

V01-4

## Caterpillar Electronic Technician 2011A v1.0 Configuration

UNIT 4

ECM

PARAMETERS

5/16/2014 10:43 AM

### C15 Truck (MXS44681)

Parameter	Value
Vehicle ID	000000000000000000
Engine Serial Number	MXS44681
ECM Serial Number	16556235JX
Personality Module Part Number	2711378-00
Personality Module Release Date	APR05
Personality Module Code	28
ECM Date/Time	1/1/2036+

Description	Value	TT
<b>Selected Engine Rating</b>		
Rating Number	1	1
Rating Type	Standard	
Multi-Torque Ratio	Unavailable	
Advertised Power	475 hp	
Governed Speed	2100 rpm	
Rated Peak Torque	1850 lb-ft @ 1200 rpm	
Top Engine Speed Range	2120 - 2120 rpm	
Test Spec	0K5925-00	
Test Spec with BrakeSaver		
<b>ECM Identification Parameters</b>		
Vehicle ID	000000000000000000	0
Engine Serial Number	MXS44681	
ECM Serial Number	16556235JX	
Personality Module Part Number	2711378-00	
Personality Module Release Date	APR05	
<b>Security Access Parameters</b>		
Total Tattletale	27	

Last Tool to change Customer Parameters	ET019872	
Last Tool to change System Parameters	00000000	
ECM Wireless Communications Enable	No	0
<b>Vehicle Speed Parameters</b>		
Vehicle Speed Calibration	32770 P/mile	1
Vehicle Speed Cal (J1939-Trans)	Unavailable	
Vehicle Speed Cal (J1939-ABS)	Unavailable	
Vehicle Speed Limit	70 mph	1
VSL Protection	2120 rpm	0
Tachometer Calibration	113.0 PPR	0
Soft Vehicle Speed Limit	No	0
Two Speed Axle - Low Speed Range Axle Ratio	Unavailable	
Nominal Axle Ratio - High Speed Range Axle Ratio	Unavailable	
<b>Cruise Control Parameters</b>		
Low Cruise Control Speed Set Limit	30 mph	1
High Cruise Control Speed Set Limit	70 mph	1
Engine Retarder Mode	Manual	0
Engine Retarder Minimum VSL Type	Hard Limit	0
Engine Retarder Minimum Vehicle Speed	0 mph	0
Auto Retarder in Cruise (0 = Off)	3 mph	4
Auto Retarder in Cruise Increment	1 mph	1
Cruise/Idle/PTO Switch Configuration	Set/Accel-Res/Decel	0
SoftCruise Control	No	1
Adaptive Cruise Control Enable	Disabled	0
<b>Idle Parameters (Old PTO)</b>		
Idle Vehicle Speed Limit	5 mph	1
Idle RPM Limit	1400 rpm	1
Idle/PTO RPM Ramp Rate	50 rpm/s	0
Idle/PTO Bump RPM	20 rpm	0
<b>Dedicated PTO Parameters</b>		
PTO Configuration	Off	0
PTO Top Engine Limit	Unavailable	
PTO Engine RPM Set Speed (0 = Off)	Unavailable	
PTO Engine RPM Set Speed A (0 = Off)	Unavailable	
PTO Engine RPM Set Speed B (0 = Off)	Unavailable	
PTO to Set Speed	Unavailable	
Maximum PTO Enable Speed	Unavailable	
PTO Cab Controls RPM Limit	Unavailable	

