

Note: This is an initial NACFE comparison of parameter names, additional in depth analysis with the OEMs is required to know that these parameters match.

9-Feb-15

	Cummins	Detroit	Mack	Navistar	PACCAR	Volvo
Vehicle Speed Limits	Accelerator Maximum Vehicle Speed	Max Road Speed	Customer Vehicle Limiting Speed	Max Accelerator Vehicle Speed	Maximum Accelerator Pedal Vehicle Speed	
Vehicle Speed Limits	Global Maximum Vehicle Speed	Absolute Max Veh Speed			Maximum Vehicle Speed – vehicle speed limiter	
Vehicle Speed Limits	Gear Down Protection - Feature Option		Lower Gear Vehicle Limiting Speed Feature Activation	Gear Down Protection	SCM: Gear Down Protection	
Vehicle Speed Limits			Lower Gear Vehicle Limiting Speed			
Vehicle Speed Limits	Gear Down Protection Heavy Load Vehicle Speed			Top Gear Minus 1 - Heavy Load Speed		
Vehicle Speed Limits				Top Gear Minus 2 - Heavy Load Speed		
Vehicle Speed Limits	Gear Down Protection Light Load Vehicle Speed			Top Gear Minus 1 - Light Load Speed		
Vehicle Speed Limits				Top Gear Minus 2 - Light Load Speed		
Vehicle Speed Limits		Torque Factor Gear Down Protect				
Vehicle Speed Limits		Torque Factor High Gear Power				
Vehicle Speed Limits	PowerSpec Gear Down Protection Auto-Calculate - Feature Option					
Vehicle Speed Limits	Cruise Control Enable - Feature Option			Cruise Control Enable		
Vehicle Speed Limits	Cruise Control Maximum Vehicle Speed	Max Cruise Set Speed	CC Max Set Speed	Max Cruise Control Vehicle Speed	Maximum CC set speed	
Vehicle Speed Limits		Min Cruise Set Speed low	CC Min Set Speed	Min Cruise Control Vehicle Speed	Minimum speed that CC may be enabled	
Vehicle Speed Limits					Min Speed to Automatically Turn Cruise Control On	
Vehicle Speed Limits	Cruise Control Auto Resume	Enable Cruise Auto Resume	CC Autoresume with Clutch			
Vehicle Speed Limits			Cruise n' Brake Engagement Delay		Delay in Engine Brake Activation with Brake Pedal Depressed	
Vehicle Speed Limits	Cruise Control Save Set Speed - Feature Option					
Vehicle Speed Limits	Cruise Control Lower Droop					

	Cummins	Detroit	Mack	Navistar	PACCAR	Volvo
Vehicle Speed Limits	Cruise Control Upper Droop					
Vehicle Speed Limits		Pass Smart		Vehicle Speed Limiter Override		
Vehicle Speed Limits	Reserve Speed Increase Delta	PS Pass Speed Increment		VSLO Speed Increment		
Vehicle Speed Limits		PS Pass Speed Duration		VSLO Maximum Activation Time		
Vehicle Speed Limits	Reserve Speed Maximum Distance					
Vehicle Speed Limits		PS Pass Speed Interval		Time Interval To Reset VSLO		
Vehicle Speed Limits				VLSO Time Duration Source		
Vehicle Configuration	ECM Master Password			Customer Password		
Vehicle Configuration	ECM Reset Password					
Vehicle Configuration	ECM Adjustment Password					
Vehicle Configuration	Vehicle Setup Rear Axle Ratio	Axle Ratio		Rear Axle Ratio		
Vehicle Configuration	Vehicle Setup Transmission Top Gear Ratio	Top Gear Ratio		Top Gear Ratio		
Vehicle Configuration	Vehicle Setup Transmission One Gear Down Ratio	Second Highest Gear Ratio		Gear Ratio of Top Gear Minus 1		
Vehicle Configuration				Gear Ratio of Top Gear Minus 2		
Vehicle Configuration	Vehicle Setup Tire Revolutions Per Distance	Tire Revs per Unit Distance		Tire Revs per Mile		
Vehicle Configuration	Vehicle Setup Transmission # of Tailshaft Teeth	Number of Output Shaft Teeth				
Vehicle Configuration	Vehicle Speed Sensor(VSS) Type	Vehicle Speed Sensor				
Vehicle Configuration	Vehicle Setup Application Type					
Engine Speed / Torque Limits		Progressive Shift Enable		Progressive shift enable	SCM: Progressive Shift	
Engine Speed / Torque Limits				Low gear ratio break point		
Engine Speed / Torque Limits				High gear ratio break point		

