

Features and Parameters

Engine Serial Number : 80560090
 Customer Unit Number : 0000000000
 Work Order Name : NA

INSITE 9.0.1.81 / Datapack 9.0.10081
 Company Name : Cummins Inc.
 ECM Image Name : NA
 Customer Name : Customer Name**

Features and Parameters	ECM Value	Units	Original Value
X15 CM2450 X124B/X134B			
CM2450A			
System ID and Dataplate			
Aftertreatment Information			
System 1 Information			
Part Number			
Serial Number			
Calibration Information			
Calibration Software Phase	4046172B		
Calibration Time/Date Stamp	102523202844		
DO Option	12050		
ECM Code	KW10994.04		
Other Options			
SC Option	14091		
Customer Information			
Customer Location	*****		
Customer Name	Customer Name**		
Customer Unit Number	0000000000		
ECM Information			
ECM Name	CM2450A		
ECM Part Number	5572391		
ECM Serial Number	91242306		
Engine Information			
Engine Build Date	080223		
Engine Make	CMMNS		
Engine Model	6X1u21D1500C00000		
Engine Serial Number	80560090		
System Information			
Advertised Power at RPM	451	hp	
Advertised Power RPM	1700	rpm	
Control Parts List	5881		

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Fuel Code	FC0PL32		
Governed Speed	1700	rpm	
Peak Torque at RPM	1650	ft*lb	
Peak Torque RPM	950	rpm	
Vehicle/OEM Information			
OEM Name	Peterbilt		
OEM Vehicle or Equipment Model	579		
Vehicle Identification Number or Equipment Serial Number	1XPBD49X4GD203933		
Vehicle or Equipment Year	*****		
Accelerator Interlock	Disable		
Accelerator Options	Enable		
Accelerator Type	Dual Pulse Width Modulation		
Adjustable Low Idle Speed	Enable		
Low Idle Speed	600	rpm	
Low Idle Speed Additional Settings	Disable		
Low Idle Speed Adjustment Switch	Enable		
Aftertreatment			
Diesel Particulate Filter			
Active Regeneration in PTO and Remote Modes	Disable		
Aftertreatment Diesel Particulate Filter Stationary Regeneration with Parking Brake	Disable		
Aftertreatment Diesel Particulate Filter Temperature Stabilization	Enable		
Automotive Mobile Regeneration	Enable		
Minimum Vehicle Speed	16	mph	
Diesel Particulate Filter Lamp	Not Installed		
Diesel Particulate Filter Regeneration Permit Switch	Disable		
Diesel Particulate Filter Regeneration Start Switch	Disable		
High Exhaust System Temperature Lamp Configuration	Enable		

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Active Due to Regeneration	Disable		
Active Maximum Speed	75	mph	
Active Temperature	1200	°F	
Inactive Temperature	1200	°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		
Air Shut Off Valve	Disable		
Alternator Failure Warning	Disable		
Auxiliary OEM CAN4 Baud Rate			
Baud Rate	J1939 250K		
Battery Power Required Lamp	Disable		
Clutch Pedal Position Switch	Installed		
Cruise Control	Enable		
Cruise Control Type	Traditional		
Cruise Control Lower Droop	3.0	mph	
Cruise Control Upper Droop	3.0	mph	
Maximum Cruise Control Speed	75	mph	
Adaptive Cruise	Disable		
Cruise Control Accelerator Override	Disable		
Cruise Control Auto-Resume	Enable		
Cruise Control On Off Switch	Enable		
Cruise Control Pause Switch	Disable		
Cruise Control Save Set Speed	Enable		
Cruise Control and Engine Brake Interaction	Enable		

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Start Maximum Engine Braking		2.0 mph	
Start Minimum Engine Braking		0.0 mph	
Cruise Control Engine Brake Switch Bypass		Disable	
Cruise Control Switch Setup			
Switch Setup	Set/Accelerate (Resume/Coast)		
Driver Reward		Disable	
Electrical System Voltage			
Electrical System Voltage		12V	
Engine Brake Control		Enable	
Delay Time		0.0 s	
Engine Brake Type		Engine Compression Brake	
Minimum Vehicle Speed		0.0 mph	
Clutch Pedal Activation		Disable	
Engine Brake Lamp		Disable	
Service Brake Activation		Disable	
Engine Oil Pressure Sensor		Enable	
Engine Protection		Enable	
Engine Coolant Level		Enable	
Time Based Shutdown		Disable	
Torque Derate		Disable	
Limited Restart		Disable	
Shutdown		Disable	
Shutdown Manual Override		Disable	
Enhanced Auxiliary Shutdown Switch		Disable	
Ether Injection		Disable	
Fan Control		Enable	
Fan Control Logic		0 Volt On	
Air Conditioning Pressure Switch Input		Enable	
Minimum Fan On Time for Air Conditioning Pressure Switch		30 s	

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Vehicle Speed Interaction	Disable		
Fan Control Switch	Disable		
Fan Minimum Run Time	Enable		
Minimum Run Time	00:00:30	HH:MM:SS	
Fan on with Engine Braking	Enable		
Fan on With Remote Throttle	Disable		
Fan Type	On/Off		
Fuel Level Sensor 2	Disable		
Fuel Usage Adjustment	Enable		
Adjustment Factor	100	Percent	
Gear Down Protection	Disable		
Governor Type			
Governor Type	Automotive		
Engine Speed Acceleration Management	Disable		
Governor Type Switch	Disable		
High Soot Load Shutdown	Disable		
Idle Shutdown	Disable		
J1939 Controls	Enable		
J1939 Service Reset	Enable		
J1939 Stop Broadcast Allowed	Enable		
J1939 Trip Reset	Enable		
Load Based Speed Control	Disable		
Load Based Torque Control	Enable		
Torque Control	Smart Torque 2		
Fuel Economy Adjustment Factor	Maximum Economy		
Maintenance Monitor	Disable		
Maximum Vehicle Speed Control	Disable		
OEM Ambient Air Temperature Sensor	Enable		
OEM Load Based Speed Control	Disable		
Parking Brake Switch	Enable		
Powertrain Protection	Disable		

