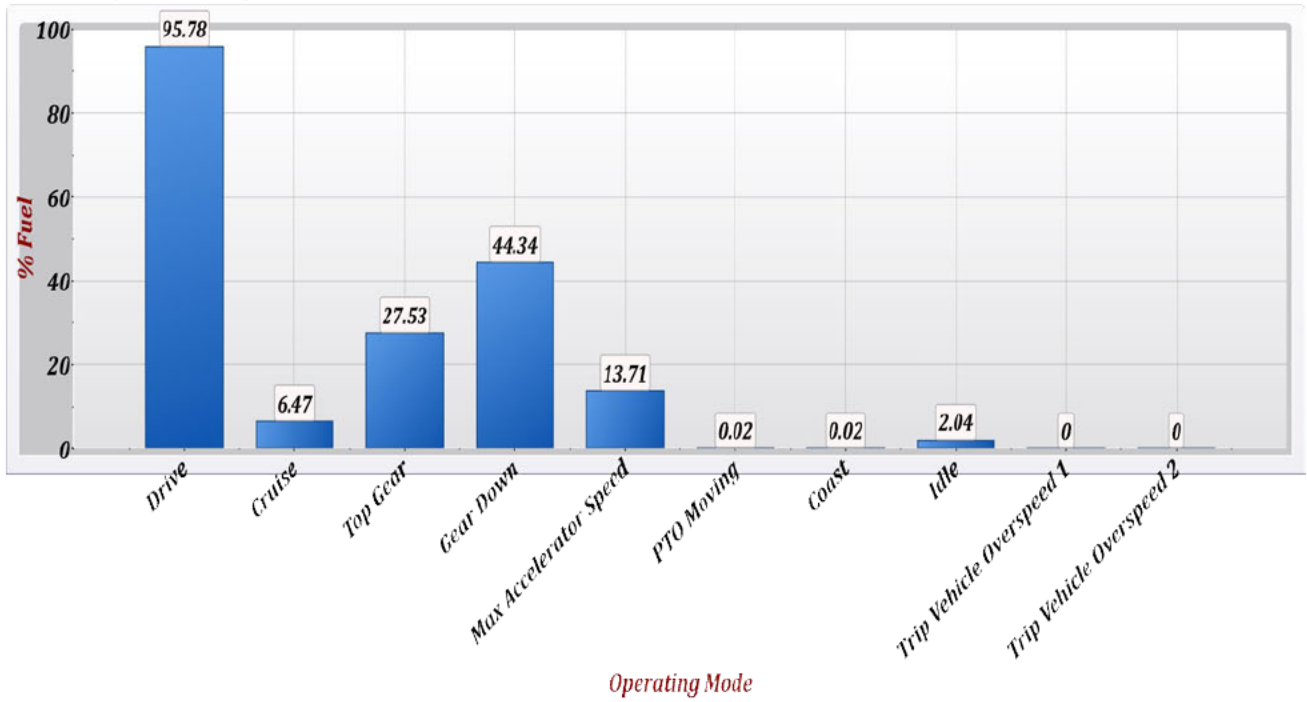
% Distance by Operating Mode



% Time by Operating Mode



% Fuel by Operating Mode



Trip Summary

Distance	168388.19 mi	Time	4386:42:24
Fuel	16621.23 gal	Idle Time	536:08:01
Fuel Economy	10.13 mpg	% Idle Time	12.2 %
Drive Fuel Economy	10.58 mpg	Average Vehicle Speed	38 mph
Fuel Consumption	10.13 gal	Average Engine Load	50.0 %
Idle Fuel	339.90 gal	Average Engine Load (Drive)	62.0 %
		Average Engine Speed	1512 rpm

Trip Detail	Time (%)	Time (hh:mm:ss)	Distance (miles)	Fuel (gallons)
Trip	100	4386:42:24	168388.19	16621.23
Driving	73.0	3203:40:04	168378.20	15919.28
Cruise	5.0	159:32:07	10671.43	1075.11
Top Gear	23.4	1024:58:50	67034.71	4576.20
Gear Down	27.2	1195:02:53	70722.53	7369.16
Max Accelerator Speed	9.8	428:25:21	29935.92	2279.46
PTO	11.0	484:19:28	9.99	255.09
PTO Moving	0.1	03:15:14	9.99	3.17
Coast	3.7	161:43:03	7278.7	3.5
Idle	12.2	536:08:01	N/A	339.90
Trip Vehicle Overspeed 1	0.0	00:00:51	1.08	0.00
Trip Vehicle Overspeed 2	0.0	00:00:00	0.00	0.00
Fan On Time Manual Switch	0.0	00:00:00	N/A	N/A

Engine Fault Report

Engine Type	B6.7 2017	Ecm Code	HC80492.06
Engine Serial Number	74687297	Software Phase	22.70.20.61
Unit Number	*****	Extraction Date	03-07-2023 08:51:29

Active Fault Codes Description	Fault Code	Count
Aftertreatment Diesel Exhaust Fluid Dosing Unit Relay Feedback - Voltage Below Normal or Shorted to Low Source	5867	1
Vehicle Speed Sensor Circuit - Data erratic, intermittent or incorrect	241	1
Injector Metering Rail #1 Pressure Malfunction - Mechanical system not responding or out of adjustment	755	1
Aftertreatment 1 Diesel Exhaust Fluid Dosing Valve 1 Circuit - Current Below Normal or Open Circuit	3567	1
Engine Intake Throttle Actuator Position Sensor Circuit - Voltage Below Normal or Shorted to Low Source	3541	1
SAE J1939 Multiplexing PGN Timeout Error - Abnormal update rate	285	1
Transmission Output Shaft Speed - Abnormal Update Rate	3328	1
Wheel-Based Vehicle Speed - Abnormal Update Rate	3526	1
Fuel Level 1 - Abnormal Update Rate	6339	1

Inactive Fault Codes Description	Fault Code	Count
Aftertreatment 1 Diesel Exhaust Fluid Tank Level - Data Valid But Below Normal Operating Range - Least Severe Level	3497	2
Engine Injector Metering Rail 1 Cranking Pressure - Data Valid But Below Normal Operating Range - Moderately Severe Level	4691	1
Aftertreatment 1 Diesel Exhaust Fluid Line Heater 2 Circuit - Voltage Above Normal or Shorted to High Source	3239	1
Ambient Air Temperature Sensor Circuit - Voltage above normal, or shorted to high source	249	1
Coolant Level Low - Data Valid But Below Normal Operating Range - Moderately Severe Level	197	1

Engine Feature Settings Report

Engine Type	B6.7 2017	Ecm Code	HC80492.06
Engine Serial Number	74687297	Software Phase	22.70.20.61
Unit Number	*****	Extraction Date	03-07-2023 08:58:05

Fuel Economy

Road Speed Governor

Maximum Accelerator Vehicle Speed	70	mph
Road Speed Governor Lower Droop	0.00	mph
Road Speed Governor Upper Droop	0.00	mph
Global Maximum Vehicle Speed	90	mph

