

Settings IDC5

TRUCK 46.0.0



SYSTEMS	FUNCTIONS
IVECO - ABS Bosch 2X	ABS self-calibration
	Modify configuration
	Programming
	Type of brake pedal
VOLVO Electronic version 2	EBS ECU basic setting
000 4 4 4 4 10 11	Difference between standard level 1 and standard level 2 on front axle
SPS Actros MPII	Difference between standard level 1 and standard level 2 on live axle
	Accelerate down for TIP
	Accelerates from idle until the preset speed in ESC
	Accelerator pedal
	Brake
	Clutch
	Cruise max speed
	Decelerates from the preset speed in ESC at idle
	Engine limitation 1
	Engine limitation 2
	Engine limitation 3
	ESC maximum speed
	ESC minimum speed
	ESC n1 cabin
	ESC n2 cabin
	ESC n2 change application connector
	ESC n3 change application connector
DAF DMCI	ESC torque reduction
	ESC variable connector application
	ESC VMax
	Fuel correction factor
	Idle speed adjustment
	Idle speed offset
	Idle speed offset delay
	Maximum engine speed through accelerator pedal
	Maximum Vehicle Speed (Customer BUS)
	Maximum Vehicle Speed (Customer TRUCK)
	Maximum Vehicle Speed (OEM)
	Oil level sensor calibration
	Parking brake
	Speeds up for TIP
	Total fuel consumption
	VIN writing
	VMax application speed
Mercedes MR PF Pump (PLD)	Transcription of the VIN in the MR control unit
Merceues Win FT Fullip (FLD)	Unit pump classification
SCANIA EMS  WABCO TEBS D	Maximum Vehicle Speed (Customer)
	Maximum Vehicle Speed (OEM)
	SCR warning light reset
	SCR warning light reset by completely testing the EEC system operation
	Parameters setting: load from ECU
	Parameters setting: write to ECU
	Special parameterizations
	Vehicle configuration
MERCEDES MR PF Pump (PLD)	Emission-relevant error clearing
EBS Bosch 2.0	Brake pad wear adaptation
SCANIA VIS Visibility system	Daytime running light setting
, ,	Front direction indicators number

SYSTEMS	FUNCTIONS
	Headlight switch-off delay
SCANIA VIS Visibility system	Service lights and reverse lights
	Service lights disengage maximum speed
	Spotlights
	Brake characteristic value
	Brake type
	BS system
	EBS
	Failure memory bit clearing
	Front tire periphery
MERCEDES EBS Actros/Atego	Rear tire periphery
	Trailer advance
	Trailer release
	Transducer characteristic trend, brake value
	Vehicle type
	VIN reading and writing
SCANIA APS Compressed air power supply	Commissioning after replacing APS control unit
	Enabling PTO fixed value
	Idle rpm increase for PTO
	PTO fixed value
	PTO max rpm
FMR Vehicle-engine ECU ACTROS	PTO max torque
	Speed limitation for PTO function
	Speed variable limitation
	Type of PTO regulator
WARROO ARG D	Parameters setting: load from ECU
WABCO ABS D	Parameters setting: write to ECU
WARCO FRE	Parameters setting: load from ECU
WABCO EBS	Parameters setting: write to ECU
	Clutch torque converter
	Electro-hydraulic brake
	Intarder
	Intarder ZF
ZF ASTRONIC2	Maximum RPM with power take-off ON
	Maximum vehicle speed
	Multiplex system
	Power take off 1
	Power take off 2
	ABS buzzer
	ABS vehicle speed condition enable
	ACC alert volume
	Accelerator pedal as deactivation condition for engine speed control for PTO 2
	Accelerator pedal condition for auto neutral
	Accelerator pedal condition for PTO 0.1 activation
	Accelerator pedal condition for PTO 0.1 deactivation
	Accelerator pedal position for air conditioner and alternator disable
Volvo Truck Parameterization	Accelerator pedal position for air conditioner and alternator enable
	Activate conditions, auto neutral gear lever
	Activate control of engine speed by body builder CAN
	Activate control of vehicle speed by body builder CAN
	Activate cruise control for high idle deactivation
	Activate functionality, split box
	Activate PTO 2 feedback
	Activate PTO output from vehicle control unit
	Activate relay output 1

Activates the alarm clock Activates the average speed Activation of engine speed control by body builder CAN Activation of engine speed control by PTO engaged/engaging Activation of high idle by PTO and cruise control enable (PTO 0) Active pressure coolant system, diagnosis ADA (Allowed Deviation for engine speed), bus triggered output ADB (Allowed Deviation for output shaft speed), bus triggered output AdBlue tank size ADC (Allowed Deviation for vehicle speed), bus triggered output Adjustable interrupt timer for DRL Adjustment of engine speed control by remote input Adjustment of engine speed control by switches in cab Air condition installed Air conditioning installed Air conditioning system 1 type Air conditioning system 2 type Air conditioning system 3 type Air conditioning system discharge pressure Air drier percentage air for drying cartridge Air suspension pressure gauge Alarm threshold calendar time Alarm threshold vehicle distance Alarm/Speed limit at overload Allow PTO without parking brake applied Allowed deviation for engine speed threshold, output 1 Allowed deviation for engine speed threshold, output 2 Volvo Truck Parameterization Allowed deviation for engine torque threshold, output 1 Allowed deviation for engine torque threshold, output 2 Allowed deviation for vehicle speed threshold, output 1 Allowed deviation for vehicle speed threshold, output 2 Ambient sensor type Ammeter Ammeter, calibration Animated power feed display Anti-theft protection Anti-theft protection PIN code Anti-theft time delay Attachment bracket Auto neutral brake pedal position Auto neutral brake pedal, position Auto neutral engine speed Auto neutral engine speed control enable Auto neutral PTO hardware select Auto neutral via clutch Auto PTO idle speed Automatic differential lock function Automatic engine shut off Automatic engine shut off, time Automatic ICE (Internal Combustion Engine) start on ESC (Engine Speed Control) Automatic idle delay Automatic idle shift Automatic idle shift optimized Automatic idle shift optimized in reverse gear

Automatic idle speed (from speed) Automatic idle speed (stationary) Bandstop filter enable Battery monitor enabled BBM (Body Builder Module) PID 175 and PID 250 Gateway Belts alarm threshold wear Belts warning threshold wear Bi-Xenon headlamps Blackout lighting Body angle sensor installed Body builder unit source address Bogie press axle offset Brake interlock Brake lights with parking brake Brake lining lower trippoint Brake lining upper trippoint Brake pedal condition for PTO 0 deactivation Brake test brake pressure Brake test type Brakes as deactivation condition for engine speed Control for PTO 2 C3 output enable Camera installed Campaign lights CDC steering end current negative solenoid CDC steering end current positive solenoid CDC steering start current negative solenoid CDC steering start current positive solenoid Volvo Truck Parameterization CDC valve serial number Central lubrication installed Clutch as deactivation condition for engine speed control for PTO 2 Clutch condition for high idle/PTO 0 deactivation Clutch resetting type Comfort start enable Compass menu Compressor deplace factor Configure pin auto neutral digital output Connect joystick pattern option Control of reset type Coolant level, system warning Coolant pump always on full speed when PTO active Coolant temperature, system warning Cruise control maximum speed Cruise control minimum set speed Cruise control minimum speed to resume Cruise Control softcruise lower droop maximum vehicle speed offset Cruise Control softcruise upper droop maximum vehicle speed offset Cruise control trim step, resume Cummins retarder switch position 1 Cummins retarder switch position 2 Cummins retarder switch position 3 Cummins retarder switch position 4 Cummins retarder switch position 5 Cummins retarder switch position 6 Customer data, fleet ID Customer icon 1

Customer icon 2 Customer icon toolbar 1 Customer icon toolbar 2 Customer maintenance string 1 Customer maintenance string 2 Customer maintenance string 3 Customer maintenance string 4 Customer message string 1 Customer message string 2 Customer message string 3 Customer message string 4 Customer road speed limit Customer Speed Limiter (North America) Date format Date/time format Day Day time driving running lights Day time running lights Daytime running light on seperate output Deactivate engine speed control by body builder CAN Deactivate engine speed control by PTO de-activation Deactivate PTO 2 when engine not running Deactivate PTO 3 when engine not running Deceleration to activate brake lights Deceleration to inactivate brake lights Decreasing ramp PTO 2 Decreasing ramp PTO 3 Volvo Truck Parameterization Decreasing ramp PTO 4 Default unit distance Default unit fuel consumption Default unit volume Delay before activation of PTO 1 Delay before engine speed trim ramp Delay before PTO 2 activation Delay before PTO 3 activation Delay to reach the required rpm for PTO 2 Delay to reach the required rpm for PTO 3 Deletion of inactive warnings/error codes in dispay Detect fault on output 1 Detect fault on output 2 Differential lock control engagement threshold Differential lock control enable Differential lock sound disable Digital output pin for DRL Disable accelerator pedal for engine speed control PTO 0 Disable accelerator pedal for engine speed Control PTO 1 Disable accelerator pedal for engine speed control PTO 2 Disable accelerator pedal for PTO 0.1 Disable accelerator pedal for PTO 3 Disable accelerator pedal for PTO 4 Disable turn signal sound Disattivazione pedale acceleratore, livello di riposo del pedale freno Display and sound configuration Display language Display mode day/night

SYSTEMS	FUNCTIONS
	Display mode for coolant gauge
	Display of transmission oil level
	DPF cancel menu enable
	DPF High exhaust temperature enable
	DPF inhibit timer
	DPF menu enable
	DPF regeneration delay menu
	DPF regeneration enable
	DPF regeneration menu enable
	DPF semi automatic regeneration set-up
	DPF status menu enable
	Drive height of front drive axle at lower speeds
	Drive height of rear drive axle at higher speeds
	Drive height of rear drive axle at lower speeds
	Driver event string 1
	Driver event string 2
	Driver ID digits
	Driver-ID 0
	Driver-ID 1
	Driver-ID 2
	Driver-ID 3
	Driver-ID 4
	Driver-ID 5
	Driver-ID 6
	Driver-ID 7
	Driver-ID 8
	Driver-ID 9
Volvo Truck Parameterization	DRL and park brake
	DRL and park light
	DRL CAMP output
	DRL with parking light rear
	Electric lever control, fourth function installed
	Electric lever control, third function installed
	Electric servo lever control
	Electric servo lever type
	Electronic pump control installed
	Enable acceleration limiter function
	Enable accelerator pedal condition for PTO 2 activation
	Enable accelerator pedal condition for PTO 3 activation
	Enable accelerator pedal condition for PTO 3 deactivation
	Enable accelerator pedal request for engine speed
	Enable activation of engine speed control by engaging PTO 0.1
	Enable activation of engine speed control by engaging PTO 1
	Enable activation of engine speed control by engaging PTO 2
	Enable activation of engine speed control by engaging PTO 3
	Enable activation of engine speed control by engaging PTO 4
	Enable activation of engine speed control by PTO +/- button
	Enable activation of engine speed control by PTO and PTO enable
	Enable activation of high idle by engaging PTO
	Enable authorization input pin
	Enable auto neutral functionality
	Enable auto neutral functionality based on VP6
	Enable auto neutral, park brake
	Enable automatic at speed regeneration
	Enable automatic regeneration during PTO

