

Engine Feature Settings Report

Engine Type	ISX 2010	ECM Code	CL10052.23
Engine Serial Number	0	Software Phase	7.70.0.21
Unit Number	0000000000	Extraction Date	11/24/2014 9:57:20 PM

Fuel Economy

Road Speed Governor

Road Speed Governor Enable	Enable	
Maximum Acceleration Vehicle Speed	85	mph
Accelerator Lower Droop	2	mph
Accelerator Upper Droop	0	mph
Global Maximum Road Speed	120	mph

Geardown Protection

Gear Down Protection Feature	Disable	
Gear Down Protection Heavy Load Vehicle Speed	80	mph
Gear Down Protection Light Load Vehicle Speed	75	mph

Idle Speed Control

Low Idle Speed	700	rpm
Low Idle Speed Switch	Enable	

Idle Shutdown

Idle Shutdown Enable	Disable	
Idle Shutdown Timer	01:00:00	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 Warning Period	00:00:00	hh:mm:ss
Relay Diagnostic	Disable	
Idle Shutdown Parking Brake Switch Enable	Disable	

Driver Reward

Driver Reward Enable	Disable	
Speed Reward Mode	Road Speed Governor	
Best Fuel Economy Standard	6.91	mpg
Good Fuel Economy Standard	6.47	mpg
Expected Fuel Economy Standard	5.88	mpg
Driver Reward Best Idle Standard	10	%
Driver Reward Good Idle Standard	20	%
Driver Reward Expected Idle Standard	30	%
Best Speed Reward	0	mph
Good Speed Reward	0	mph
Expected Speed Reward	0	mph
Penalty Speed Reward	0	mph

Fan Control

Fan On Time(AC) Minimum	30	sec
Fan On During Engine Braking	Disable	
Fan Control Vehicle Speed Interaction	Disable	
Manual Fan Switch	Disable	
Fan Type	Discrete	
Fan Control Clutch Logic	0 Volts ON	
Variable Speed Fan Frequency	200	Hz
Fan Control A/C Press Switch	Enable	

Load based Speed Control

Load Based Speed Control	Enable	
High Engine Speed Breakpoint	1800	rpm
Low Engine Speed Breakpoint	1800	rpm

Driver Satisfaction

Cruise Control

Cruise Control Feature	Enable	
Maximum Cruise Control Speed	85	mph
Cruise Control Lower Droop	1.9	mph
Cruise Control Upper Droop	0.0	mph
Cruise Control Save Set Speed	Disable	
Cruise Control Auto-Resume	Disable	

Engine Brake

Engine Brake

Engine Brake Control Enable	Enable	
Engine Brake Minimum Vehicle Speed	0	mph
Engine Brake Cruise Control Activation	Disable	
Cruise Control Speed Delta for Minimum Engine Brake	2.0	mph
Cruise Control Speed Delta for Maximum Engine Brake	3.1	mph
Engine Brake Service Brake Activation	Disable	
Engine Brake Delay	0.0	sec
Driveline Brake Type	Engine Brake	
Engine Brake Clutch Pedal Activation	Enable	

Accelerator Control

Accelerator Type	Automotive
Remote Accelerator Pedal or Lever	Disable

Adaptive Cruise Control

Adaptive Cruise Control	Disable
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Reserve Speed

Reserve Speed	Disable	
Speed Increase	6	mph
Override Distance	100	mi

Asset Utilization

PTO/Remote PTO

PTO Feature	Disable	
PTO Maximum Engine Load	800	lb ft
PTO Service Brake Override	Enable	
PTO Maximum Vehicle Speed	6	mph
PTO Maximum Speed	2300	rpm
PTO Minimum Speed	500	rpm
PTO Accelerator Override Enable	Disable	
PTO Accelerator Override Max Eng Speed	2300	rpm
PTO Set Engine Speed	850	rpm
PTO Resume Engine Speed	925	rpm
PTO Additional Speed Switch Engine Speed	1000	rpm
PTO Engine Speed Accel/Coast Ramp Rate	250	rpm/s
PTO Clutch Override	Enable	
PTO Remote Enable	Disable	
Remote PTO Number of Speed Settings	One	

PTO/Remote PTO

Remote PTO Speed Setting 1	800	rpm
Ignore Vehicle Speed Source In PTO	Disable	
PTO Alternate Enable	Disable	
PTO Zero VSS Limit Enable	Disable	

Maintenance Monitor

Maintenance Monitor Enable	Disable	
Maintenance Monitor Mode	Automatic	
Maintenance Monitor Fuel	4500	gal
Interval Factor	2.00	
Maintenance Monitor Distance	25000	mi
Maintenance Monitor Time	800	hrs
Interval Alert Percentage	90	%

Asset Management

Trip Information

Overspeed 1 Threshold	0	mph
Overspeed 2 Threshold	0	mph
Trip Information Driver Reward	Enable	
Sudden Deceleration Rate	9.0	mph/s