Geardown Protection

Gear Down Protection	Disable	
Gear Down Protection Heavy Load Vehicle Speed	71	mph
Gear Down Protection Light Load Vehicle Speed	68	mph

Idle Speed Control

Low Idle Speed	750	rpm
Low Idle Speed Adjustment Switch	Disable	
Low Idle Speed Additional Settings	Enable	
Step Size	25	rpm
Save Idle Speed on Power Down	Enable	

Idle Shutdown

Idle Shutdown Enable	Enable	
Idle Shutdown Timer	00:05:00	hh:mm:ss
Idle Shutdown Ambient Air Temperature Override	Disable	
Idle Shutdown Hot Ambient Air Temperature	81	°F
Idle Shutdown Intermediate Ambient Air Temperature	39	°F
Idle Shutdown Cold Ambient Air Temperature	30	°F
Idle Shutdown Manual Override Inhibit Zone	Disable	
Idle Shutdown Hot Ambient Temperature Automatic Override	Disable	
Idle Shutdown Manual Override	Disable	
Idle Shutdown in PTO	Disable	
Idle Shutdown Percent Engine Loading	100	%
Idle Shutdown with Parking Brake Set	Disable	
Idle Shutdown Coolant Temperature Threshold	30	°F
Warning Period	Disable	
Idle Shutdown Warning Period Adjustment	30.0	sec

Fan Control

Air Conditioning Pressure Switch Input	Enable	
Minimum Fan On Time for Air Conditioning Pressure Switch	30	sec

Fan Control

Fan on with Engine Braking	Disable	
Fan Control Vehicle Speed Interaction	Enable	
Fan Control Logic	0 Volt On	
Fan Minimum Run Time	Enable	
Minimum Run Time	30.0	sec

Driver Satisfaction

Cruise Control

Cruise Control Feature	Enable	
Maximum Cruise Control Speed	70	mph
Cruise Control Lower Droop	0.0	mph
Cruise Control Upper Droop	0.0	mph
Cruise Control Save Set Speed	Disable	
Cruise Control Auto-Resume	Disable	

Engine Brake

Engine Brake Control	Enable	
Engine Brake Minimum Vehicle Speed	10	mph
Cruise Control and Engine Brake Interaction	Enable	
Start Minimum Engine Braking	3.0	mph
Start Maximum Engine Braking	6.2	mph
Engine Brake Service Brake Activation	Disable	
Engine Brake Delay Time	0.5	sec

Accelerator Control

Governor Type	Automotive	
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Adaptive Cruise Control

Adaptive Cruise Control	Disable	
Adaptive Cruise Recovery	Conventional	
Auto Resume Lower Speed Limit	13	mph
Auto Resume Type	Auto Resume Enabled	
Adaptive Cruise Usage Demand	Disable	

Reserve Speed

Reserve Speed	Disable	
Speed Increase	3	mph
Override Distance	47	mi

Asset Utilization

PTO/Remote PTO

PTO Feature	Enable	
PTO Maximum Engine Load	800	ft*lb
PTO Service Brake Override	Disable	
PTO Maximum Vehicle Speed	5	mph
PTO Maximum Speed	1300	rpm
PTO Minimum Speed	750	rpm

PTO/Remote PTO

PTO Accelerator Override	Disable	
PTO Accelerator Override Max Eng Speed	3000	rpm
PTO Set Switch Engine Speed	825	rpm
PTO Resume Engine Speed	825	rpm
PTO Additional Switch Engine Speed	950	rpm
PTO Engine Speed Ramp Rate	100	rpm/s
PTO Clutch Override	Disable	
Ignore Vehicle Speed Source In PTO	Disable	
PTO Remote Enable	Disable	
Remote PTO Number of Speed Settings	One	
Remote PTO Speed Setting 1	950	rpm
PTO Transmission Neutral Interlock	Disable	
Cab PTO	Enable	
Alternate PTO Operation	Disable	
Transmission Driven PTO	Disable	
Transmission Driven PTO Type	Transmission Driven - Irregular Load	
Vehicle Speed Sensor Operation	Disable	
Remote Station PTO Enable	Disable	
Set Switch Speed	950	rpm
Additional Switch Speed	950	rpm
Resume Switch Speed	950	rpm
PTO Parking Brake Interlock Type	None	
Remote PTO Service Brake and Clutch Override	Disable	
PTO Pump Mode	Disable	
PTO Pump Mode Maximum Vehicle Speed	0	mph
PTO Pump Mode Vehicle Speed Sensor Override	Enable	
PTO Zero Vehicle Speed Source Limit	Disable	

Maintenance Monitor

Maintenance Monitor	Disable	
Maintenance Monitor Operating Mode	Automatic	
Maintenance Monitor Interval Factor	1.00	
Maintenance Monitor Fuel Interval	2000	gal
Maintenance Monitor Distance Interval	15000	mi
Maintenance Monitor Time Interval	500	hrs
Maintenance Monitor Alert Percentage	90	%

Remote Accelerator

Remote Accelerator Pedal or Lever	Disable	
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Asset Management

Trip Information

Trip Information Vehicle Overspeed 1	74	mph
Trip Information Vehicle Overspeed 2	77	mph

Trip Information		
Sudden Deceleration Rate	9.0	mph/s
Asset Protection		
Engine Protection Shutdown		
Engine Protection Shutdown	Enable	
Limited Restart	Enable	
Engine Protection Shutdown Override	Disable	
Anti-Tampering Measure		
Maximum Engine Speed Without Vehicle Speed Source (VSS)	2200	rpm
Password Security		
Current Engine Master Password		
Engine Reset Password		
After-Treatment		
High Soot Load Idle Shutdown	Enable	
Automotive Mobile Regeneration	Enable	
Minimum Vehicle Speed	0	mph
Diesel Particulate Filter Regeneration Permit Switch	Disable	
Diesel Particulate Filter Regeneration Start Switch	Enable	
High Exhaust System Temperature Lamp	Enable	
Active Temperature	977	°F
Inactive Temperature	932	°F
Active Due to Regeneration	Enable	
Active Maximum Speed	5	mph
Aftertreatment Diesel Particulate Filter Stationary Regeneration with Parking Brake	Disable	
Aftertreatment Diesel Particulate Filter Temperature Stabilization	Enable	
Aftertreatment Diesel Exhaust Fluid Low Level	10.0	%
Aftertreatment Diesel Exhaust Fluid Warning Level	2.5	%
Vehicle Setup		
Driveline Configuration		
Rear Axle Ratio	5.22	
Tire Size	495	rev/mi
Transmission Top Gear Ratio	0.61	ratio
Transmission One Gear Down Ratio	0.71	ratio
Vehicle Accelerator Management		
Vehicle Acceleration Management Enable	Disable	
VAM Acceleration Rate 1	3.61	mph/s
VAM Acceleration Rate 2	3.61	mph/s
VAM Vehicle Speed 1	20	mph
VAM Vehicle Speed 2	50	mph
Switch Maximum Engine Speed		
Switched Maximum Engine Speed	Disable	

