



LOCOMOTIVE CALENDER DAY INSPECTION (CFR 229)

Inspection Item	Action	Animation	Audio
Cab Components:			
Blue Flag Tag			
Non-Compliance Tag	Review		
Blue Card	Review		
Fusees	Restock		
Red Flag	Restock		
First Aid	Restock		
Fire Extinguisher	Flag for Repair		
Front Cab Door Rear Cab Door Restroom Door	Flag for Repair	Open/Close	
Front Cab Door Window Front Center Windows Front Right Window Right Windows Left Windows Rear Cab Door Window Rear Left Window	Flag for Repair	Open/Close	
Left Rear Seat Left Front Seat Engineer Seat	Flag for Repair	Armrests up Armrests down	
Cieling Light Left		On/Off	
Cieling Light Right		On/Off	
Driver Vent			Wind
Passenger Vent			Wind
Bathroom Components:			
Toilet	Flag for Repair Clean	Open/Close Flush	
OCU Selector Switch (for remote control)		Always in position A, do not animate	
Changeover Switch (for remote control) Operator Programmer Station (OPP)		Linear Slider: Remote Manual	
Breaker Cabinet Components:			
Battery Knife Switch		Open/Close	
400 Amp Fuse		Install/Remove	
Isolation Switch		On/Off	
Black Breakers:			
Fuel Pump Breaker		On/Off	
Control Breaker		On/Off	
Local Control Breaker		On/Off	
Aux Gen Field Breaker		On/Off	
Module Control Breaker		On/Off	
Rev Control Breaker		On/Off	
AC Control Breaker		On/Off	
Brake Trans Control Breaker		On/Off	
Generator Field Breaker		On/Off/?	

	Auxiliary Generator Breaker		On/Off		
	Radio Breaker		On/Off		
	White Breakers:				
	Radio & HOTD Breaker		On/Off		
	Lights Breaker		On/Off		
	HDLTS Breaker		On/Off		
	Auto Drain Timer Breaker		On/Off		
	Aux Cab Heater Breaker		On/Off		
	Utilities Breaker		On/Off		
	Warning Devices Breaker		On/Off		
	Electronic Devices Breaker		On/Off		
	Modified switches on reference loco from StartLoco.MOV:				
	Lights Ditch Crossing Breaker		On/Off		
	Window Heater Breaker		On/Off		
	Horn Breaker		On/Off		
	Fuel Link Breaker		On/Off		
	Handbrake Breaker		On/Off		
	CMU Breaker		On/Off		
	Event Recorder Breaker		On/Off		
	Control Stand Components:				
	Control and Fuel Pump Switch		On/Off		
	Engine Run Switch		On/Off		
	Generator Field Switch		On/Off		
	Automatic Brake Handle		Linear Slider: Release Initial Reduction Service Full Service Suppression? Handle Off? Emergency		
	Automatic Brake Pin		Install/Remove		
	Automatic Brake Cutout Cock		In/Out		
	Independent Brake Handle		Linear Slider: Release 1-99%? Full Application		
	Independent Brake Pin		Install/Remove		
	Independent Brake Cutout Cock		In/Out		
	Throttle Lever		Linear Slider: Idle 0 1 2 3 4 5 6 7 8		

			Buttons (controls Linear Slider): Install(enables Linear Slider) Remove(disables Linear Slider) Linear Slider: Reverse Neutral Forward		
	Reverser Handle				
	Driver climate switch Passenger climate switch	Flag for Repair	Linear Slider: Off AC Low AC High Fan Only Heat Low Heat High		
	Ceiling Left Light Switch	Flag for Repair	On/Off		
	Ceiling Right Light Switch	Flag for Repair	On/Off		
	Ground Lights Switch	Flag for Repair	On/Off		
	Step Lights Switch	Flag for Repair	On/Off		
	Ditch Light Switch	Flag for Repair	Off Dim Bright		
	Ditch Light Hood Switch	Flag for Repair	Off Dim Bright		
	Headlight Front Switch	Flag for Repair	Off Dim Bright		
	Headlight Rear Switch	Flag for Repair	Off Dim Bright		
	Wheel Slip Button	Flag for Repair	Test Light		
	PCS Open Button	Flag for Repair	Test Light		
	Brake Warn Button	Flag for Repair	Test Light		
	Sand Button	Flag for Repair	Test Light		
	Alerter Reset Switch	Flag for Repair	Reset		
	Alerter LED		On(Blinking)/Off	Alerter Alarm	
	Radio PTT Button			Dialog	
	Cap Signals?				
	Wiper Switch Front Left Wiper Switch Front Right Wiper Switch Front Center Left Wiper Switch Front Center Right Wiper Switch Rear Left Wiper Switch Rear Right	Flag for Repair	On/Off		
	Horn Switch	Flag for Repair		Horn	
	Bell Switch	Flag for Repair		Bell	
	Sander Switch	Flag for Repair	On/Off		
	Engine Compartment Components:				
	Handbrake		Apply/Release		