Enable boby builder unit diagnostic Enable body builder network Enable body builder network CAN transmission Enable brake condition for PTO Enable brake condition for PTO 0 temperature dropout Enable brake condition for PTO 0.1 temperature dropout Enable brake condition for PTO 1 temperature dropout Enable brake condition for PTO 2 temperature dropout Enable brake condition for PTO 3 temperature dropout Enable brake condition for PTO 4 temperature dropout Enable brake condition to engage PTO 2 Enable brake condition to engage PTO 3 Enable brake pedal condition for high idle Enable brake pedal condition for PTO 0.1 activation Enable brake pedal condition for PTO 0.1 deactivation Enable brake pedal condition for PTO 2 activation Enable brake pedal condition for PTO 2 deactivation Enable brake pedal condition for PTO 3 activation Enable brake pedal condition for PTO 3 deactivation Enable brake pedal condition for PTO 4 activation Enable brake pedal condition for PTO 4 deactivation Enable broadcast of message AIR1 on body builder CAN Enable broadcast of message AMB on body builder CAN Enable broadcast of message ASC1 on body builder CAN Enable broadcast of message CCVS on body builder CAN Enable broadcast of message CL on body builder CAN Enable broadcast of message DASHDISP on body builder CAN Volvo Truck Parameterization Enable broadcast of message DM1 on body builder CAN Enable broadcast of message EEC1 on body builder CAN Enable broadcast of message EEC2 on body builder CAN Enable broadcast of message EEC3 on body builder CAN Enable broadcast of message EFLP on body builder CAN Enable broadcast of message ET1 on body builder CAN Enable broadcast of message ETC1 on body builder CAN Enable broadcast of message ETC2 on body builder CAN Enable broadcast of message ETC5 on body builder CAN Enable broadcast of message HOURS on body builder CAN Enable broadcast of message HRVD on body builder CAN Enable broadcast of message PTO1 on body builder CAN Enable broadcast of message SUPPLY PRESSURE on body builder CAN Enable broadcast of message TCO1 on body builder CAN Enable broadcast of message TD on body builder CAN Enable broadcast of message VEP on body builder CAN Enable broadcast of message VP19 on body builder CAN Enable broadcast of message VP37 on body builder CAN Enable broadcast of message VW on body builder CAN Enable CC (Cruise Control) button for engine speed Enable CC (Cruise Control) enable button for engine speed activation Enable CC (Cruise Control) enable button for engine speed deactivation Enable clutch condition for PTO Enable clutch condition for PTO 0 temperature dropout Enable clutch condition for PTO 0.1 activation Enable clutch condition for PTO 0.1 deactivation Enable clutch condition for PTO 0.1 temperature dropout Enable clutch condition for PTO 1 temperature dropout

Enable clutch condition for PTO 2 Enable clutch condition for PTO 2 activation Enable clutch condition for PTO 2 deactivation Enable clutch condition for PTO 2 temperature dropout Enable clutch condition for PTO 3 Enable clutch condition for PTO 3 activation Enable clutch condition for PTO 3 deactivation Enable clutch condition for PTO 3 temperature dropout Enable clutch condition for PTO 4 activation Enable clutch condition for PTO 4 deactivation Enable clutch condition for PTO 4 temperature dropout Enable control of free display by body builder CAN Enable control PTO activation by body builder CAN Enable control vehicle suspension by body builder CAN Enable cooling fan activation from PTO Enable cruise button for engine speed of PTO 0.1 Enable cruise button for engine speed of PTO 1 Enable cruise button for engine speed of PTO 2 Enable cruise button for engine speed of PTO 3 Enable cruise button for engine speed of PTO 4 Enable cruise control's "soft cruise" function Enable cruise underspeed during I-Roll Enable customer RSL (Road Speed Limit) Enable differential lock option for low range TB (Transfer Box) Enable driver overspeed alarm Enable EMS controlled external start Enable engine quick warming Volvo Truck Parameterization Enable engine speed activation by CC (Cruise Control) button Enable engine speed activation by cruise control Set +/-Enable engine speed activation by PTO +/- button Enable engine speed activation by PTO button Enable engine speed as PTO exit condition Enable engine speed control Enable engine speed limit when PTO 0.1 active Enable enhanced top two functionality Enable extra gear lever Enable fake zero vehicle speed for TB (Transfer Box) Enable fault detection on engine alert output Enable fault detection on engine start enable output Enable feedback consistency check Enable fog light menu Enable frequency related engine speed output Enable hand throttle Enable hazard light activation functionality Enable high pressure fuel pump failure diagnosis Enable hill start aid Enable increased idle to increase battery power Enable inhibit regeneration Enable I-Roll only when cruise control active Enable logic unit output 2 Enable lowest gear as starting gear Enable man moving regeneration Enable manual gear adjust in auto mode with pedal Enable manual regeneration during PTO Enable manual start regeneration

Enable maximum engine speed condition to activate PTO 1 Enable maximum vehicle speed condition to activate PTO 1 Enable minimum engine speed condition to activate PTO 1 Enable minimum rpm condition for PTO 2 activation Enable minimum rpm condition for PTO 3 activation Enable odometer in display Enable oil separator diagnosis Enable output shaft speed as deactivation condition for PTO 2 Enable output shaft speed as deactivation condition for PTO 3 Enable park brake condition for neutral activation on TB (Transfer Box) Enable parked regeneration (independent of soot load) Enable parking brake condition for high idle Enable parking heater warning Enable pretrip menu Enable PTO 0.1 status as condition for activating engine speed control Enable PTO 1 output fault check Enable PTO 2 output fault check Enable PTO 3 control Enable PTO 3 output fault check Enable PTO button for engine speed deactivation Enable PTO buttons for engine speed Enable PTO enable button for engine speed activation Enable PTO enable button for engine speed deactivation Enable PTO enable for engine speed control deactivation Enable rear start button diagnosis Enable REPTO (Rear Engine PTO) engagement status acquisition Enable RSL (Road Speed Limit) 3 for BBM (Body Builder Module) Volvo Truck Parameterization Enable secured neutral cond for PTO 0.1 deactivation Enable secured neutral condition for PTO 0 activation Enable secured neutral condition for PTO 0 deactivation Enable secured neutral condition for PTO 0.1 activation Enable secured neutral condition for PTO 1 activation Enable secured neutral condition for PTO 1 deactivation Enable secured neutral condition for PTO 2 activation Enable secured neutral condition for PTO 3 activation Enable secured neutral condition for PTO 3 deactivation Enable secured neutral condition to disengage PTO 2 Enable secured neutral condition to disengage PTO 3 Enable secured neutral condition to engage PTO 2 Enable secured neutral condition to engage PTO 3 **Enable shift indicators** Enable smart torque functionality Enable split box condition for PTO 2 Enable split box condition for PTO 3 Enable splitbox start with accelerator pedal Enable spot light menu Enable starter motor inhibit by BBM function Enable Stop/Go function Enable the black out function Enable the remote engine start function Enable the RSL (Road Speed Limit) soft cruise functionality Enable the system warning output Enable torque limitation for PTO 2 Enable torque limitation for PTO 3 Enable use of DPF inhibit speed limit

Enable vehicle stop for refuse truck Enable warm hold feature Enable warning worn out cartridge air drier Enable/disable different modes for DRL Enable/Disable SID 250 FMI 9 fault code Enable/Disable the tachograph telltale Enable/Disable trailer turn light telltale Enables the function remote engine stop End position retardation End stroke calibration value CDC steering left End stroke calibration value CDC steering right End stroke calibration value first function, first position End stroke calibration value first function, second position End stroke calibration value second function, first position End stroke calibration value second function, fourth position End stroke calibration value second function, second position End stroke calibration value second function, third position Eng/metric scale Engine brake when braking with brake pedal Engine brake when idle throttle pedal Engine oil change 125 hours Engine oil change interval Engine oil change, monitoring Engine oil change, reset in display possible Engine oil level sensor Engine oil level, system warning Engine oil pressure, system warning Volvo Truck Parameterization Engine oil sump pressure, system warning Engine oil temperature Engine oil temperature gauge Engine oil temperature, system warning Engine pre-heating Engine remote start condition gear in neutral Engine remote start condition park brake Engine shutdown input, enable Engine speed brake pedal active limit Engine speed control PTO 0, activation condition on accelerator pedal Engine speed control PTO 0, activation condition on brakes Engine speed control PTO 0, activation condition on clutch Engine speed control PTO 0, deactivation condition on accelerator pedal Engine speed control PTO 0, resume engine speed (speed selector 3) Engine speed control PTO 0, resume engine speed (speed selector mode 2) Engine speed control PTO 0, resume engine speed (speed selector mode 3) Engine speed control PTO 1, activation condition on accelerator pedal Engine speed control PTO 1, activation condition on brakes Engine speed control PTO 1, activation condition on clutch Engine speed control PTO 1, activation condition, maximum vehicle speed Engine speed control PTO 1, deactivation condition Engine speed control PTO 1, deactivation condition on accelerator pedal Engine speed control PTO 1, deactivation condition on clutch Engine speed control PTO 1, minimum engine speed Engine speed control PTO 1, resume engine speed (speed selector 0) Engine speed control PTO 1, resume engine speed (speed selector 1) Engine speed control PTO 1, resume engine speed (speed selector 2) Engine speed control PTO 1, resume engine speed (speed selector 3)