Switch Maximum Engine Speed

Switched Maximum Operating Speed	2800.00	rpm
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Cruise Control Switch

Set/Resume Switch Usage	Set/Coast (Resume/ Accelerate)
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Starter Lockout

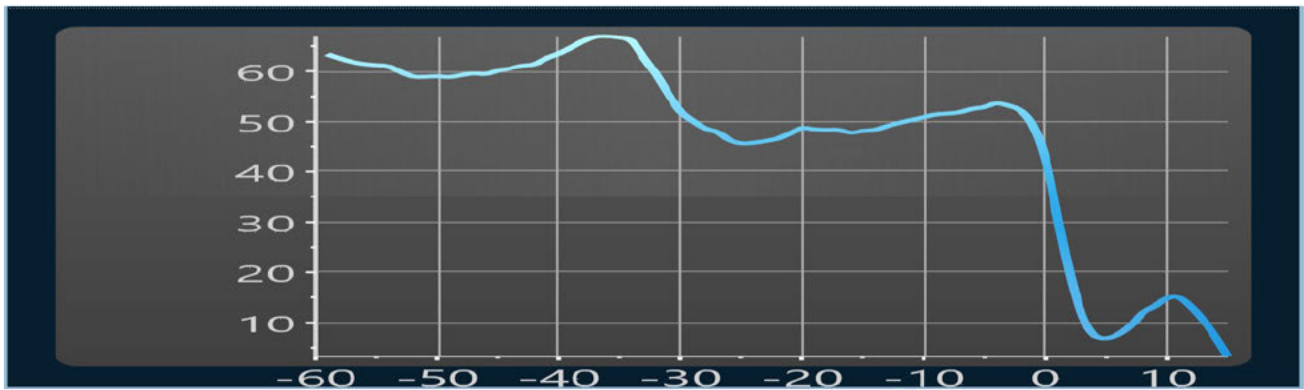
Starter Lockout	Disable
Starter Lockout Relay Type	Normally Closed

Sudden Vehicle Speed Deceleration Report Record 1

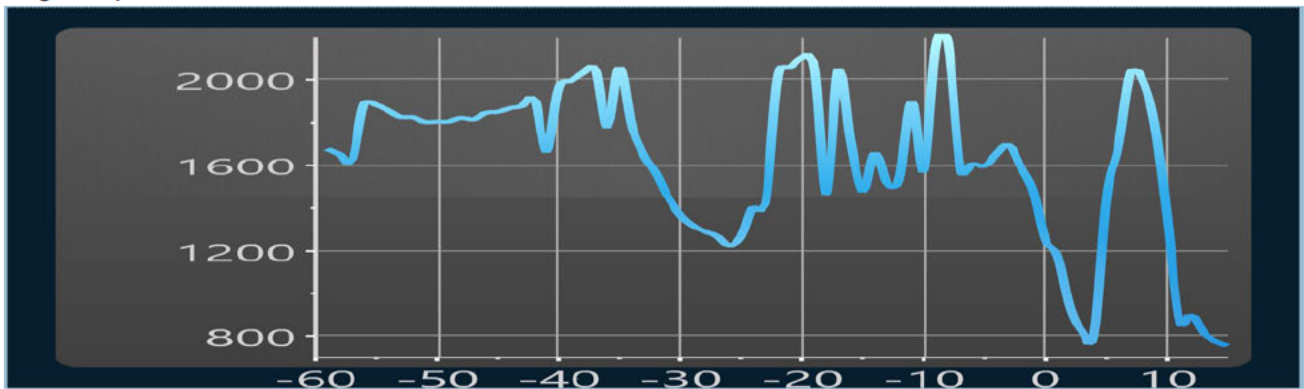
Engine Type	B6.7 2017	Ecm Code	HC80492.06
Engine Serial Number	74687297	Software Phase	22.70.20.61
Unit Number	*****	Extraction Date	03-07-2023 08:46:33
Sudden Decel Threshold Rate:	9.01 mph/s	ECM Run time	4737:32:48

Occurrence Date: N/A	ECM Run Time at Occurrence: 4583:20:44
Air Temperature (°F) at Occurrence: 35	Occurrence Distance (mi): 163152.6