PTO Kickout Vehicle Speed Limit	Unavailable	
Torque Limit	Unavailable	
PTO Shutdown Time (0 = Off)	Unavailable	
PTO Shutdown Timer Maximum RPM	Unavailable	
PTO Activates Cooling Fan	Unavailable	
<b>Engine/Gear Parameters</b>		
Lower Gears Engine RPM Limit	2120 rpm	0
Lower Gears Turn Off Speed	3 mph	0
Intermediate Gears Engine RPM Limit	2120 rpm	0
Intermediate Gears Turn Off Speed	5 mph	0
Gear Down Protection RPM Limit	2120 rpm	1
Gear Down Protection Turn On Speed	127 mph	0
Low Idle Engine RPM	600 rpm	0
Transmission Style	Manual Option 1	0
Eaton Top 2 Override with Cruise Switch	Unavailable	
Top Gear Ratio	0.730	1
Top Gear Minus One Ratio	0.856	1
Top Gear Minus Two Ratio	1.000	1
Governor Type	Full Range	0
<b>Timer Parameters</b>		
Idle Shutdown Time (0 = Off)	0 min	0
Idle Shutdown Timer Maximum RPM	2120 rpm	0
Allow Idle Shutdown Override	Yes	0
Minimum Idle Shutdown Outside Temperature	Not Installed	
Maximum Idle Shutdown Outside Temperature	Not Installed	
A/C Switch Fan On-Time (0 = Off)	90 sec	1
Fan with Engine Retarder in High Mode	No	0
Engine Retarder Delay	0.0 sec	0
<b>Smart Idle Parameters</b>		
Battery Monitor and Engine Control Voltage	0.0 Volts	0
<b>Engine Monitoring Parameters</b>		
Engine Monitoring Mode	Derate	1
Engine Monitoring Lamps	Warning Lamp	0
Coolant Level Sensor	4-pin	1
<b>Maintenance Parameters</b>		
Maintenance Indicator Mode	Off	0
PM1 Interval	0 Miles	0
Engine Oil Capacity	40 quarts	0

<b>Trip Parameters</b>		
Fuel Correction Factor	0 %	0
Dash - Change Fuel Correction Factor	No	0
Dash - PM1 Reset	No	0
Dash - Fleet Trip Reset	No	0
Dash - State Selection	Yes	0
Theft Deterrent System Control	No	0
Theft Deterrent Password	****	
Quick Stop Rate	0 mph/s	0
Vehicle Overspeed Threshold	127 mph	0
<b>Vehicle Activity Report Parameters</b>		
Minimum Idle Time (0 = Off)	0 min	0
<b>Driver Reward</b>		
Driver Reward Enable	Disabled	1
<b>Input Selections</b>		
Fan Override Switch	J1/P1:7	236
Transmission Neutral Switch	None	247
Ignore Brake/Clutch Switch	Unavailable	
Torque Limit Switch	Unavailable	
Diagnostic Enable Switch	None	187
PTO On/Off Switch	Unavailable	
Remote PTO Set Switch	Unavailable	
Remote PTO Resume Switch	Unavailable	
PTO Engine RPM Set Speed Input A	Unavailable	
PTO Engine RPM Set Speed Input B	Unavailable	
Starting Aid On/Off Switch	None	254
Two Speed Axle Switch	None	158
Cruise Control On/Off Switch	J1/P1:59	31
Cruise Control Set/Resume/Accel/Decel Switch	J1/P1:35 & 44	186
Cruise Control Pause Switch	None	189
Clutch Pedal Position Switch	J1/P1:22	153
Retarder Off/Low/Med/High Switch	J1/P1:23 & 40	235
Service Brake Pedal Position Switch #1	J1939 - Cab Controller	191
Accelerator Pedal Position	J1/P1:66	223
Vehicle Speed Input	J1/P1:32 & 33	241
<b>Output Selections</b>		
Engine Running Output	None	123
Engine Shutdown Output	None	228

Auxiliary Brake	None	237
Starting Aid Output	None	30
Fan Control Type	On/Off DC	1
PTO Active Output	Unavailable	
<b>Passwords</b>		
Customer Password #1	*****	
Customer Password #2	*****	
<b>Data Link Parameters</b>		
Powertrain Data Link	J1939	0
<b>System Settings</b>		
Personality Module Code	28	0
FLS	40	1
FTS	-7	1