Engine speed for air conditioner and alternator disable Engine speed for air conditioner and alternator enable Engine speed for alternator fault code Engine speed for alternator fault indication Engine speed for resume (PTO) Engine speed limit when PTO active Engine speed mode 1 condition PTO dash switch Engine speed mode 1 disengagement condition, brake pedal Engine speed mode 1 disengagement condition, clutch pedal Engine speed mode 1 edge trig Engine speed mode 2 condition PTO dash switch Engine speed mode 2 disengagement condition, brake pedal Engine speed mode 2 disengagement condition, clutch pedal Engine speed mode 2 edge trig Engine speed mode 3 condition PTO dash switch Engine speed mode 3 disengagement condition, brake pedal Engine speed mode 3 disengagement condition, clutch pedal Engine speed mode 3 edge trig Engine speed mode 4 condition PTO dash switch Engine speed mode 4 disengagement condition, brake pedal Engine speed mode 4 disengagement condition, clutch pedal Engine speed mode 4 disengagement condition, parking brake Engine speed mode 4 edge trig Engine speed mode 4 enable Engine speed mode 4 engine resume speed Engine Speed Mode 4 engine speed ramp enable Engine speed mode 4 idle return delay Volvo Truck Parameterization Engine speed requested for PTO 2 Engine speed requested for PTO 3 Engine speed requested for PTO 4 Engine speed threshold, output 1 Engine speed threshold, output 2 Engine speed value when ESIR (Engine Speed Increase Request) activated Engine to air conditioner power transfer efficiency Engine torque threshold, output 1 Engine torque threshold, output 2 Engine working speed Engine, time before go to auto idle Enhanced top two activation engine speed Entry light duration Entry light installed Error/Warning on EEC1 CAN message ESC (Engine Speed Control) delta RSL (Road Speed Limit) deactivation Esc time for limp home mode entrance ESIR (Engine Speed Increase Request) autofillup enable ESIR (Engine Speed Increase Request) on levelling enable ESIR (Engine Speed Increase Request) on low pressure prevention enable ESM (Engine Speed Mode) resume enabled Estimated time of arrival Expansion tank maximum level, ohm value Expansion tank medium level, ohm value Expansion tank minimum level, ohm value Expansion tank volume at medium level Extended trip computer data Extendible dipper installed

SYSTEMS	FUNCTIONS
	Extra reverse button
	Fattore di regolazione con incremento del regime motore per la presa di PTO 3
	Fattore di regolazione con riduzione del regime motore per la presa di PTO 3
	Fifth wheel position for load indicator
	Filter
	First end current negative solenoid
	First end current positive solenoid
	First start current positive solenoid
	First start current positive solenoid
	Fog lamps
	Fog lights mode
	Foot step occupied and attention bell
	Four in one installed
	Fourth end current negative solenoid
	Fourth end current positive solenoid
	Fourth start current negative solenoid
	Fourth start current positive solenoid
	Frequency output value of the PWM signal
	Frequency related engine speed output conversion factor
	Front drive level for higher speed
	Fuel consumption, calibration percent
	Fuel economy
	Fuel injection pump serial number
	Fuel saved gauge enable
	Fuel sensor 2 connected
	Fuel sensor connected
	Fuel tank size
Volvo Truck Parameterization	Fuel tank type
	Gear in neutral condition to activate PTO 1
	Gear in neutral condition to deactivate PTO 1
	Gear in neutral detection
	Gear selector Gen4 installed
	Gearbox in neutral, deactivation condition engine speed control for PTO 2
	Green load indication
	Hammer installed
	Hand throttle installed
	Hand throttle potentiometer, lower limit
	Hand throttle potentiometer, upper limit
	Hand throttle, lower limit
	Hand throttle, upper limit
	Heated mirror timer output
	Heater installed
	High beam mode
	High idle/PTO 0 minimum engine speed
	High value of the PWM signal
	Highest adjustable gear in manual mode
	Highest start gear in automatic mode
	Highest start gear in manual mode
	Highest starting gear
	HMI Menu Resume
	Hour
	Hydraulic oil level
	Hydraulic oil temperature
	Hydraulic power feed lever type
	Hydraulic power take-off

Hydraulic retarder oil pressure sensor installed Hydraulic suspension high/low position Hydraulic suspension left front (LF) bottom position Hydraulic suspension left front (LF) normal position Hydraulic suspension left front (LF) top position Hydraulic suspension left rear (LR) bottom position Hydraulic suspension left rear (LR) normal position Hydraulic suspension left rear (LR) top position Hydraulic suspension right front (RF) bottom position Hydraulic suspension right front (RF) normal position Hydraulic suspension right front (RF) top position Hydraulic suspension right rear (RR) bottom position Hydraulic suspension right rear (RR) normal position Hydraulic suspension right rear (RR) top position Hz ICE restart alarm sound enable Idle engine speed Idle shutdown delay type Idle shutdown time Idle shutdown warning time Idle speed activation (0=off) Idle speed setting Idle speed, conditions for vehicle speed Idling automatic shut-off Ignore accelerator pedal when engine speed control active Increasing ramp PTO 2 Increasing ramp PTO 3 Volvo Truck Parameterization Increasing ramp PTO 4 Indoor temperature handling Inhibit control of engine speed by body builder CAN on brake Injector class Injector cylinder 1, calibration Injector cylinder 2, calibration Injector cylinder 3, calibration Injector cylinder 4, calibration Injector cylinder 5, calibration Injector cylinder 6, calibration Injector trim, cylinder 1 Injector trim, cylinder 2 Injector trim, cylinder 3 Injector trim, cylinder 4 Instantaneous fuel consumption, offset I-Roll enable I-Roll menu enable Language LCM trailer detection LCS disabled/enabled Left hand turn signal sound Leva singola montata Level 1, regeneration needed Level 2, regeneration required Level 3, ATS service is required Level sensor, transmission type Lift axle offset Limit value for customer RSL (Road Speed Limit)

Link PTO 2 to PTO 1 when activating PTO Link PTO 2 to PTO 1 when deactivating PTO Link PTO 2 to PTO 3 when activating PTO Link PTO 2 to PTO 3 when deactivating PTO Link PTO 3 to PTO 1 when activating PTO Link PTO 3 to PTO 1 when deactivating PTO Link PTO 3 to PTO 2 when activating PTO Link PTO 3 to PTO 2 when deactivating PTO Load indication during transport Load on engine PTO when engine PTO switch is off Logical inversion of variable A Logical inversion of variable B Logical inversion of variable C Logical inversion output 1 Logical inversion output 2 Low battery alarm level Low beam xenon Low fuel level warning limit Low idle adjust value Low idle correction value Low range error handling caused by short curcuit Low range input filtering time for TB (Transfer Box) Low value of the PWM signal Lower air pressure set point Lower limit, speed dependent driving level change LS (Load Sensing) high threshold LS (Load Sensing) low threshold Volvo Truck Parameterization Main fuel filter, warning status Main shaft speed sensor Maintenance string 1 Maintenance string 2 Maintenance string 3 Maintenance string 4 Mass of vehicle (loaded) Mass-Torque adjustment Maximum engine setpoint for PTO Maximum engine speed at standstill Maximum engine speed decrease rate for PTO Maximum engine speed for high idle Maximum engine speed for PTO 0.1 Maximum engine speed for PTO 2 Maximum engine speed for PTO 3 Maximum engine speed for PTO 4 Maximum engine speed for the engine speed control PTO 0 Maximum engine speed increase rate for PTO Maximum engine speed setpoint for PTO Maximum engine speed stationary Maximum engine speed to activate PTO 1 Maximum engine speed to activate PTO 2 Maximum engine speed to activate PTO 3 Maximum engine torque for PTO 2 Maximum idle shutdown Maximum knob engine speed when engine speed control active Maximum output shaft speed to disengage PTO 1 Maximum output shaft speed to disengage PTO 2

Maximum output shaft speed to disengage PTO 3 Maximum pad wear difference on one axle Maximum payload Maximum pressure differance left right side, drive axle Maximum set speed of Cruise Control Maximum shutdown time Maximum speed potentiometer Maximum time air conditioner and/or alternator disable Maximum time for PTO 2 feedback filter Maximum time for PTO 3 feedback filter Maximum time for successful activation of PTO 1 Maximum time for successful PTO 1 deactivation Maximum time for successful PTO 2 activation Maximum time for successful PTO 3 activation Maximum tip height installed Maximum torque for PTO 0 Maximum torque for PTO 0.1 Maximum torque for PTO 1 Maximum torque for PTO 2 Maximum torque for PTO 3 Maximum torque for PTO 4 Maximum torque limit Maximum Vehicle Speed (Customer) Maximum Vehicle Speed (OEM) Maximum vehicle speed as deactivation condition for engine speed control for Maximum vehicle speed for activation of high idle Maximum vehicle speed for activation of PTO 0.1 Volvo Truck Parameterization Maximum vehicle speed for activation of PTO 2 Maximum vehicle speed for activation of PTO 3 Maximum vehicle speed for activation of PTO 4 Maximum vehicle speed for PTO engagement Maximum vehicle speed owner/customer Maximum vehicle speed to activate engine speed with PTO buttons Maximum vehicle speed to activate PTO 0 engine speed control Maximum vehicle speed to activate PTO 1 Maximum vehicle speed to activate/deactivate neutral/low range on TB (Transfer Box) Menus in display settings Minimum engine setpoint for PTO Minimum engine speed for high idle Minimum engine speed for PTO 0.1 Minimum engine speed for PTO 2 Minimum engine speed for PTO 3 Minimum engine speed for PTO 4 Minimum set speed of Cruise Control Minimum shutdown time Minimum time air conditioner and/or alternator disable Minimum vehicle speed for deactivation of PTO 0 Minimum vehicle speed for deactivation of PTO 0.1 Minimum vehicle speed for deactivation of PTO 1 Minimum vehicle speed for deactivation of PTO 2 Minimum vehicle speed for deactivation of PTO 3 Minimum vehicle speed for deactivation of PTO 4 Minutes MM air dryer cartridge reset type

MM air dryer cartridge user read access MM air filter reset type MM air filter user warning MM axle oil reset type MM brake pads reset type MM chassis lubrication reset type MM coolant conditioner change reset type MM coolant reset type MM coolant user reset access MM customer 1 reset type MM customer 2 reset type MM customer 3 reset type MM customer 4 reset type MM DPF ash cleaning reset type MM DPF ash cleaning user alarm MM DPF fuel nozzle cleaning reset type MM engine belts predictive reset type MM engine belts predictive user alarm MM engine belts predictive user enable MM engine belts predictive user warning MM engine belts reset external allowed MM engine belts reset type MM fan clutch change reset type MM oil degradation reset type MM oil degradation user send data MM oil filter change reset type MM power steering service reset type Volvo Truck Parameterization MM technical control reset type MM transmission oil reset type MM valve lash unit injection pre load reset type MM valve lash unit injection pre load user alarm Month mRad Muddy Site brake enable Muddy Site clutch enable Muddy Site enabled Muddy Site engine speed ramp value Muddy Site gear enable Muddy Site vehicle speed limit Mute radio when park brake alert Neutral input of filtering time for TB (Transfer Box) Neutral range error handling caused by short circuit Neutral switch debounce time Next stop display indication Not A used, output 2 Not B used, output 2 Not C used, output 2 Number of cameras installed Number of preheat elements Number of reverse gears Oil sump On board weighing type Open hatch warning Operand 1 used, output 1 Operand 1 used, output 2