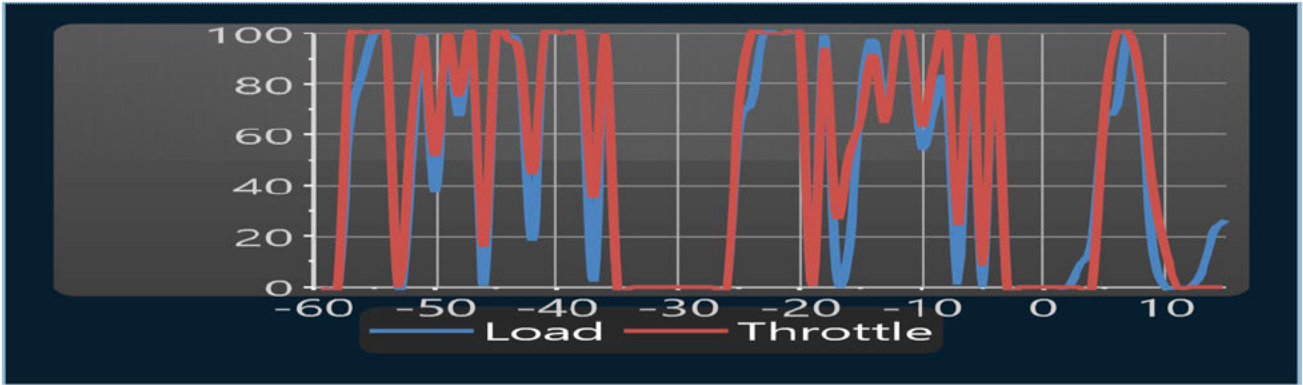
Vehicle Speed



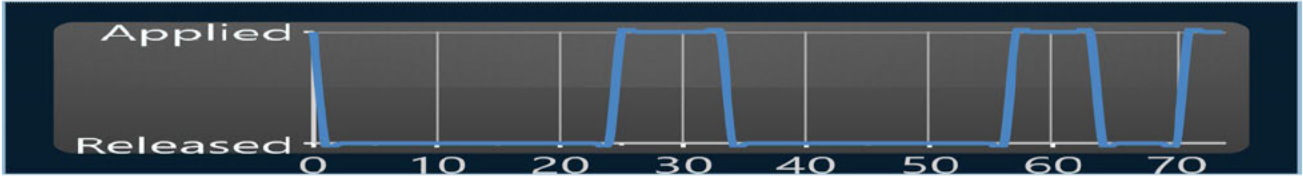
Engine Speed



Percent



Brake



Clutch



Record 1

Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-59	63	1678	0.0	0.0	On	-	-	-
-58	63	1653	0.0	0.0	-	-	-	-
-57	62	1616	62.9	95.9	-	-	-	-
-56	62	1884	83.6	100.0	-	-	-	-
-55	61	1882	100.0	100.0	-	-	-	-
-54	61	1857	100.0	99.8	-	-	-	-
-53	60	1826	0.0	0.0	-	-	-	-
-52	59	1826	43.0	61.0	-	-	-	-
-51	59	1804	100.0	99.0	-	-	-	-
-50	59	1806	37.5	51.8	-	-	-	-
-49	59	1805	100.0	100.0	-	-	-	-
-48	59	1823	67.2	75.1	-	-	-	-
-47	60	1814	100.0	100.0	-	-	-	-
-46	59	1846	0.0	15.3	-	-	-	-
-45	60	1850	100.0	100.0	-	-	-	-
-44	61	1868	98.0	97.1	-	-	-	-
-43	61	1876	90.6	91.1	-	-	-	-
-42	61	1915	18.0	44.3	-	-	-	-
-41	63	1662	100.0	100.0	-	-	-	-
-40	64	1961	100.0	100.0	-	-	-	-
-39	65	1995	100.0	100.0	-	-	-	-
-38	66	2030	100.0	100.0	-	-	-	-
-37	67	2051	1.6	34.5	-	-	-	-
-36	67	1774	97.7	99.8	-	-	-	-
-35	67	2061	0.0	0.0	-	-	-	-
-34	66	1788	0.0	0.0	On	-	-	-
-33	63	1649	0.0	0.0	On	-	-	-
-32	59	1563	0.0	0.0	On	-	-	-
-31	56	1452	0.0	0.0	On	-	-	-
-30	52	1368	0.0	0.0	On	-	-	-
-29	50	1320	0.0	0.0	On	-	-	-
-28	49	1291	0.0	0.0	On	-	-	-
-27	48	1269	0.0	0.0	On	-	-	-
-26	46	1223	0.0	0.0	On	-	-	-
-25	46	1267	62.9	72.2	-	-	-	-
-24	46	1410	73.0	100.0	-	-	-	-
-23	46	1421	99.6	100.0	-	-	-	-
-22	47	2008	100.0	100.0	-	-	-	-
-21	48	2057	99.6	100.0	-	-	-	-
-20	49	2105	100.0	99.8	-	-	-	-
-19	48	2061	0.0	0.0	-	-	-	-
-18	48	1460	100.0	94.7	-	-	-	-
-17	48	2053	6.6	28.1	-	-	-	-
-16	48	1705	14.8	52.0	-	-	-	-
-15	48	1474	73.4	66.2	-	-	-	-

Record 1

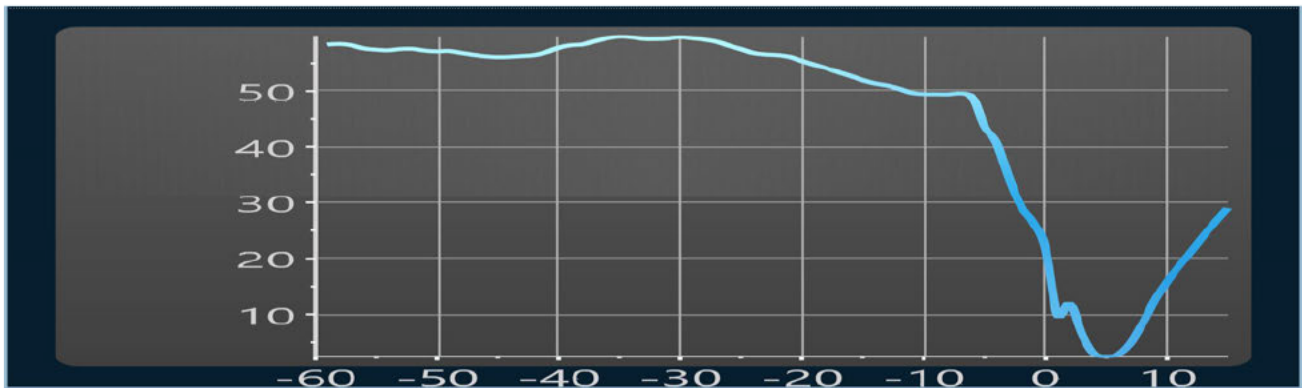
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-14	48	1661	98.0	91.8	-	-	-	-
-13	49	1514	70.7	64.4	-	-	-	-
-12	50	1536	100.0	100.0	-	-	-	-
-11	50	1900	100.0	99.9	-	-	-	-
-10	51	1567	54.7	63.6	-	-	-	-
-9	51	2155	70.7	87.1	-	-	-	-
-8	52	2170	79.3	100.0	-	-	-	-
-7	52	1588	0.0	23.9	-	-	-	-
-6	53	1610	100.0	100.0	-	-	-	-
-5	53	1595	0.0	8.2	-	-	-	-
-4	54	1655	100.0	100.0	-	-	-	-
-3	53	1698	0.0	0.0	-	-	-	-
-2	52	1590	0.0	0.0	On	-	-	-
-1	49	1479	0.0	0.0	On	-	-	-
0	42	1250	0.0	0.0	On	-	-	-
1	31	1178	0.0	0.0	On	-	-	-
2	20	940	0.0	0.0	On	-	-	-
3	11	824	8.6	0.0	On	-	-	-
4	7	809	18.0	0.0	On	-	-	-
5	7	1444	66.0	70.5	-	-	-	-
6	8	1690	69.1	100.0	-	-	-	-
7	9	2033	100.0	100.0	-	-	-	-
8	12	1996	73.4	81.5	-	-	-	-
9	13	1789	15.6	39.3	-	-	-	-
10	15	1361	0.0	14.6	-	-	-	-
11	15	872	0.0	0.0	-	-	-	-
12	13	907	0.0	0.0	On	-	-	-
13	10	815	5.9	0.0	On	-	-	-
14	7	777	21.5	0.0	On	-	-	-
15	3	756	26.6	0.0	On	-	-	-