Asset Protection

Engine Protection Shutdown

Engine Protection Shutdown	Disable
Engine Protection Restart Inhibit	Enable
Engine Protection Shutdown Override	Disable

Anti-Tampering Measure

Maximum Engine Speed without VSS	2500	rpm
Vehicle Speed Sensor (VSS) Tamper Detection	Enable	
Vehicle Speed Signal Tempering Sensitivity Level	High	

Password Security

Current Engine Master Password
Engine Reset Password

After-Treatment

High Soot Load Shutdown	Enable
Automatic Stationary DPF Regeneration	Disable

After-Treatment

Diesel Particulate Filter Mobile Regeneration Vehicle Speed Threshold Enable	Enable	
DPF Mobile Regeneration Vehicle Speed Threshold	0	mph
Diesel Particulate Filter Regeneration in PTO	Disable	
Diesel Particulate Filter Regeneration Lamp	Enable	
Diesel Particulate Filter Regeneration Permit Switch	Disable	
Diesel Particulate Filter Regeneration Start Switch	Enable	
Active Temperature	1472	°F
Inactive Temperature	662	°F
Active Maximum Speed	124	mph

Vehicle Setup

Driveline Configuration

Rear Axle Ratio	3.55	
Tire Size	501	rev/mi
Transmission Top Gear Ratio	0.74	ratio
Transmission One Gear Down Ratio	1.00	ratio

Switch Maximum Engine Speed

Switched Maximum Engine Speed Feature	Disable	
Switched Maximum Operating Speed	2131.00	rpm

Cruise Control Switch

Cruise Control Switch Setup	Set/Coast (Resume/ Accelerate)
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OEM Ambient Air Temperature Sensor

OEM Ambient Air Temperature Sensor	Enable
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Crankcase Ventilator Heater

Crankcase Ventilator Heater	Enable
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Vehicle Setup Parameters

Clutch Switch	Installed
J1939 Controls	Enable
J1939 Service Reset	Enable
J1939 Stop Broadcast Allowed	Enable
J1939 Trip Reset	Enable
# of Transmission Tailshaft Gear Teeth	16
Rear Axle Ratio Switch	Single Speed

Vehicle Setup Parameters

Vehicle Speed Sensor Type	Magnetic
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Tire Wear

Expected Service Life of Tires	80450	
Expected Percent Change in Tire Size	15	%
Reset Tire Wear	No	
Tire Wear Adjustment	Disable	

Transmission Setup

Transmission Type	Manual
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Multiplexing

Multiplex Accelerator Interlock Switch	Disable
Accelerator Interlock Switch Multiplex Address	23
Multiplex Accelerator Pedal or Lever Position	0
Accelerator Pedal Position Multiplex Address	254
Multiplex Air Conditioner Pressure Switch	Disable
Air Conditioner Pressure Switch	254
Multiplexed Aftertreatment Regeneration Start Switch	Disable
Aftertreatment Regeneration Switch Multiplexed Address	50
Multiplexed Aftertreatment Regeneration Permit Switch	Disable
Aftertreatment Permit Regeneration Switch Multiplexed Address	50
Multiplex Auxiliary Shutdown Switch	Disable
Aux Shutdown Switch Mux Address	254
Multiplex Clutch Pedal Position Switch	Disable
Clutch Pedal Position Switch	254
Multiplex Cruise Control On/Off Switch	Disable
Cruise Control On/Off Switch Multiplex Address	254
Multiplex Cruise Control Resume Switch	Disable
Cruise Control Resume Switch Multiplex Address	254
Multiplex Cruise Control Set Switch	Disable
Cruise Control Set Switch Mux Address	254
Multiplex Diagnostic Test Mode Switch	Disable
Diagnostic Test Mode Switch	254
Multiplex Engine Brake Switch Level	Disable
Engine Brake Switch Level Mux Address	23
Multiplex Fan Control Switch	Disable
Fan Control Switch Multiplex Address	254

Multiplexing

Multiplex Idle Decrement Switch	Disable
Idle Decrement Switch Mux Address	254
Multiplex Idle Increment Switch	Disable
Idle Increment Switch Mux Address	254
Multiplex Idle Validation Switch	Disable
Idle Validation Switch Multiplex Address	254
Multiplex Parking Brake Switch	Disable
Parking Brake Mux Address	254
Multiplex PTO On/Off Switch	Disable
PTO On/Off Switch Mux Address	254
Multiplex PTO Resume Switch	Disable
PTO Resume Switch Multiplex Address	254
Multiplex PTO Set Switch	Disable
PTO Set Switch Multiplex Address	254
Multiplex Remote PTO Switch	Disable
Remote PTO Switch Multiplex Address	254
Multiplex Remote Accelerator Switch	Disable
Remote Accelerator Pedal or Lever Switch	254
Multiplex Remote Accelerator Pedal or Lever	Disable
Remote Accelerator Pedal or Lever	254
Multiplex Service Brake Switch	Disable
Service Brake Switch Multiplex Address	254
Multiplex Torque Derate Switch	Disable
Torque Derate Multiplex Address	254