Operand 2 used, output 1 Operand 2 used, output 2 Operating engine speed, maximum rpm Operating engine speed, minimum rpm Operating engine speed, setting Outdoor temperature Outdoor temperature handling Outdoor temperature sensor type Output shaft speed exit condition for PTO 1 Overload boom cylinder pressure setting Overload indication level Override timer for DRL Overspeed engine brake active Owner-driver vehicle Park brake as condition for remote stop Park brake mute Park brake switch, PTO exit condition Parking brake condition to activate PTO 1 Parking heater maximum time inactivated Parking safe light timer setting Password driver Password owner Password, mechanic Perambulator display indication Periodic trips Post lubrication system installed Power off timer minutes Volvo Truck Parameterization Power take-off type Powertronic PTO installed Powertronic retarder installed Predictive algorithm Preheating status Pressure sensor, transmission type Primary hydraulic flow limit Proportional switch control lever installed PT type 2206 installed PTO 0 minimum enable engine speed PTO 1 activation gearbox consent timeout limit PTO 1 dependency on engine speed control activation PTO 1 disengagement condition brake pedal PTO 1 disengagement condition clutch PTO 1 engine speed limit activation PTO 1 engine speed limit enable PTO 1 minimum enable engine speed PTO 1 road speed limit activation PTO 1 with feedback PTO 2 activation neutral condition PTO 2 consent time PTO 2 deactivation neutral condition PTO 2 disengagement condition brake pedal PTO 2 disengagement condition clutch PTO 2 engagement condition, edge trig PTO 2 engagement condition, gear in low split PTO 2 engagement condition, gear in neutral PTO 2 engagement condition, high engine speed

SYSTEMS	FUNCTIONS
	PTO 2 engagement condition, low engine speed
	PTO 2 engagement condition, low vehicle speed
	PTO 2 engagement condition, parking brake
	PTO 2 engine speed control target in mode 1 PTO 2 engine speed control target in mode 2
	PTO 2 engine speed control target in mode 2  PTO 2 engine speed control target in mode 3
	PTO 2 engine speed control target in mode 3  PTO 2 engine speed control target in mode 4
	PTO 2 engine speed control target in mode 4  PTO 2 engine speed limit activation
	PTO 2 engine speed limit activation  PTO 2 engine speed limit enable
	PTO 2 limit engine speed (RPM) on active
	PTO 2 mount
	PTO 2 park brake exit condition
	PTO 2 road speed limit activation
	PTO 2 split box exit condition
	PTO 2 vehicle speed exit condition
	PTO 3 activation neutral condition
	PTO 3 deactivation neutral condition
	PTO 3 disengagement condition brake pedal
	PTO 3 disengagement condition clutch
	PTO 3 engagement condition, edge trig
	PTO 3 engagement condition, gear in low split
	PTO 3 engagement condition, gear in neutral
	PTO 3 engagement condition, high engine speed
	PTO 3 engagement condition, low engine speed
	PTO 3 engagement condition, low vehicle speed
	PTO 3 engagement condition, parking brake
	PTO 3 engine speed limit activation
Volvo Truck Parameterization	PTO 3 engine speed limit enable
	PTO 3 limit engine speed (RPM) on active
	PTO 3 mount
	PTO 3 park brake exit condition
	PTO 3 road speed limit activation
	PTO 3 split box exit condition
	PTO 3 vehicle speed exit condition
	PTO 4 activation neutral condition
	PTO 4 deactivation neutral condition
	PTO 4 engagement condition, edge trig
	PTO 4 engagement condition, gear in low split
	PTO 4 engagement condition, gear in neutral
	PTO 4 engagement condition, high engine speed
	PTO 4 engagement condition, low engine speed
	PTO 4 engagement condition, low vehicle speed
	PTO 4 engagement condition, parking brake
	PTO 4 limit engine speed (PPM) on active
	PTO 4 limit engine speed (RPM) on active PTO 4 mount
	PTO 4 road speed limit activation
	PTO basic function enable
	PTO governor type
	PTO maximum engine speed set
	PTO minimum engine speed set
	PTO minimum vehicle speed
	PTO priority
	PTO resume engine speed
	PTO time for limp home mode entrance
	<u> </u>

Pump class cylinder 1 Pump class cylinder 2 Pump class cylinder 3 Pump class cylinder 4 Pump class cylinder 5 Pump class cylinder 6 Pyrometer Rack position calibration request Radiator fan, OFF time minimum Radiator fan, ON time minimum Radio clock format Rain sensor Rain sensor sensitivity setting Ramp down engine speed for PTO 2 with increase/decrease switches Ramp down value at decreased engine speed for PTO 2 with speed selector Ramp down value for BBM (Body Builder Module) ESM (Engine Speed Mode) Ramp up engine speed for PTO 2 with increase/decrease switches Ramp up value at increased engine speed for PTO 2 with speed selector Ramp up value for BBM (Body Builder Module) ESM (Engine Speed Mode) Rear axle front temperature gauge Rear axle ratio Rear axle rear temperature gauge Rear axle temperature gauge Rear working light installed Red load indication Regeneration type Regime massimo motore Volvo Truck Parameterization Regime minimo automatico Remote inhibit gear enable Remote PTO control enable Remote start activate condition edge trig Remote start and stop enable Request reset when faulty component replaced Reset external allowed Resume engine speed PTO 3 speed selector 1 Resume engine speed PTO 3 speed selector 2 Resume engine speed PTO 3 speed selector 3 Resume engine speed PTO 3 speed selector 4 Resume or target engine speed for PTO 0 Retarder brake light Retarder level 1 service brake Retarder level 1 service brake maximum value Retarder level 1 service brake minimum value Retarder level 2 service brake Retarder level 2 service brake maximum value Retarder level 2 service brake minimum value Retarder level 3 service brake Retarder level 3 service brake maximum value Retarder level 3 service brake minimum value Retarder level 4 service brake Retarder with service brake Retarder with service brake maximum value Retarder with service brake minimum value Reverse speed, maximum value enabled Right hand turn signal sound

SYSTEMS	FUNCTIONS
	R0 time for limp home mode entrance
	Road speed limit enable
	Road speed limit value for PTO 1
	Road speed limit value for PTO 2
	Road speed limit value for PTO 3
	Road speed limit value for PTO 4
	RSL (Road Speed Limit) accelerator pedal value position
	RSL (Road Speed Limit) soft cruise lower droop maximum vehicle speed offset
	RSL (Road Speed Limit) soft cruise upper droop maximum vehicle speed offset
	Scale adjustment
	Seat belt check
	Seat belt reminder
	Seat belt reminder, speed limit
	Seat belt telltale
	Second end current negative solenoid
	Second end current positive solenoid
	Second gear engaging button (reverse)
	Second gear lever
	Second start current negative solenoid
	Second start current positive solenoid
	Secondary hydraulic flow limit
	Select date format
	Select distance unit
	Select language
	Select pressure unit
	Select speed unit Select temperature unit
Volvo Truck Parameterization	Select reimperature unit Select volume unit
	Selectivolaine diff
	Serial number lift/tilt valve
	Serial number, third or fourth valve
	Service, reset in display possible
	Shaft speed limit to deactivate neutral of TB (Transfer Box)
	Shift program 1 for economy driving
	Shift program 2 for performance driving
	Single hydraulic servo lever
	Smart torque activation engine speed
	Soft cruise adjustment
	Source address for external body builder module
	Source for adjustment of engine speed control
	Speed limit for locking the tag axle
	Speed limit: Maximum Vehicle Speed (Customer)
	Speed limit: Maximum Vehicle Speed (OEM)
	Split gear for transmission PTO 1
	Split gear for transmission PTO 2
	SPO time for limp home mode entrance
	Spot lamp
	Start gear depend on ECS (Electronically Controlled Suspension) manual control mode
	Start on gear 2 forward
	Start on gear 2 reverse
	Static corner light
	Stato calibrazione
	Steering wheel buttons installed
	Step factor down for engine speed

Step factor up for engine speed Tachograph diagnostic Tachograph information menu in cluster Tail lift present Tank 1 amount at higher-level Tank 1 amount at lower-level Tank 1 amount at medium-level Tank 1 empty tank ohm value Tank 1 full tank ohm value Tank 1 higher-level ohm value Tank 1 lower-level ohm value Tank 1 medium-level ohm value Tank 1 volume to total volume Tank 2 amount at higher-level Tank 2 amount at lower-level Tank 2 amount at medium-level Tank 2 empty tank ohm value Tank 2 full tank ohm value Tank 2 higher-level ohm value Tank 2 lower-level ohm value Tank 2 medium-level ohm value TB (Transfer Box) high range vehicle speed threshold 1 TB (Transfer Box) low range vehicle speed threshold 2 TB (Transfer Box) time before failure at low range activation TB (Transfer Box) time before failure at neutral activation TB (Transfer Box) time before failure at neutral deactivation TB (Transfer Box) time for limp home mode entrance TB (Transfer Box) time used to adjust high range activation Volvo Truck Parameterization Telematic gateway Temporary accelerator pedal auto neutral timer Temporary ICE (Internal Combustion Engine) shutdown timer Temporary RSL (Road Speed Limit) enable Tensione batteria bassa The PTO is drive shaft Theft deterrent time delay Third end current negative solenoid Third end current positive solenoid Third hydraulic flow limit Third start current negative solenoid Third start current positive solenoid Threshold accelerator pedal position auto neutral Threshold calendar time Threshold vehicle distance Tilt prevention function Time before PTO activation is seen as a ramp Time between air conditioner and/or alternator disable Time delay before power down Timer 1 option, output 1 Timer 1 option, output 2 Timer 1 value, output 1 Timer 1 value, output 2 Timer 2 option, output 1 Timer 2 option, output 2 Timer 2 value, output 1 Timer 2 value, output 2