Sudden Vehicle Speed Deceleration Report Record 2

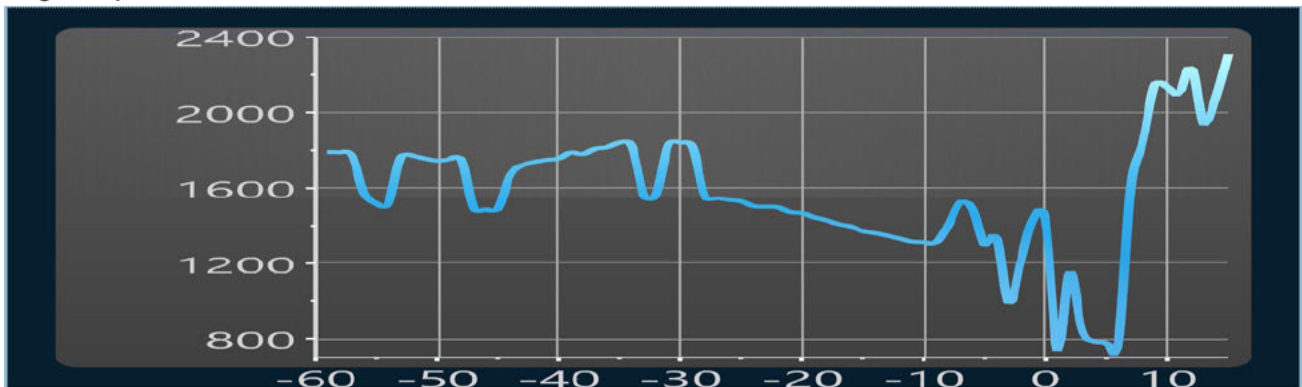
Engine Type	B6.7 2017	Ecm Code	HC80492.06
Engine Serial Number	74687297	Software Phase	22.70.20.61
Unit Number	*****	Extraction Date	03-07-2023 08:46:33
Sudden Decel Threshold Rate:	9.01 mph/s	ECM Run time	4737:32:48

Occurrence Date: N/A	ECM Run Time at Occurrence: 4734:57:24
Air Temperature (°F) at Occurrence: 29	Occurrence Distance (mi): 168277.1

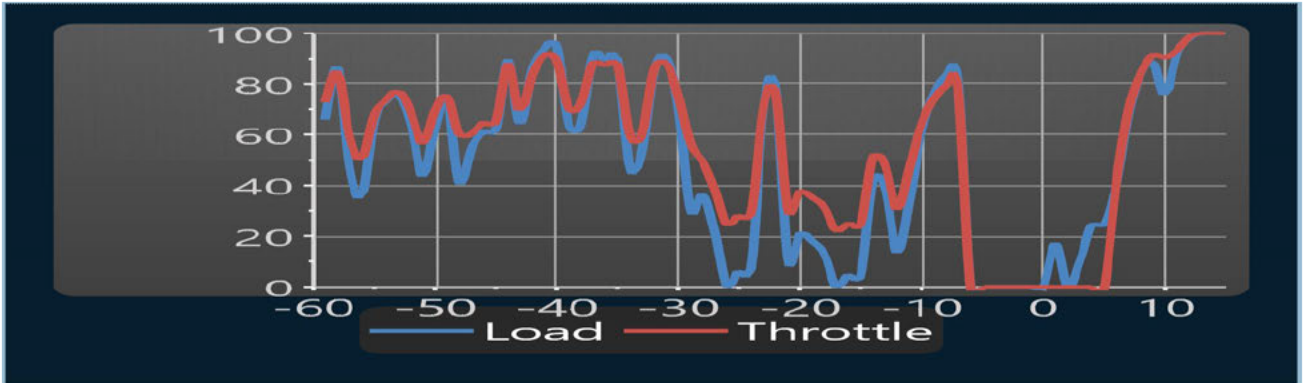
Vehicle Speed



Engine Speed



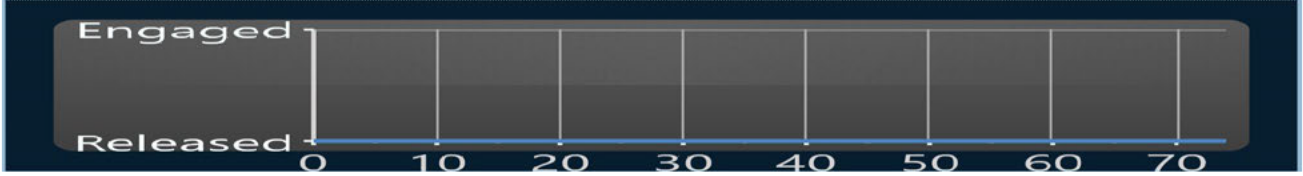
Percent



Brake



Clutch



Record 2

Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-59	58	1792	66.0	72.7	-	-	-	-
-58	58	1790	86.3	84.7	-	-	-	-
-57	58	1777	46.5	58.9	-	-	-	-
-56	58	1577	35.5	50.4	-	-	-	-
-55	57	1517	65.6	67.8	-	-	-	-
-54	57	1516	73.0	73.6	-	-	-	-
-53	57	1760	75.8	77.3	-	-	-	-
-52	58	1771	64.8	69.2	-	-	-	-
-51	57	1758	43.4	56.4	-	-	-	-
-50	57	1747	62.9	69.5	-	-	-	-
-49	57	1752	75.0	75.5	-	-	-	-
-48	57	1753	41.0	60.3	-	-	-	-
-47	56	1493	54.7	60.3	-	-	-	-
-46	56	1489	61.3	65.0	-	-	-	-
-45	56	1489	62.1	65.2	-	-	-	-
-44	56	1666	89.8	88.2	-	-	-	-
-43	56	1720	64.5	68.9	-	-	-	-
-42	56	1740	85.9	83.7	-	-	-	-
-41	57	1750	93.8	91.4	-	-	-	-
-40	58	1757	94.9	89.4	-	-	-	-
-39	58	1791	64.1	70.0	-	-	-	-
-38	58	1780	64.1	72.2	-	-	-	-
-37	59	1809	91.4	88.4	-	-	-	-
-36	59	1816	89.1	86.8	-	-	-	-
-35	60	1839	89.8	87.9	-	-	-	-
-34	60	1823	46.9	60.0	-	-	-	-
-33	59	1567	52.7	59.6	-	-	-	-
-32	59	1568	84.8	85.4	-	-	-	-
-31	59	1827	91.0	88.3	-	-	-	-
-30	60	1838	71.5	75.3	-	-	-	-
-29	59	1816	30.1	56.6	-	-	-	-
-28	59	1558	36.7	49.4	-	-	-	-
-27	59	1548	21.5	38.3	-	-	-	-
-26	58	1536	0.0	24.3	-	-	-	-
-25	57	1530	6.6	28.5	-	-	-	-
-24	57	1503	8.2	29.6	-	-	-	-
-23	57	1500	70.7	71.2	-	-	-	-
-22	56	1498	78.1	76.3	-	-	-	-
-21	56	1472	10.2	29.9	-	-	-	-
-20	55	1468	21.1	37.8	-	-	-	-
-19	55	1445	18.0	35.1	-	-	-	-
-18	54	1430	12.9	31.3	-	-	-	-
-17	53	1410	0.0	22.0	-	-	-	-
-16	53	1397	5.1	25.2	-	-	-	-
-15	52	1370	4.3	24.7	-	-	-	-