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Engine Speed / Torque Limits		PS Low Gear 1 Max RPM Limit		Low gear engine speed limit		
Engine Speed / Torque Limits		PS Low Gear 1 Max Vehicle Spd		Low gear speed limit		
Engine Speed / Torque Limits		PS Low Gear 1 RPM Limit				
Engine Speed / Torque Limits		PS High Gear RPM Limit		High gear engine speed limit		
Engine Speed / Torque Limits		PS High Gear On Vehicle Spd				
Engine Speed / Torque Limits				High gear engine speed range		
Engine Speed / Torque Limits		PS Low Gear 2 Max RPM Limit				
Engine Speed / Torque Limits		PS Low Gear 2 Max Vehicle Spd				
Engine Speed / Torque Limits		PS Low Gear 2 RPM Limit				
Engine Speed / Torque Limits	Load Based Speed Control			RPM Minimum Progressive Shift Gear Ratio		
Engine Speed / Torque Limits	High Engine Speed Breakpoint					
Engine Speed / Torque Limits	Low Engine Speed Breakpoint					
Engine Speed / Torque Limits	Vehicle Acceleration Management					
Engine Speed / Torque Limits	Acceleration Limit #1					
Engine Speed / Torque Limits	Acceleration Limit #2					
Engine Speed / Torque Limits	Speed threshold #1					
Engine Speed / Torque Limits	Speed threshold#2					
Engine Speed / Torque Limits	Smart Torque 2 enable					
Engine Speed / Torque Limits	Powertrain protection					
Engine Speed / Torque Limits	PTP Max torque at 0 VSS					
Engine Speed / Torque Limits	PTP Max allowable driveshaft / axle torque					

	Cummins	Detroit	Mack	Navistar	PACCAR	Volvo
Idle Reduction	Idle Engine Speed			Idle Engine Speed	Engine idle speed	
Idle Reduction	Idle Shutdown - Feature Option	Enable Idle Shutdown	Idle Shutdown Feature Activation	Idle Shutdown Mode	Engine Idle Shutdown Timer Enabled	
Idle Reduction	Idle Shutdown Timer		Idle Shutdown Time	Idle Shutdown Time with Park Brake Set	Timer Setting Non-PTO Mode w/Park Brake Set	
Idle Reduction		Enable Idle Shutdown		Idle Shutdown Time with Park Brake Released	Timer Setting Non-PTO Mode wo/Park Brake Set	
Idle Reduction			Idle Shutdown Warning Time		EIST Time for Shutdown Warning	
Idle Reduction			Idle Shutdown Warning Temp			
Idle Reduction			Idle Shutdown Warmup Timer			
Idle Reduction	Idle Shutdown Manual Override - Feature Option			Latched Driver Override Enable		
Idle Reduction					Enable Accelerator Pedal Reset	
Idle Reduction					Enable Clutch Pedal Reset	
Idle Reduction					Enable Park Brake Reset	
Idle Reduction					Enable Service Brake Reset	
Idle Reduction	Idle Shutdown in PTO	Enable PTO Shutdown			EIST - PTO Mode Overrule	
Idle Reduction	Idle Shutdown Percentage PTO Load Override					
Idle Reduction	Idle Shutdown Ambient Air Temperature Override - Feature Option	Ambient Air Temp Sensor Enable			EIST - Ambient Temperature Overrule	
Idle Reduction	Idle Shutdown Intermediate Ambient Air Temperature			Intermediate Ambient Air Temperature		
Idle Reduction	Idle Shutdown Hot Ambient Air Temperature	Hi Amb Air Override Temp		Max Ambient Air Temp for Idle Shutdown	High Temperature Ambient Overrule	
Idle Reduction	Idle Shutdown Cold Ambient Air Temperature - Parameter	Lo Amb Air Override Temp			Low Ambient Temperature Overrule	
Idle Reduction	Idle Shutdown Hot Ambient Automatic Override - Feature Option					
Idle Reduction	Idle Shutdown Manual Override Inhibit Zone - Feature Option					
Driver Rewards	Driver Reward Enable	Fuel Economy Incentive Enable	Fuel Economy Incentive Mode Selection (enable)	Driver Reward Enable		
Driver Rewards	Driver Reward Expected Fuel Economy Standard	FEI Minimum Fuel Economy	FEI Penalty Target Fuel Economy	Fuel Economy - Expected Level		