Engine Doors Left Front Engine Doors Left Rear Engine Doors Left Tools Engine Doors Right Front Engine Doors Right Rear Engine Doors Right Starter		Open/Close		
Tools (all 1 mesh)	Restock			
Water Gauge		Add Fluid		
Air Compressor Oil Level		Add Fluid		
Fuel Filters	Flag for Repair			
Engine Oil Level		Add Fluid		
Engine Oil Pressure Gauge		On/Off		
Engine Start Switch		Prime (5 seconds) Start (8 seconds)		
Sump		Flag for Repair		
Air Box Cover		Flag for Repair		
Crank Case Cover		Flag for Repair		
Governor		Add Fluid		
Engine Protection Relay				
Top Deck Cover Left Top Deck Cover Right		Open (not a selection, just for defect) Close		
Compressor				
Headlight Front	Flag for Repair	(controlled by switches) Off Dim Bright		
Headlight Rear	Flag for Repair	(controlled by switches) Off Dim Bright		
ME-65 Form				
Electronic LCDI				
Ground Components:				
Blue Signal				
Truck Bearing	Flag for Repair			
Spring Pad	Flag for Repair			
Springs	Flag for Repair			
Brake Pin	Flag for Repair			
Shock	Flag for Repair			
Brake System (includes Brake Shoes)	Flag for Repair			
Piston	Flag for Repair			
Wheel	Condemn			
Traction Motor Leads	Flag for Repair			
Fuel Tank	Flag for Repair			
Bell	Flag for Repair	Hammer Strike		
Engine Protection Relay		Only one at a time showing: Low Water Reset Crankcase Reset		
Main Reservoir Auto Drain Valves Left Main Reservoir Auto Drain Valves Right	Flag for Repair	Open Correct (dripping) Open Defective (flowing) Close		

	Sander Front Left Sander Front Right Sander Rear Left Sander Rear Right	Flag for Repair	(controlled by switches) Sand		
	Sand Pile Front Left Sand Pile Front Right Sand Pile Rear Left Sand Pile Rear Right				
	MU Hose Front MU Hose Rear		Move to dummy Move to power While one Hose in connecting both locomotives together, the option to connect the second hose to the power receptacle is disabled.		
	Air Hose Front Cutout Cock Front Air Hose Rear Cutout Cock Rear	Flag for Repair			
	MU Power Receptacle Front MU Power Receptacle Rear	Flag for Repair			
	Cut Lever Front Cut Lever Back		Release/Engage		
	Step Light Front Left Step Light Front Right Step Light Rear Left Step Light Rear Right	Flag for Repair			
	Gauge lights				
	Steps Front Left Steps Front Right Steps Rear Left Steps Rear Right	Flag for Repair			
	Grab Irons Front Left Grab Irons Front Right Grab Irons Rear Left Grab Irons Rear Right	Flag for Repair			
	Main Reservoir Hose (x4) Actuating Hose (x4) Main Brake Pipe Hose (x4)		Couple/Uncouple		
	Main Reservoir Hose Cut-Out Cock (x4) Actuating Hose Cut-Out Cock (x4) Main Brake Pipe Hose Cut-Out Cock (x4)		Cut In/Cut Out		
	Remote Control Components				
	Operator Control Unit (OCU)				
	OCU Battery				
	OCU Power Switch				

	Speed Selector	<p>Linear Slider: 15 10 7 4 Couple Coast - Remove power and allow speed decrease but not increase. At 0.5mph locomotive brakes are applied. Coast B - Same as Coast but maintains 15psi independent brake application. Stop - Removes power (throttle idle?) and applies independent brake.</p>		
	Independent Brake Override Selector	<p>Linear Slider: (move up/down once for each next/previous selection) Release - No independent override. Low - 1/3 independent brake application. Med - 2/3 independent brake application. High - Full independent brake application. Emergency - Emergency brake application, maximum braking to consist and cars. Power is removed, sand is applied, bell rings, and horn sounds until consist movement stops.</p>		
	Automatic Brake Selector	<p>Linear Slider: (move up/down once for each next/previous selection) Release - Car brakes released. Min - 7 psi brake pipe reduction. Light - 10 psi brake pipe reduction. Med - 15 psi brake pipe reduction. Full - 30 psi brake pipe reduction. Charge - used when connecting air hoses on a cut of cars.</p>		

		Linear Slider, 3 position: 1. Off - position 1/3 2. Sound Bell - position 2/3 3. Sound Horn - position 3/3, holds for 2 seconds then automatically moves to position 2/3.			
	Bell / Horn Switch				
	Headlight Selector Button	Dim/Bright			
	Reverser Selector	Linear Slider, 3 position: Forward Neutral Reverse			
	Tilt Alarm			Tilt Alarm	
	<i>*Locomotive model in the Sim is EMD GP38-2 with 26L pneumatic brake equipment</i>				