Record 2

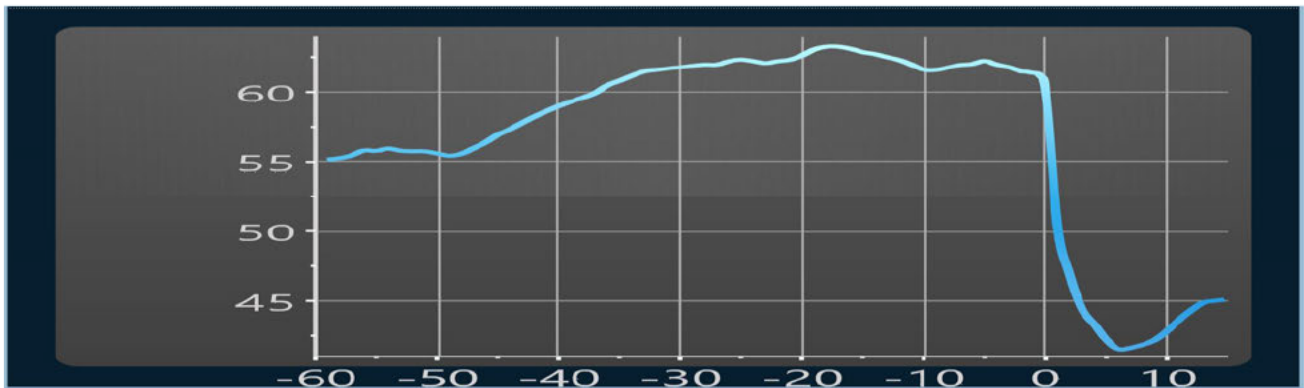
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-14	51	1360	42.2	51.1	-	-	-	-
-13	51	1346	38.7	47.8	-	-	-	-
-12	50	1332	13.3	30.4	-	-	-	-
-11	50	1315	34.4	47.2	-	-	-	-
-10	49	1312	61.7	64.5	-	-	-	-
-9	49	1309	75.8	74.0	-	-	-	-
-8	49	1403	83.2	79.3	-	-	-	-
-7	50	1524	81.3	78.2	-	-	-	-
-6	49	1489	0.0	0.0	On	-	-	-
-5	44	1293	0.0	0.0	On	-	-	-
-4	41	1340	0.0	0.0	On	-	-	-
-3	34	983	0.0	0.0	On	-	-	-
-2	29	1218	0.0	0.0	On	-	-	-
-1	26	1435	0.0	0.0	On	-	-	-
0	22	1426	0.0	0.0	On	-	-	-
1	10	737	17.2	0.0	On	-	-	-
2	12	1156	0.0	0.0	On	-	-	-
3	6	845	10.2	0.0	On	-	-	-
4	3	785	24.6	0.0	On	-	-	-
5	2	783	24.6	0.0	On	-	-	-
6	3	773	40.6	40.9	-	-	-	-
7	5	1598	68.4	70.0	-	-	-	-
8	8	1845	84.0	84.0	-	-	-	-
9	12	2148	88.7	91.5	-	-	-	-
10	16	2135	75.4	90.5	-	-	-	-
11	19	2096	92.2	93.3	-	-	-	-
12	21	2245	98.0	98.5	-	-	-	-
13	24	1936	100.0	100.0	-	-	-	-
14	27	2078	100.0	100.0	-	-	-	-
15	29	2303	100.0	100.0	-	-	-	-

Sudden Vehicle Speed Deceleration Report Record 3

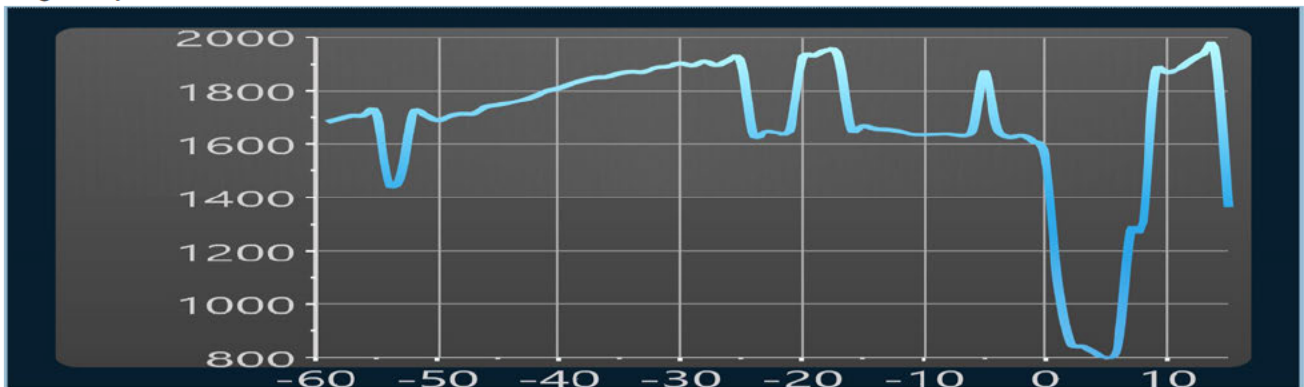
Engine Type	B6.7 2017	Ecm Code	HC80492.06
Engine Serial Number	74687297	Software Phase	22.70.20.61
Unit Number	*****	Extraction Date	03-07-2023 08:46:33
Sudden Decel Threshold Rate:	9.01 mph/s	ECM Run time	4737:32:48

Occurrence Date: N/A	ECM Run Time at Occurrence: 4736:3:5
Air Temperature (°F) at Occurrence: 31	Occurrence Distance (mi): 168328.5

Vehicle Speed



Engine Speed



Percent



Brake



Clutch



Record 3

Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-59	55	1683	79.3	78.6	-	-	-	-
-58	55	1695	58.2	65.1	-	-	-	-
-57	55	1706	76.6	77.1	-	-	-	-
-56	56	1705	62.1	67.6	-	-	-	-
-55	56	1717	45.7	61.7	-	-	-	-
-54	56	1460	57.4	60.1	-	-	-	-
-53	56	1476	81.3	78.4	-	-	-	-
-52	56	1713	67.2	71.5	-	-	-	-
-51	56	1710	62.1	67.9	-	-	-	-
-50	56	1688	48.8	58.7	-	-	-	-
-49	55	1704	69.1	72.7	-	-	-	-
-48	56	1713	100.0	99.9	-	-	-	-
-47	56	1713	100.0	100.0	-	-	-	-
-46	56	1737	100.0	100.0	-	-	-	-
-45	57	1745	100.0	97.2	-	-	-	-
-44	57	1754	100.0	98.7	-	-	-	-
-43	58	1764	100.0	100.0	-	-	-	-
-42	58	1780	100.0	100.0	-	-	-	-
-41	59	1799	100.0	100.0	-	-	-	-
-40	59	1809	93.0	89.1	-	-	-	-
-39	59	1825	97.3	92.5	-	-	-	-
-38	60	1838	99.2	94.2	-	-	-	-
-37	60	1848	100.0	95.8	-	-	-	-
-36	60	1850	100.0	93.8	-	-	-	-
-35	61	1863	100.0	97.3	-	-	-	-
-34	61	1870	98.8	94.4	-	-	-	-
-33	61	1868	88.3	86.7	-	-	-	-
-32	62	1888	73.0	78.4	-	-	-	-
-31	62	1892	82.4	83.5	-	-	-	-
-30	62	1904	62.1	71.6	-	-	-	-
-29	62	1895	71.5	76.9	-	-	-	-
-28	62	1912	62.9	71.3	-	-	-	-
-27	62	1896	59.8	71.7	-	-	-	-
-26	62	1916	84.8	84.6	-	-	-	-
-25	62	1908	46.9	61.6	-	-	-	-
-24	62	1634	43.8	55.0	-	-	-	-
-23	62	1649	51.6	63.3	-	-	-	-
-22	62	1644	65.6	69.1	-	-	-	-
-21	62	1656	93.0	88.2	-	-	-	-
-20	63	1915	75.0	77.5	-	-	-	-
-19	63	1930	94.5	92.1	-	-	-	-
-18	63	1951	56.6	68.4	-	-	-	-
-17	63	1927	39.8	59.6	-	-	-	-
-16	63	1661	47.7	58.3	-	-	-	-
-15	63	1671	47.3	57.3	-	-	-	-