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Driver Rewards	Driver Reward Penalty Speed		FEI Penalty Vehicle Speed Decrease	VS Limit Decrement - Penalty Level		
Driver Rewards	Driver Reward Good Fuel Economy Standard		FEI Reward Target Fuel Economy	Fuel Economy - Good Level		
Driver Rewards	Driver Reward Best Fuel Economy Standard			Fuel Economy - Excellent Level		
Driver Rewards	Driver Reward Expected Idle Standard			Percent Idle Time - Expected Level		
Driver Rewards	Driver Reward Good Idle Standard			Percent Idle Time - Good Level		
Driver Rewards	Driver Reward Best Idle Standard			Percent Idle Time - Excellent Level		
Driver Rewards	Driver Reward Speed Reward Mode					
Driver Rewards	Driver Reward Expected Speed Reward			VS Limit Increment - Expected Level		
Driver Rewards	Driver Reward Good Speed Reward	FEI Max Vehicle Speed Reward	FEI Reward Vehicle Speed Increase	VS Limit Increment - Good Level		
Driver Rewards	Driver Reward Best Speed Reward			VS Limit Increment - Excellent Level		
Driver Rewards		FEI Use Trip Mileage	FEI Distance Calculation Interval			
Driver Rewards		FEI Conversion Factor				
Driver Rewards		CDR mode				
Driver Rewards		CDR Reset Frequency				
Driver Rewards		Top Gear Max CDR incentive				
Driver Rewards		Max CDR incentive for CC				
Miscellaneous	Engine Brake Cruise Control Activation	Cruise Control Enable Eng Brk		Retarder Mode	MX Retarder State Cruise Control On	
Miscellaneous	Cruise Control Speed Delta for Minimum Engine Brake	Low Eng Brk Max Cruise RSL Spd		Minimum Vehicle Speed For Retarder		
Miscellaneous	Cruise Control Speed Delta for Maximum Engine Brake	Hi Eng Brk Max Cruise RSL Spd		Cruise Control Retarder High Speed		
Miscellaneous						
Miscellaneous						
Miscellaneous		Eng Brk Stage On Service Brake				

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Miscellaneous		Service Brk Enable Eng Brakes				
Miscellaneous				Delay After Throttle Pedal Released		
Miscellaneous				Delay After Brake Pedal Pressed		
Miscellaneous		Enable eCoast (Detroit Transmission)				
Miscellaneous	Engine brake delay (up to 3 seconds)				Allow Multi-Torque Only When Cruise is Active	
Miscellaneous	Engine brake min vehicle speed			Upshift Indicator		
Miscellaneous	Adaptive Cruise Control - Feature Option					
Miscellaneous		Predictive Cruise Control Eng Brake Mode				
Miscellaneous		Predictive Cruise Control Lower Veh Spd Limit				
Miscellaneous		Predictive Cruise Control RSL Mode				