SYSTEMS	FUNCTIONS
	Ti
	Timer value for PTO 2 deactivation
	Timer value for PTO 3 deactivation
	Total fuel consumption, offset
	Traction control menu password
	Trailer detection mode
	Transmission from control link to superstructure via BBM (Body Builder Module)
	Transmission from superstructure to control link via BBM (Body Builder Module)
	Transmission kickdown mode
	Transmission oil change, monitoring
	Transmission oil changed
	Transmission oil changed, reset in display possible
	Transmission oil level, system warning
	Transmission oil temperature, system warning
	Transmission oil, alarm duration
	Transmission performance mode
	Trig output above engine speed
	Trig output above output shaft speed
	Trig output above vehicle speed
	Trigger output, neutral selected (0=off)
	Trim code, unit injector 1
	Trim code, unit injector 2
	Trim code, unit injector 3
	Trim code, unit injector 4
	Trim code, unit injector 5
	Trim code, unit injector 6
	Trim factor at decreased set engine speed for PTO 3
	Trim factor at increased set engine speed for PTO 3
Volvo Truck Parameterization	Trimcode CRIN3.3 injector cylinder 1
Volvo Indok'i didilicici Editori	Trimcode CRIN3.3 injector cylinder 2
	Trimcode CRIN3.3 injector cylinder 3
	Trimcode CRIN3.3 injector cylinder 4
	Trimcode CRIN3.3 injector cylinder 5
	Trimcode CRIN3.3 injector cylinder 6
	Trimcode Denso injector cylinder 1
	Trimcode Denso injector cylinder 2
	Trimcode Denso injector cylinder 3
	Trimcode Denso injector cylinder 4
	Trimcode Denso injector cylinder 5
	Trimcode Denso injector cylinder 6
	Type of gearbox PTO 2
	Type of gearbox PTO 3
	Tyre pressure monitoring sensor ID 1
	Tyre pressure monitoring sensor ID 10
	Tyre pressure monitoring sensor ID 2
	Tyre pressure monitoring sensor ID 3
	Tyre pressure monitoring sensor ID 4
	Tyre pressure monitoring sensor ID 5
	Tyre pressure monitoring sensor ID 6
	Tyre pressure monitoring sensor ID 7
	Tyre pressure monitoring sensor ID 8
	Tyre pressure monitoring sensor ID 9
	Tyre reference pressure axle 1
	Tyre reference pressure axle 2
	Tyre reference pressure axle 3
	Tyre reference pressure axle 4
	1

Tyre reference pressure axle 5 Tyre size Units Upper air pressure set point Upper limit, speed dependent driving level change Use engine speed as condition for enabling PTO 2 Use engine speed as condition for enabling PTO 3 Use Muddy Site status as condition for enabling PTO 2 Use Muddy Site status as condition for enabling PTO 3 Variables A used, output 1 Variables A used, output 2 Variables B used, output 1 Variables B used, output 2 Variables C used, output 1 Variables C used, output 2 Variation interval (low-high) of the engine speed Variation interval (low-high) of the PWM signal VBC idle shutdown, alert time VBC idle shutdown, maximum ambient temperature VBC idle shutdown, maximum engine coolant temperature VBC idle shutdown, minimum ambient temperature VBC idle shutdown, minimum engine coolant temperature VBC idle shutdown, time before shutdown Vehicle Identification Number Vehicle speed condition for PTO 2 activation Vehicle speed condition for PTO 3 activation Vehicle speed for air conditioner and alternator disable Vehicle speed for air conditioner and alternator enable Volvo Truck Parameterization Vehicle speed threshold for DRL Vehicle speed threshold for shutdown Vehicle speed threshold, output 1 Vehicle speed threshold, output 2 View fuel consumption Warmhold disable at coolant temperature Warning for incorrect coolant level Warning for incorrect crankcase pressure Warning for incorrect engine oil temperature Warning for incorrect gearbox oil temperature Warning for incorrect oil level Warning for incorrect oil pressure Warning for incorrect radiator temperature Warning for incorrect transmission oil level Water in fuel, monitoring Wet tank display Wheel configuration axle 1 Wheel configuration axle 2 Wheel configuration axle 3 Wheel configuration axle 4 Wheel configuration axle 5 Wheelbase X1 special attachment type X3 installed Xenon high beam mode Yellow load indication

SYSTEMS	FUNCTIONS
MAN AdBlue Reprogramming	Parameters setting: load from ECU
	Parameters setting: write to ECU
MAN Instrument Panel	Parameters setting: load from ECU
	Parameters setting: write to ECU
MAN EBS Reprogramming	Parameters setting: load from ECU
	Parameters setting: write to ECU
MAN ECAS CAN 2 Reprogramming	Parameters setting: load from ECU
	Parameters setting: write to ECU
MAN TPM Reprogramming	Parameters setting: load from ECU
	Parameters setting: write to ECU
MAN Air Conditioner Reprogramming	Parameters setting: load from ECU  Parameters setting: write to ECU
MAN Driver-Passenger door module Reprogramming	Parameters setting: load from ECU
	Parameters setting: write to ECU
SCANIA S8 EMS	Injector coding  Maximum Vehicle Speed (Customer)
SCANIA SO EMS	
IDIZAD D	Maximum Vehicle Speed (OEM)
IRIZAR Doors managment	Riprogramming of the central control unit
	Decrease in sensitivity level
	Emergency rearm duration time
	Increase in sensitivity level
	Low speed closure time
IRIZAR Front door	Riprogramming of the central control unit
	Time to cancel external emergency
	Waiting time to cancel sensitivity after micro switch
	Waiting time to door stopped after micro switch
	Waiting time to open after block stop
	Waiting time to open second time if door is blocked
IRIZAR Lift chair	Riprogramming of the central control unit
MAN Radar sensor	Radar sensor calibration
	Cab type configuration
	Conditions for PTO activation
	Parameters setting: load from ECU
Body computer Stralis	Parameters setting: write to ECU
	PTO advanced settings
	PTO configuration change
	PTO deactivation conditions
EDC MWM Maxxforce	Maximum vehicle speed
EDC 7C1	Maximum vehicle speed
	Accelerate down for TIP
	Accelerates from idle until the preset speed in ESC
DAF PCI EURO 6	Accelerator pedal
	Accelerator pedal calibration
	Brake and drive line closed use to disable ESC
	Brake use to disable ESC
	Brake use to enable ESC
	Cruise max speed
	EGR derate disable
	Engine brake use to disable ESC
	Engine brake use to enable ESC
	ESC continuous acceleration ramp (acceleration request)
	ESC continuous acceleration ramp (deceleration request)
	ESC maximum speed
	ESC minimum speed
	ESC n1 cabin

SYSTEMS	FUNCTIONS
	ESC n2 cabin
	ESC torque reduction
	ESC VMax
	External intervention to disable ESC
	Fuel correction factor
	Gearbox neutral to disable ESC
	Gearbox neutral to disable ESC
	Idle speed adjustment
	Injector code reset from the VCM
	Injector coding
DAF PCI EURO 6	Maximum engine speed through accelerator pedal
	Maximum Vehicle Speed (Customer)
	Maximum Vehicle Speed (OEM)
	Minimum engine speed to enable ESC
	Oil level sensor reset
	Overrule ESC during gear change
	Parking brake
	Rail pressure adjustment valve reset
	Speeds up for TIP
	Turbo actuator replacement
	VIN writing
	VMax application speed
	Decrease in sensitivity level
	Emergency rearm duration time
	Increase in sensitivity level
IRIZAR Door Control Module	Riprogramming of the central control unit
	Time to cancel external emergency
	Waiting time to cancel sensitivity after micro switch
	Waiting time to door stopped after micro switch
	Goodyear TPMS
	Parameters setting: load from ECU
HALDEX EB+ Generation 3	Parameters setting: write to ECU
	Special parameterizations
	Vehicle configuration
	AdBlue filter initialization
Detroit ACM AdBlue	Particulate filter initialization after control unit replacement
MACK III (OLIVA IND AVEOLI)	
MACK III (CUV+IND+VECU)	Idle RPM set
Mercedes SCR Generation 1-2	Resetting the AdBlue parameters
	Cleaned diesel particulate filter installation
	Diesel Particulate Filter Regeneration
DAF EAS 3	New diesel particulate filter installation
	Reset blocked DOC
	Reset blocked fuel dosing
Iveco Stralis EDC17 CV41 Eu6	AdBlue metering unit replacement
	Catalyst replacement
	Crankcase pressure sensor replacement
	Diesel Particulate Filter Regeneration
	Differential Pressure Sensor replacement
	Injector replacement
	Long term errors delete
	Particulate filter replacement
	Rail pressure regulating valve replacement
	Rail pressure sensor replacement
	Regeneration counter reset
	Replacement of the NOx sensor downstream of the catalsyt

SYSTEMS	FUNCTIONS
Iveco Stralis EDC17 CV41 Eu6	Replacement of the NOx sensor upstream of the catalsyt
THE STANDS CONTROLLED TO STAND CONTROL CON	Common limiters: Engine speed limit while vehicle stop
	Common limiters: Idle engine speed
	Common limiters: Maximum adjusted idle speed
	Common limiters: Maximum engine retarder torque
	Common limiters: Maximum engine speed
	Cruise control I: Cruise power
	Cruise control I: Enable cruise auto resume
	Cruise control I: Maximum set speed of Cruise Control
	Cruise control I: Minimum set speed of Cruise Control
	Engine brake: Enable engine brake on cruise control
	Engine brake: Enable engine brake on road speed limiter
	Engine brake: Enable engine brakes on service brake
	Engine brake: Minimum road speed for engine brake operation
	Engine identification: Manual/Automatic transmission
	Engine identification: Type of starter device
	Engine protection shutdown: Engine protection - Coolant level shutdown
	Engine protection shutdown: Engine protection - Coolant temperature shutdown
	Engine protection shutdown: Engine protection - Oil level shutdown
	Engine protection shutdown: Engine protection - Oil pressure shutdown
	Fleetmanagement: Enable detailed alert data
	Fleetmanagement: Enable engine usage data
	Fleetmanagement: Enable fleet management
	Fleetmanagement: Enable hard brake incident
	Fleetmanagement: Enable monthly trip data
	Fleetmanagement: Enable service interval data
	Idle/PTO Shutdown: Enable idle shutdown
Detroit - Mercedes Injection	Idle/PTO Shutdown: Enable PTO shutdown
	Idle/PTO Shutdown: Idle shutdown time
	Idle/PTO Shutdown: PTO shutdown time
	Limiters AC/LIM2: Enable fast idle on air condition input
	Limiters AC/LIM2: Fast idle speed on air condition
	Limiters AC/LIM2: Maximum engine speed LIM2 enabled
	Limiters AC/LIM2: Maximum engine torque LIM2 enabled
	Limiters AC/LIM2: maximum road speed LIM2 enabled
	Limiters AC/LIM2: Minimum engine speed LIM2 enabled
	Limiters II: AL conditions
	Limiters II: Enable fuel economy incentive
	Limiters II: FEI Conversion factor
	Limiters II: FEI Maximum vehicle speed
	Limiters II: FEI Minimum fuel economy
	Limiters II: FEI Use of the partial odometer
	Limiters II: Maximum engine speed for progressive gear shifting
	Limiters II: Passing speed enabling
	Limiters II: PS Deceleration time
	Limiters II: PS Passing duration
	Limiters II: PS Reset interval
	Limiters II: PS Speed adder
	Limiters II: Transmission ratio for progressive gear shifting
	Limiters LIM0 and LIM1: Maximum engine speed LIM0 enabled
	Limiters LIM0 and LIM1: Maximum engine speed LIM1 enabled
	Limiters LIMO and LIM1: Maximum engine torque LIM0 enabled
	Limiters LIM0 and LIM1: Maximum engine torque LIM1 enabled
	Limiters LIM0 and LIM1: Maximum road speed LIM0 enabled
	Limiters LIM0 and LIM1: Maximum road speed LIM1 enabled