Record 3

Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-14	63	1658	41.4	53.5	-	-	-	-
-13	62	1656	39.1	52.4	-	-	-	-
-12	62	1649	36.7	50.7	-	-	-	-
-11	62	1636	30.9	46.7	-	-	-	-
-10	62	1634	33.6	48.3	-	-	-	-
-9	62	1636	66.8	69.0	-	-	-	-
-8	62	1638	78.1	77.2	-	-	-	-
-7	62	1632	58.6	64.4	-	-	-	-
-6	62	1653	89.1	84.9	-	-	-	-
-5	62	1872	50.8	64.0	-	-	-	-
-4	62	1665	46.1	56.7	-	-	-	-
-3	62	1624	43.0	54.1	-	-	-	-
-2	61	1632	45.3	55.7	-	-	-	-
-1	61	1609	38.3	50.8	-	-	-	-
0	60	1542	0.0	0.0	-	-	-	-
1	50	1095	0.0	0.0	On	-	-	-
2	47	861	0.0	0.0	On	-	-	-
3	44	845	0.0	0.0	On	-	-	-
4	43	823	0.0	0.0	On	-	-	-
5	42	800	0.0	0.0	On	-	-	-
6	42	855	8.6	21.0	-	-	-	-
7	42	1274	63.7	65.6	-	-	-	-
8	42	1291	73.0	83.4	-	-	-	-
9	42	1851	72.3	81.5	-	-	-	-
10	43	1863	84.4	84.7	-	-	-	-
11	44	1883	75.0	79.1	-	-	-	-
12	44	1915	78.5	82.1	-	-	-	-
13	45	1939	59.0	69.4	-	-	-	-
14	45	1939	25.0	59.9	-	-	-	-
15	45	1382	66.0	67.2	-	-	-	-

*Cummins does not intend for the Electronic Control Module ("ECM") and/or the Electronic Control Unit ("ECU") to be used for purposes of accident reconstruction nor did Cummins design the ECM/ECU for purposes of accident reconstruction. The ECM / ECU does not retrieve sudden deceleration event information with requisite specificity for accident reconstruction. As such, the PowerSpec software is not intended to retrieve data from the ECM/ECU for purposes of accident reconstruction. Furthermore, only authorized personnel should use the PowerSpec software to retrieve data from the ECM/ECU. Cummins does not guarantee the accuracy of ECM/ECU data retrieved and interpreted by unauthorized third parties. Nor will Cummins interpret ECM/ECU data that is retrieved by third parties.

Engine Trip Detail Report (One Page)

Engine Type	B6.7 2017	Ecm Code	HC80492.06
Engine Serial Number	74687297	Software Phase	22.70.20.61
Unit Number	*****	Extraction Date	03-07-2023 08:52:22
Total Engine Distance	168386.68 mi	Total Engine Hours	4386:25:12 hh:mm:ss
Total Fuel Used	16649.74 gal	Total Idle Fuel Used	339.90 gal

Trip Summary

Distance	168388.19 mi	Average Engine Speed	1512 rpm
Fuel	16621.23 gal	Average Vehicle Speed	38 mph
Fuel Economy	10.13 mpg	Average Engine Load	50.0 %
Drive Fuel Economy	10.58 mpg	Maximum Vehicle Speed	76 mph
Time	4386:42:24	Maximum Engine Speed	3110 rpm

Trip Detail	Time (%)	Time(hh:mm:ss)	Distance (miles)	Fuel (gallons)
Trip	100	4386:42:24	168388.19	16621.23
Driving	73.0	3203:40:04	168378.20	15919.28
Cruise	5.0	159:32:07	10671.43	1075.11
Top Gear	23.4	1024:58:50	67034.71	4576.20
Gear Down	27.2	1195:02:53	70722.53	7369.16
Max Accelerator Speed	9.8	428:25:21	29935.92	2279.46
PTO	11.0	484:19:28	9.99	255.09
PTO Moving	0.1	03:15:14	9.99	3.17
Coast	3.7	161:43:03	7278.7	3.5
Idle	12.2	536:08:01	N/A	339.90
Trip Vehicle Overspeed 1	0.0	00:00:51	1.08	0.00
Trip Vehicle Overspeed 2	0.0	00:00:00	0.00	0.00
Fan On Time Manual Switch	0.0	00:00:00	N/A	N/A

Counts

Counts	Aftertreatment		
Service Brake Actuations / 1K	1134	Trip Fuel Used For Dosing	63.88 gal
Total Number of Sudden Decel	114	Diesel Exhaust Fluid Used	651.75 gal
Number of Coasts Out of Gear	0	Total Complete Regenerations	172
Service Brake Applications	190911	Total Peak Soot Fill Monitor Status	Normal
Idle Shutdown	1777	Total Peak Soot Filter Delta Pressure	0.60 psi

Engine Trip Detail Report

Engine Type	B6.7 2017	Ecm Code	HC80492.06
Engine Serial Number	74687297	Software Phase	22.70.20.61
Unit Number	*****	Extraction Date	03-07-2023 08:52:22

Trip Summary

Distance	168388.19 mi	Time	4386:42:24
Fuel	16621.23 gal	Idle Time	536:08:01
Fuel Economy	10.13 mpg	% Idle Time	12.2 %
Drive Fuel Economy	10.58 mpg	Average Vehicle Speed	38 mph
Fuel Consumption	10.13 gal	Average Engine Load	50.0 %
Idle Fuel	339.90 gal	Average Engine Load (Drive)	62.0 %
		Average Engine Speed	1512 rpm