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Powertrain Protection Engine Speed Limit	Disable		
PTO	Disable		
Remote Accelerator Pedal or Lever	Disable		
Road Speed Governor	Enable		
Maximum Accelerator Vehicle Speed	78	mph	
Maximum Vehicle Speed	85	mph	
Road Speed Governor Lower Droop	1	mph	
Road Speed Governor Upper Droop	3	mph	
Greenhouse Gas Vehicle Speed Limiter	Disable		
Maximum Vehicle Speed Switch	Disable		
Reserve Speed	Disable		
Road Speed Control			
Road Speed Governor Type	Traditional		
SAE J1939 Multiplexing			
Accelerator Interlock Switch	Disable		
Accelerator Pedal Or Lever Position	Disable		
Adaptive Cruise Control Usage Demand Switch	Disable		
Aftertreatment Regeneration Permit Switch	Disable		
Aftertreatment Regeneration Start Switch	Disable		
Air Conditioning Pressure Switch	Disable		
Auxiliary Shutdown Switch	Disable		
Clutch Pedal Position Switch	Enable		
Source Address	39 - Management Computer #1		
Cruise Control On/Off Switch	Enable		
Source Address	39 - Management Computer #1		
Cruise Control Pause Switch	Disable		
Cruise Control Set / Resume Switch	Enable		
Source Address	39 - Management Computer #1		

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<input checked="" type="checkbox"/> Diagnostic Test Mode Switch	Disable		
<input checked="" type="checkbox"/> Engine Brake Switch Level	Enable		
Source Address	39 - Management Computer #1		
<input checked="" type="checkbox"/> Engine Protection Shutdown Manual Override	Disable		
<input checked="" type="checkbox"/> Fan Control Switch	Disable		
<input checked="" type="checkbox"/> Fan Control Switch 2	Disable		
<input checked="" type="checkbox"/> Fuel Level Sensor	Disable		
<input checked="" type="checkbox"/> Fuel Level Sensor 2	Disable		
<input checked="" type="checkbox"/> Idle Increment/ Idle Decrement Switch	Disable		
<input checked="" type="checkbox"/> Idle Shutdown Battery Pack Charge Sensor	Disable		
<input checked="" type="checkbox"/> Idle Shutdown Internal Cabin Temperature Sensor	Disable		
<input checked="" type="checkbox"/> Idle Shutdown Timer Override Switch	Disable		
<input checked="" type="checkbox"/> Idle Shutdown Transmission Oil Temperature Sensor	Disable		
<input checked="" type="checkbox"/> Idle Validation Switch	Disable		
<input checked="" type="checkbox"/> PTO Acceleration Switch	Disable		
<input checked="" type="checkbox"/> PTO Deceleration Switch	Disable		
<input checked="" type="checkbox"/> PTO On/Off Switch	Disable		
<input checked="" type="checkbox"/> PTO Set / Resume Switch	Disable		
<input checked="" type="checkbox"/> Rear Axle Ratio Switch	Disable		
<input checked="" type="checkbox"/> Remote Accelerator Pedal or Lever	Disable		
<input checked="" type="checkbox"/> Remote Accelerator Pedal or Lever Switch	Disable		
<input checked="" type="checkbox"/> Remote PTO Switch	Disable		
<input checked="" type="checkbox"/> Service Brake Switch	Enable		
Source Address	39 - Management Computer #1		
<input checked="" type="checkbox"/> Torque Derate Switch	Disable		
<input checked="" type="checkbox"/> Service Brake Switch	Enable		
<input checked="" type="checkbox"/> Smart Coast	Disable		
<input checked="" type="checkbox"/> SmartAccel	Disable		
<input checked="" type="checkbox"/> Sudden Deceleration Event Settings	Enable		

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Sudden Deceleration Rate Threshold	12.0	mph/s	
Switched Maximum Engine Operating Speed	Disable		
Tire Wear Adjustment	Disable		
Transmission Setup	Enable		
Gear Down Transmission Ratio	1.00		
Top Gear Transmission Ratio	0.73		
Transmission Type	Manual		
Trip Information	Enable		
ECM Distance Offset	0.0	mi	
Engine Distance Offset	0.0	mi	
Vehicle Overspeed 1	119.0	mph	
Vehicle Overspeed 2	119.0	mph	
ECM Time Offset	000000	HHHHHH	
Engine Time Offset	000000	HHHHHH	
Variable Rate Vehicle Acceleration Management	Disable		
Vehicle Speed Sensor Anti-Tampering	Enable		
Vehicle Speed Sensor Anti-Tampering Sensitivity	Enable		
Tampering Sensitivity Level	Low		
Vehicle Speed Source	Enable		
Maximum Engine Speed without Vehicle Speed Source	2200	rpm	
Number of Transmission Tailshaft Gear Teeth	16		
Rear Axle Ratio	3.42		
Tire Size	517	revs/mi	
Vehicle Speed Sensor Type	Magnetic		
Two Speed Rear Axle	Disable		