SYSTEMS	FUNCTIONS
	Limiters LIM0 and LIM1: Minimum engine speed LIM0 enabled
	Limiters LIM0 and LIM1: Minimum engine speed LIM1 enabled
	PTO Control on PTO and CC pin: Maximum engine speed for throttle override
	PTO Control on PTO and CC pin: Maximum PTO speed with Cruise Control + switch
	PTO Control on PTO and CC pin: Maximum PTO torque with Cruise Control - switch
	PTO Control on PTO and CC pin: Maximum PTO torque with Cruise Control + switch
	PTO Control on PTO and CC pin: Maximum road speed in PTO mode
	PTO Control on PTO and CC pin: Minimum PTO speed with Cruise Control - switch
	PTO Control on PTO and CC pin: Number of speeds via remote PTO
	PTO Control on PTO and CC pin: PTO drop out on clutch enabled
	PTO Control on PTO and CC pin: PTO drop out on service break or park brake enabled
	PTO Control on PTO and CC pin: PTO ramp rate
	PTO Control on PTO and CC pin: PTO set speed with Cruise Control - switch
	PTO Control on PTO and CC pin: PTO set speed with Cruise Control + switch
	PTO Control on PTO and CC pin: PTO speed 1
Detroit - Mercedes Injection	PTO Control on PTO and CC pin: PTO speed 1 maximum engine torque
	PTO Control on PTO and CC pin: PTO speed 2
	PTO Control on PTO and CC pin: PTO speed 2 maximum engine torque
	PTO Control on PTO and CC pin: PTO speed 3
	PTO Control on PTO and CC pin: PTO speed 3 maximum engine torque
	PTO Control on PTO and CC pin: PTO speed control configuration
	PTO Control on PTO and CC pin: PTO throttle override enabled
	Reset idle speed balance
	Speed limit: Maximum Vehicle Speed (Customer)
	Speed limit: Maximum Vehicle Speed (OEM)
	Vehicle speed sensor: Anti tamper
	Vehicle speed sensor: Axle ratio
	Vehicle speed sensor: Gear ratio tolerance
	Vehicle speed sensor: Number of output shaft teeth  Vehicle speed sensor: Second highest gear ratio
	Vehicle speed sensor. Second riighest gear ratio  Vehicle speed sensor. Tire revolutions per unit distance
	Vehicle speed sensor. The revolutions per unit distance  Vehicle speed sensor. Top gear ratio
	Vehicle speed sensor. Two speed axle - Second axle ratio
	Vehicle speed sensor: Vehicle speed sensor
	Delete work information of control unit
Mitsubishi Canter TF - ISS	Manual settings
	ATD maximum sensor value reset
	ECU settings
	EGR Delta pressure sensor recalibration
	Injector codes
DETPOIT Engine management system FRA97/19	Maximum Vehicle Speed (Customer)
DETROIT Engine management system EPA07/10	Maximum Vehicle Speed (OEM)
	Pressure limiting valve
	Rating settings
	Request driving regeneration
	VIN synchronization
Iveco Expansion Module	Manual PTO 1 configuration change
	Manual PTO 2 configuration change
	Manual PTO 3 configuration change
	PTO Code
Rexroth AC DRIVE	Parameters setting: load from ECU
	Parameters setting: write to ECU

SYSTEMS	FUNCTIONS
	AdBlue plausibility reset
	Reset of the particulate filter's differential pressure sensor initialisation values
MAN EDC17	Reset pressure relief valve counter
	Reset valori sonda lambda
	Base idle speed
	Clear ECM Learned Data
	Cruise control: Disable
	Cruise control: Maximum speed
	Cruise control: Minimum speed
	Engine protection: Enable
	Engine protection: Ande
	Exhaust brake: Exhaust brake in cruise
	Fuel trim reset
	Idle learning reset
	Idle shutdown: Buzzer enable
	Idle shutdown: Disable above ECT threshold
	Idle shutdown: Disable above RPM threshold
	Idle shutdown: Disable above NPM threshold enable
	Idle shutdown: Disable above har witheshold
	Idle shutdown: Disable below IAT threshold
	Idle shutdown: Disable in DPF mode
	Idle shutdown: Disable with ECM DTC set
	Idle shutdown: Disable with PTO switch ON
	Idle shutdown: Enable
	Idle shutdown: Enable for fleet use
	Idle shutdown: Enable in neutral
	Idle shutdown: Enable in park
	Idle shutdown: Enable only with park brake applied
	Idle shutdown: Shutdown timer
Isuzu - Engine control unit	Idle shutdown: Stop lamp illumination time prior to idle shutdown
······································	Idle shutdown: Time reduction with park brake applied
	Injector codes
	Maximum Vehicle Speed (Customer)
	Maximum Vehicle Speed (OEM)
	PTO options: Disable cab controls
	PTO options: Disable cab controls with circuit input
	PTO options: DPF Regeneration in PTO
	PTO options: Max engine speed with vehicle moving
	PTO options: PTO brake/clutch override with circuit input
	PTO options: PTO decrease rpm rate
	PTO options: PTO engage relay
	PTO options: PTO engine shutdown time delay
	PTO options: PTO engine shutdown with circuit input
	PTO options: PTO feedback
	PTO options: PTO increase rpm rate
	PTO options: PTO increase/decrease rpm rate
	PTO options: PTO maximum engage speed
	PTO options: PTO maximum engine speed
	PTO options: PTO maximum vehicle speed
	PTO options: PTO resume speed
	PTO options: PTO set speed
	PTO options: PTO shutdown vehicle speed
	PTO options: PTO shutdown with circuit input
	F 10 options. F 10 shutuown with circuit input
	PTO options: PTO standby speed

SYSTEMS	FUNCTIONS
	PTO options: Remote PTO set speed AB switches
	PTO options: Remote PTO set speed B
	PTO options: Remote PTO set/resume switches
	PTO options: Remote PTO throttle
Isuzu - Engine control unit	PTO options: Remote PTO throttle 0%
	PTO options: Remote PTO throttle 100%
	PTO options: Remote PTO throttle engine speed range
	PTO options: Standby speed limit
	Supply Pump Learn Reset
	Coding pumps
Kenworth - PMCI2 Paccar	EGR derate disable
	Injector coding
	Accelerate down for TIP
	Accelerates from idle until the preset speed in ESC
	Accelerator pedal
	Accelerator pedal calibration
	Brake and drive line closed use to disable ESC
	Brake use to disable ESC
	Brake use to enable ESC
	Cruise max speed
	EGR derate disable
	Engine brake use to disable ESC
	Engine brake use to enable ESC
	ESC continuous acceleration ramp (acceleration request)
	ESC continuous acceleration ramp (deceleration request)
	ESC maximum speed
	ESC minimum speed
	ESC n1 cabin
	ESC n2 cabin
	ESC torque reduction
	ESC VMax
Kenworth PCI	External intervention to disable ESC
	Fuel correction factor
	Gearbox neutral to disable ESC
	Gearbox neutral to enable ESC
	Idle speed adjustment
	Injector code reset from the VCM
	Injector coding
	Maximum engine speed through accelerator pedal
	Maximum Vehicle Speed (Customer)
	Maximum Vehicle Speed (OEM)
	Minimum engine speed to enable ESC
	Oil level sensor reset
	Overrule ESC during gear change
	Parking brake
	Rail pressure adjustment valve reset
	Speeds up for TIP
	Turbo actuator replacement
	VIN writing
	VMax application speed
	Reset blocked DOC
Kenworth SCR Paccar	Reset blocked fuel dosing
Isuzu TCM ISO15765	1-2 Solenoid
	2-3 Solenoid
	Check transmission lamp

SYSTEMS	FUNCTIONS
	Clear 1-2 TAP Clear 2-1 TAP
	Clear 2-3 TAP
	Clear 3-2 TAP
	Clear 3-4 TAP
	Clear 4-3 TAP
	Clear 4-5 TAP
	Clear 5-4 TAP
	Clear 5-6 TAP
	Clear 6-5 TAP
	Clear all garage shift TAP
	Clear all TAP cells
	High Side Driver 1
	Line PC solenoid
	Linear solenoid 1
	Linear solenoid 2
	Linear solenoid 3
	Linear solenoid 4
	Overdrive (OD) off lamp
Isuzu TCM ISO15765	PC solenoid
13020 10W 13013103	PC solenoid 2
	PC solenoid 3
	PC solenoid 4
	PC solenoid 5
	Preset all TAP cells
	Pressure Control Solenoid A
	Pressure Control Solenoid B
	Reset transmission adaptations
	Shift Solenoid 1
	Shift Solenoid 2
	Shift Solenoid 3
	Shift Solenoid 4
	Shift Solenoid C
	Shift Solenoid D
	Shift Solenoid E
	Shift timing solenoid
	Solenoid G Modulated Pressure
	TCC control solenoid
	Transmission fluid overtemp lamp
	Transmission Shift
Isuzu - Injection J1850 VPW	Cruise control: Automatic exhaust brake
	Cruise control: Maximum speed
	Cruise control: Minimum speed
	Engine shutdown
	Exhaust brake: Exhaust brake delay timer
	Exhaust brake: Exhaust brake in cruise
	Exhaust brake: Exhaust brake mode
	Fuel trim reset
	IAC reset
	Injector codes
	Maximum Vehicle Speed (Customer)
	Maximum Vehicle Speed (OEM)
	PTO options: Disable cab controls
	PTO options: Disable cab controls with circuit input
	PTO options: Mobile variable PTO