Trip Detail	Time (%)	Time (hh:mm:ss)	Distance (miles)	Fuel (gallons)
Trip	100	4386:42:24	168388.19	16621.23
Driving	73.0	3203:40:04	168378.20	15919.28
Cruise	5.0	159:32:07	10671.43	1075.11
Top Gear	23.4	1024:58:50	67034.71	4576.20
Gear Down	27.2	1195:02:53	70722.53	7369.16
Max Accelerator Speed	9.8	428:25:21	29935.92	2279.46
PTO	11.0	484:19:28	9.99	255.09
PTO Moving	0.1	03:15:14	9.99	3.17
Coast	3.7	161:43:03	7278.7	3.5
Idle	12.2	536:08:01	N/A	339.90
Trip Vehicle Overspeed 1	0.0	00:00:51	1.08	0.00
Trip Vehicle Overspeed 2	0.0	00:00:00	0.00	0.00
Fan On Time Manual Switch	0.0	00:00:00	N/A	N/A

Driver Reward	Time (%)	Time(hh:mm:ss)	Distance	Fuel
Reward (Best)	0.0	00:00:00	0.00	0.00
Reward (Good)	0.0	00:00:00	0.00	0.00
Reward (Expected)	0.0	00:00:00	0.00	0.00

Driver Reward	Time (%)	Time(hh:mm:ss)	Distance	Fuel
Reward (Penalty)	0.0	00:00:00	0.00	0.00

Counts

Service Brake Applications	190911
Sudden Deceleration Counts	114
Number of Coasts Out of Gear	0

Aftertreatment

Trip Desired Regenerations	230
Trip Complete Regenerations	172
Trip Incomplete Regenerations	0
Trip Fuel Used For Dosing	62.67 gal
Trip Diesel Exhaust Fluid Used	651.75 gal
Total Peak Soot Fill Monitor Status	Normal
Trip Peak Soot Filter Delta Pressure	0.60 psi

Maximums

Maximum Engine Speed	3110 rpm
Maximum Vehicle Speed	76 mph
Maximum Engine Speed at Vehicle Speed	1991 rpm
Maximum Vehicle Speed at Engine Speed	118 mph

Totals

Total Engine Distance	168386.68 mi
Engine Distance Offset	0.00 mi
Total Engine Hours	4386:25:12 hh:mm:ss
Total ECM Distance	168428.85 mi
Total Fuel Used	16649.74 gal
Total Idle Fuel Used	339.90 gal
Total Idle Time	536:07:48 hh:mm:ss

Totals

Total PTO Fuel Used	255.09 gal
Total PTO Time	484:19:12 hh:mm:ss
Total Complete Regenerations	172
Total Desired Regenerations	230
Total Fuel Used For Dosing	63.88 gal
Total Incomplete Regenerations	0
Total Peak Soot Fill Monitor Status	Normal
Total Peak Soot Filter Delta Pressure	0.60 psi



Department Field Service Department
From Nicholas Todd Charles
Phone +1 (248) [REDACTED]
Email [REDACTED]@zf.com
Date March 17, 2023

To whom it may concern,

The following data information has been extracted from a ZF-WABCO OnGuard Radar unit that was removed from a Freightliner VIN FH005 The unit was sent to ZF-WABCO / Auburn, MI from [REDACTED] NTSB-DC / Washington, DC





WABCO OnGuard Gen 2

System Display Options Help

OnGuard™



Radar Production Information

Part Number: 4008715740

Serial Number: 220831000477

Software Version Name: OnGuardPLUS 1.137.1.7

APAR Version Number: OGP APAR 1.102.2.10.1.9.1.2

Date of Production: 09/22/2022

State of Components

Driveline Retarder: *Not Installed*

Engine Retarder: *Not Installed*

Exhaust Retarder: *Installed*

Transmission Type: *Automated Manual*

Close



Diagnostic Trouble Codes

Number of Active DTCs: 1 Number of Stored DTCs: 2

Double click on fault to bring up detailed help screen

DTC	Status	SPN	FMI	Error
77E0	Active	516215	09	No J1939 messages are being received on this CAN port
7FE5	Stored	517503	14	Blockage Detection detected system damping
E615	Stored	5606	19	CAN Out of Range for signal CCVS3_ACC_READINESS_STATUS

DTC Name: _____ VIN: _____

Extended DTC Information

First Occurrence Data		Last Occurrence Data		Counters
Speed:	_____	Speed:	_____	Occurrences: _____
Odometer:	_____	Odometer:	_____	
Internal Temperature:	_____	Internal Temperature:	_____	Ignition cycles since last active: _____

Measurement Units: English Metric

WABCO OnGuard Radar Diagnostics Trouble Code Report
 Report Date: 3/6/2023 1:40:48 PM

Part Number: 4008715740
 Serial Number: 220831000477
 Software Version Name: OnGuardPLUS 1.137.1.7
 APAR Version Number: OGP APAR 1.102.2.10.1.9.1.2
 Production Date: 09/22/2022

Number Active Faults: 1
 Number Stored Faults: 2

STATUS	SPN	FMI	First Speed	First Odometer	First Temp°F	Last Speed	Last Odometer	Last Temp°F
Occurrences	Key Cycles	DESCRIPTION						
Active	516215	09	0.0 MPH	0.0 Miles	75.2 F	0.0 MPH	0.0 Miles	75.2 F
1	0	No J1939 messages are being received on this CAN port						
Stored	517503	14	3.7 MPH	168,290.6 Miles	48.2 F	33.7 MPH	168,362.1 Miles	48.2 F
7	0	Blockage Detection detected system damping						
Stored	5606	19	17.9 MPH	167,502.8 Miles	82.4 F	29.9 MPH	168,359.8 Miles	48.2 F
14	2	CAN Out of Range for signal CCVS3_ACC_READINESS_STATUS						



Parameter File Decoded:

Vehicle	
Fleet Name	unknown
Unit ID	unknown
Odometer	unknown
Date & Time	3/6/2023 1:42:19 PM

Radar	
Meritor WABCO Part Number	400 871 574 0
Serial Number	220831000477
Manufacture Date	9/22/2022
Application Software Version	OnGuardPLUS 1.137.1.7
Flash Parameter Set	OGP APAR 1.102.2.10.1.9.1.2

Event Counters	
Forward Collision Warnings	59
Haptic Collision Warnings	10
Collision Mitigation Braking	0
AEB Lifetime Counter	9

Event Records		Haptic Warning	Collision Mitigation
OnGuard Vehicle	Odometer (miles)	164,462.3	162,753.6
	Host Speed (MPH)	32.0	69.2
	Host Acceleration (g)	-0.08	-0.02
	Accelerator Pedal Position (%)	99.60	100.00
	Brake Pedal Position (%)	0.00	0.00
	Cruise Control	OFF	OFF
Collision Object	Distance to Object (ft)	19.7	163.1
	Object Speed (MPH)	20.3	0.6
	Object Acceleration (g)	0.03	0.02
	Radar Lifetime of Object (sec)	18.0	4.6
	Time to Collision (sec)	1.3	1.6



Best Regards,

██████████

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