SYSTEMS	FUNCTIONS
	PTO options: PTO brake/clutch override
	PTO options: PTO decrease rpm rate
	PTO options: PTO engage relay
	PTO options: PTO engine shutdown time delay  PTO options: PTO engine shutdown with circuit input
	PTO options: PTO feedback
	PTO options: PTO increase rpm rate
	PTO options: PTO increase/decrease rpm rate
	PTO options: PTO maximum engage speed
	PTO options: PTO maximum engine speed
	PTO options: PTO maximum vehicle speed
	PTO options: PTO resume speed
	PTO options: PTO set speed
Isuzu - Injection J1850 VPW	PTO options: PTO shutdown vehicle speed
	PTO options: PTO shutdown with circuit input
	PTO options: PTO standby speed
	PTO options: Remote PTO set speed A
	PTO options: Remote PTO set speed AB switches
	PTO options: Remote PTO set speed B
	PTO options: Remote PTO set/resume switches
	PTO options: Remote PTO throttle
	PTO options: Remote PTO throttle 0%
	PTO options: Remote PTO throttle 100%
	PTO options: Remote PTO throttle engine speed range
	PTO options: Stationary preset PTO
	PTO options: Stationary variable PTO
	Supply Pump Learn Reset
	1-2 Solenoid
	2-3 Solenoid
	Check transmission lamp
	Clear 1-2 TAP
	Clear 2-1 TAP
	Clear 2-3 TAP
	Clear 3-2 TAP
	Clear 3-4 TAP
	Clear 4-3 TAP
Isuzu - Trasmission J1850 VPW	Clear 4-5 TAP
	Clear 5-4 TAP
	Clear 5-6 TAP
	Clear 6-5 TAP
	Clear all garage shift TAP
	Clear all TAP cells
	High Side Driver 1
	Line PC solenoid
	Linear solenoid 1
	Linear solenoid 2
	Linear solenoid 3
	Linear solenoid 4
	Overdrive (OD) off lamp
	PC solenoid
	PC solenoid 2
	PC solenoid 3
	PC solenoid 4
	PC solenoid 5
	PC Solellolu 5

SYSTEMS	FUNCTIONS
	Pressure Control Solenoid A
	Pressure Control Solenoid B
	Reset transmission adaptations
	Shift Solenoid 1
	Shift Solenoid 2
	Shift Solenoid 3
	Shift Solenoid 4
Isuzu - Trasmission J1850 VPW	Shift Solenoid C
	Shift Solenoid D
	Shift Solenoid E
	Shift timing solenoid
	Solenoid G Modulated Pressure
	TCC control solenoid
	Transmission fluid overtemp lamp
	Transmission Shift
	Adaptive cruise control enable
	AESC (Auxiliary Engine Speed Control) - Disable AESC (Auxiliary Engine Speed Control) with driveline status
	AESC (Auxiliary Engine Speed Control) - Disable AESC (Auxiliary Engine Speed Control) with in cab controls
	AESC (Auxiliary Engine Speed Control) - Disable AESC (Auxiliary Engine Speed Control) with parking brake released
	AESC (Auxiliary Engine Speed Control) - Disable AESC (Auxiliary Engine Speed Control) with service brake
	AESC (Auxiliary Engine Speed Control) - Disable AESC (Auxiliary Engine Speed Control) with vehicle speed
	AESC (Auxiliary Engine Speed Control) - Disable remote pedal with driveline status
	AESC (Auxiliary Engine Speed Control) - Disable remote pedal with in cab controls
	AESC (Auxiliary Engine Speed Control) - Disable remote pedal with parking brake released
	AESC (Auxiliary Engine Speed Control) - Disable remote pedal with service brake
	AESC (Auxiliary Engine Speed Control) - Disable remote pedal with vehicle speed
	AESC (Auxiliary Engine Speed Control) - Enable AESC (Auxiliary Engine Speed Control) overrides
	AESC (Auxiliary Engine Speed Control) - Enable remote pedal overrides
International Navistar-MaxxForce	AESC (Auxiliary Engine Speed Control) - Maximum engine speed
International Navistal-MaxxForce	AESC (Auxiliary Engine Speed Control) - Mode
	AESC (Auxiliary Engine Speed Control) - Preset engine speed 1 (set)
	AESC (Auxiliary Engine Speed Control) - Preset engine speed 2 (resume)
	AESC (Auxiliary Engine Speed Control) - Preset engine speed 3
	AESC (Auxiliary Engine Speed Control) - Preset engine speed 4
	AESC (Auxiliary Engine Speed Control) - Preset engine speed 5
	AESC (Auxiliary Engine Speed Control) - Preset engine speed 6
	AESC (Auxiliary Engine Speed Control) - Ramp rate  AESC (Auxiliary Engine Speed Control) - Return to zero
	AESC (Auxiliary Engine Speed Control) - Return to Zero  AESC (Auxiliary Engine Speed Control) - SPDT enable
	Auxiliary engine speed control - Disable with brake
	Auxiliary Engine Speed Control - In Cab Mode
	Auxiliary Engine Speed Control - In Cab Operator Interface
	Auxiliary Engine Speed Control - Remote Pedal Enable
	Brake pedal switch input selection
	CDPF Engine Hour Service Interval
	CDPF Fuel Used Service Interval
	CDPF Reset Request
	CDPF Vehicle Distance Service Interval
	Change Oil Lamp Activation Time

Change Oil Lamp Always On Clutch pedal switch input selection **Coolant Tank Selection** Crankshaft position learning reset request Cruise control auto-resume enable Cruise control engine retarder enable Cruise control engine retarder high speed Cruise control engine retarder low activation Cruise control engine retarder low speed Cruise control increment/decrement Cruise control mode Cruise control resume/accelerate switch input selection Cruise control set/coast switch input selection Cruise Control Vehicle Speed High Limit Cruise Control Vehicle Speed Low Limit Cruise control/AESC (Auxiliary Engine Speed Control) ON/OFF switch input selection **Customer Password** DOC or DPF replacement reset DPF installation date DPF serial number Driveline Status for Hydraulic Pressure Governor Operation Driver reward enable Driver Reward mode Driver Reward performance criteria Driver Reward: Fuel economy - Excellent level Driver Reward: Fuel economy - Expected level Driver Reward: Fuel economy - Good level International Navistar-MaxxForce Driver Reward: Percent idle time - Excellent level Driver Reward: Percent idle time - Expected level Driver Reward: Percent idle time - Good level Driver Reward: Vehicle speed limit decrement - Penalty level Driver Reward: Vehicle speed limit increment - Excellent level Driver Reward: Vehicle speed limit increment - Expected level Driver Reward: Vehicle speed limit increment - Good level Engine Fan Control Mode Engine Hour Service Interval Engine Idle Shutdown Maximum Intake Air Temperature Engine Idle Shutdown Minimum Intake Air Temperature Engine Idle Shutdown Time Engine Idle Shutdown Timer Mode Engine retarder - Accelerator pedal delay Engine retarder - Brake pedal delay Engine retarder minimum vehicle speed Engine Speed Limit with VSS Fault EVRT Warm-up Enable Exhaust Back Pressure Control Mode Fan Off Temperature for Engine Cooling Control Fan On Temperature for Engine Cooling Control Fuel Used Service Interval Idle shutdown - Ambient temperature override Idle shutdown - Latched override ambient temperature Idle shutdown - Maximum ambient temperature override Idle shutdown - Maximum engine coolant temperature Idle shutdown - Maximum engine torque

Idle shuddown - Minimum ambient temperature override Idle shuddown - Minimum engine count reimperature Idle shuddown sublay engine Idle shuddown time - No park brains end Idle shuddown time - No park brains end Idle shuddown time - P	SYSTEMS	FUNCTIONS
Idle shutdoon - Minimum engine coolant temperature Idle shutdoon sized pay laborate set Idle shutdoon time - Park brake set Idle shutdoon times - Park brake set Idle		Idle shutdown - Minimum amhient temperature override
Idle shaddown auxiliary engine Idle shaddown time - No park brake set Idle shaddown time - Park trake set Idle shaddown time - Park trake set Idle shaddown time - Park trake set Idle shaddown time of Park Collicit override creable Idle speed control adjustment ramp rate Injector CERM (Close and Of Motion) reset LSU regeneration facture Maximum torque in injury gear range Maximum torque in injury gear range Maximum torque in one operating gear range Maximum torque in long sear range Maximum torque long sear range Maximum torq		·
Idle shutdoon time - No pask brake eet Idle shutdoon time - Pask profeste eet Idle shutdoon time - Pask profeste eet Idle shutdoon time - Brake profeste eet Idle shutdoon time mode Idle speed control adjustment ramp rate Injector (EXDM (Close Eard Of Motion reset ISU legislessal on Istabe Idle Speed (Close Injector) Idle Maximum torque in link pear range Maximum torque in link pear range Maximum torque in link pear range Maximum Vehicle Speed (Clostoned) Maximum Vehicle Speed (Closto		
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International Navistar-MaxxForce  Intern		
Idle speed control adjustment ramp rate Injector CEDM (Close en of Motion) reset LSU factor exceeds threshold in current drive cycle LSU representation status Maximum torque in high gear range Maximum torque in live spear range Maximum torque in live spear range Maximum torque in live spear range Maximum Vehicle Speed (Clost Motion) Maximum v		Idle shutdown timer - Brake/Clutch override enable
Injector CEOM (Close End Of Motion) reset  LSU fractor exceed sthreshold in current drive cycle  LSU trageneration atsuts  Maximum torque in high gear range  Maximum torque in intermediate gear range  Maximum torque in intermediate gear range  Maximum vehicle Speed (Clastomer)  Maximum vehicle Speed (Clastomer)  Maximum vehicle Speed (Clastomer)  Maximum vehicle Speed (Glasticular mode)  Number of Coolant System Bault Overlimit  Radiator Shutter Closed Temperature  Rear Aste fatalo Cood Temperature  Rear Aste fatalo Cood  Remote AESC (Auxiliary Engine Speed Control) programmed speed switch input selection  Remote AESC (Auxiliary Engine Speed Control) programmed speed switch input selection  Remote AESC (Auxiliary Engine Speed Control) programmed speed switch input selection  Road speed limit vehicle selection		Idle shutdown timer mode
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Maximum torque in high gear range Maximum torque in high gear range Maximum torque in low gear range Maximum Vehicle Speed (Customer) Radiator Shutter Closed Temperature Radiator Shutter Capen Temperature Radiator Shutter Capen Temperature Rear Asle Ratio Idip Rear Asle Rear Request Rear Asle Rear Request Rear Asle Idip Rear A		LSU factor exceeds threshold in current drive cycle
Maximum torque in intermediate gear range Maximum torque in low gear range Maximum Vehicle Speed (Catsomer) Maximum Vehicle Speed Sp		LSU regeneration status
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Maximum Vehicle Speed (OEM)  Maximum vehicle Speed (particular mode)  Number of Coolant System Fault Overlimit  Radiator Shutter Closed Temperature  Radiator Shutter Closed Temperature  Radiator Shutter Colomate System Fault Overlimit  Radiator Shutter Colomate System Fault Overlimit  Radiator Shutter Closed Temperature  Rear Axle Ratio High  Rear Axle Ratio Low  Renote AESC (Auxiliary Engine Speed Control) programmed speed switch input selection  Renote AESC (Auxiliary Engine Speed Control) variable speed switch input selection  Road speed limit vehicle distance  Service interval - Fuel used starting value  Service interval - Fuel used starting value  Service interval - Fuel used starting value  Service interval - Vehicle distance  Service interval - Vehicle distance  Service Interval Roeat Request  Service Speed Request  Service Speed Request  Service Speed Request  Transmission Taje Speed Request  Vehicle Speed Axele Fraible  Vehicle Speed Axele Fraible  Vehicle Speed Axele Fraible  Vehicle Speed Speed Limit vehicle Speed Request  Vehicle Speed Limit vehicle Speed Limit vehicle Speed Request  Vehicle Speed S		Maximum torque in low gear range
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Smart IST DDS  Tire Revs Per Mile  Transmission Tailshaft Gear Teeth  Transmission Top Gear Ratio  Two Speed Axle Enable  Vehicle Distance Service Interval  Vehicle overspeed threshold 1  Vehicle overspeed threshold 2  Vehicle Retarder Control Mode  Vehicle speed anti-tampering enable		
Tire Revs Per Mile  Transmission Tailshaft Gear Teeth  Transmission Top Gear Ratio  Two Speed Axle Enable  Vehicle Distance Service Interval  Vehicle overspeed threshold 1  Vehicle overspeed threshold 2  Vehicle Retarder Control Mode  Vehicle speed anti-tampering enable		
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Vehicle overspeed threshold 2  Vehicle Retarder Control Mode  Vehicle speed anti-tampering enable		
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Vehicle speed anti-tampering enable		
Tomas apass addition delication filled application for the filled applicati		
WABCO APS Compressed air power supply  Parameters setting: load from ECU	WABCO APS Compressed air power supply	

SYSTEMS	FUNCTIONS
WABCO APS Compressed air power supply	Parameters setting: write to ECU
Actia CAMU	Programming: write in the ECU
	AFI (Adaptive Fuel Injector) adaptation
	Air drier reset (air leakage)
	Air drier reset (compressor replace)
	Air drier reset (data reset)
	Air drier reset (dehumidifier cartridge replace)
	Air filter maintenance - Change service interval
	Air filter maintenance - Reset service interval
	Ash load reset
	Axle oil maintenance - Change service interval
	Axle oil maintenance - Reset service interval
	Carbon dioxide
	Clutch initialization (new clutch)
	Clutch initialization (old clutch)
	Coolant maintenance - Change service interval
	Coolant maintenance - Reset service interval
	Diesel particulate filter ash cleaning maintenance - Change service interval
	Diesel particulate filter ash cleaning maintenance - Reset service interval
	Engine belt maintenance - Change service interval
	Engine belt maintenance - Reset service interval
	Flexible switch panel
	Forward looking sensor (with road test)
	Forward looking sensor (without road test)
	Front and rear axle level sensor calibration
	Front axle level sensor calibration
VOLVO EU6	Injector coding
	Lane position camera (with road test)
	Lane position camera (without road test)
	Maximum Vehicle Speed (Customer)
	Maximum Vehicle Speed (OEM)
	Parking heater timer reset
	Rain sensor
	Rear axle level sensor calibration
	Reset parameters
	Retarder valve
	SCR catalyst reset
	Soot index and soot rate adaptation
	·
	Soot load reset
	Speed limit: Maximum Vehicle Speed (Customer)
	Speed limit: Maximum Vehicle Speed (OEM)
	Steering angle sensor
	Stepper motors CCM
	Technical control inspection maintenance - Change service interval
	Technical control inspection maintenance - Reset service interval
	Too long time in parked regeneration error reset
	Transmission calibration (transmission disassembled)
	Transmission oil maintenance - Change service interval
	Transmission oil maintenance - Reset service interval
	Vehicle configuration reading
	Yaw sensor
DAF LDWS Euro 6	Customer parameters for camera height
DAF AEBS/ACC	Adaptive cruise control calibration
MERCEDES Automatic transmission	ECO gear engagement program (topography)
MILITOLDEO AUTOITIATIO ITAITISSIUIT	Gear engagement program (closed switch)

SYSTEMS	FUNCTIONS
	Gear engagement program (open switch)
MERCEDES Automatic transmission	Kickdown
	Kickdown (closed switch)
	Kickdown (crosed switch)  Kickdown (open switch)
	POWER gear engagement program (topography)
	Tractive force adaptation with driving program based on the topography
	(closed switch)  Tractive force adaptation with driving program based on the topography
VOLVO injection (version 98)	(open switch) ABS ECU basic setting
	Cruise Control: Accelerate bump speed
	Cruise Control: Auto resume with clutch
	Cruise Control: Bump speed
	Cruise Control: Cruise maximum vehicle speed
	Cruise Control: Cruise minimum vehicle speed
	Cruise Control: Cruise mode
	Cruise Control: Decelerate bump speed
	Cruise Control: Delay engine brake application in cruise
	Cruise Control: Enable cruise button bonus
	Cruise Control: Engine brake disengagement in cruise
	Cruise Control: Engine brake engagement in cruise
	Cruise Control: Hold to nearest
	Driveline: Transmission top gear ratio
	Driveline: Vehicle speed pickup teeth
	Electronic unit pumps calibration
	Engine: Air conditioning installed
	Engine: Air conditioning override time
	Engine: Air temperature fan engagement threshold
	Engine: All competators are engagement directions  Engine: Allow fan override when moving
	Engine: Allow fan override when parked
	Engine: Coolant temperature fan disengagement threshold
	Engine: Coolant temperature fan engagement threshold
	Engine: DataMax fuel calibration
Mack III - Special parameterisations	Engine: Display fuel economy type
	Engine: Enable sleep mode alert
	Engine: Engage fan with engine brake
	Engine: Engine brake installed
	Engine: Engine sleep mode
	Engine: Fan override time when moving
	Engine: Incentive fleet fuel economy target
	Engine: Oil level sensor available
	Engine: Oil temperature sensor available
	Engine: Output the boost pressure on J1587
	Engine: Power leash brake installed
	Engine: Service brake fault threshold with engine brake
	Engine: Smart fan type installed
	Exception thresholds: Custom parameter 1
	Exception thresholds: Custom parameter 2
	Exception thresholds: Engine overspeed company limit
	Exception thresholds: Engine overspeed fault threshold
	Exception thresholds: Engine overspeed logging severe
	Exception thresholds: Engine overspeed logging with fuel
	Exception thresholds: Hard braking threshold
	Exception thresholds: Traction loss threshold
	Exception thresholds: Vehicle overspeed all conditions
	Exception thresholds: Vehicle overspeed logging with fuel

GuardDog: GuardDog installed GuardDog: GuardDog low fuel level warning threshold POC: Predictive oil change POC: Reset predictive oil change via override switch PTO 1: Accelerate bump speed PTO 1: Accelerate ramp rate PTO 1: Custom PTO mode options PTO 1: Decelerate bump speed PTO 1: Decelerate ramp rate PTO 1: Drop out above maximum speed PTO 1: Engine speed limit PTO 1: Hold to nearest PTO 1: Maximum set speed PTO 1: Maximum vehicle speed before drop out PTO 1: Minimum set speed PTO 1: Park brake to engage PTO 1: Preset speed PTO 1: PTO mode PTO 1: Ramp rate PTO 1: Standard PTO mode option PTO 1: Vehicle speed limit PTO 2: Accelerate bump speed PTO 2: Accelerate ramp rate PTO 2: Custom PTO mode options PTO 2: Decelerate bump speed PTO 2: Decelerate ramp rate PTO 2: Driveshaft PTO 2 option PTO 2: Driveshaft PTO drop out threshold Mack III - Special parameterisations PTO 2: Driveshaft PTO drop out threshold enable PTO 2: Drop out above maximum speed PTO 2: Engine speed limit PTO 2: Hold to nearest PTO 2: Maximum set speed PTO 2: Maximum vehicle speed before drop out PTO 2: Minimum set speed PTO 2: Park brake to engage PTO 2: Preset speed PTO 2: PTO mode PTO 2: Ramp rate PTO 2: Standard PTO mode option PTO 2: Vehicle speed limit PTO 3: Accelerate bump speed PTO 3: Accelerate ramp rate PTO 3: Custom PTO mode options PTO 3: Decelerate bump speed PTO 3: Decelerate ramp rate PTO 3: Drop out above maximum speed PTO 3: Engine speed limit PTO 3: Hold to nearest PTO 3: Maximum set speed PTO 3: Maximum vehicle speed before drop out PTO 3: Minimum set speed PTO 3: Park brake to engage PTO 3: Preset speed

PTO 3: PTO 3 available

PTO 3: PTO mode PTO 3: Ramp rate PTO 3: Standard PTO mode option PTO 3: Vehicle speed limit PTO 4: Accelerate bump speed PTO 4: Accelerate ramp rate PTO 4: Custom PTO mode options PTO 4: Decelerate bump speed PTO 4: Decelerate ramp rate PTO 4: Drop out above maximum speed PTO 4: Engine speed limit PTO 4: Hold to nearest PTO 4: Maximum set speed PTO 4: Maximum vehicle speed before drop out PTO 4: Minimum set speed PTO 4: Park brake to engage PTO 4: Preset speed PTO 4: PTO 4 available PTO 4: PTO mode PTO 4: Ramp rate PTO 4: Standard PTO mode option PTO 4: Vehicle speed limit Security: Dash display - Demand ID to continue running Security: Dash display - Demand ID to operate Security: Level P (limit power) - Power limit Security: Level S (limited speed) - Vehicle speed limit Security: Level T (theft) - Distance after shutdown lamp ON Security: Level T (theft) - Distance before shutdown Mack III - Special parameterisations Security: Level T (theft) - Time before shutdown Security: Number of ID attempts Security: Power limit before shutdown Security: Power limit if no ID entered Shutdown: Enable ambient air temperature option Shutdown: Idle cool down Shutdown: Idle shutdown if power used higher than threshold Shutdown: Idle shutdown if PTO active Shutdown: Idle shutdown if single speed control active Shutdown: Idle shutdown if sleeper mode active Shutdown: Idle shutdown if variable speed governor is active Shutdown: Idle shutdown options Shutdown: Idle shutdown power threshold Shutdown: Idle shutdown timer Shutdown: Idle shutdown warm-up temperature Shutdown: Idle shutdown warm-up timer Shutdown: Idle shutdown warning time Shutdown: Idle shutdown with PTO for fast idle active Shutdown: Maximum air temperature Shutdown: Minimum air temperature Shutdown: Shutdown sensor option - High coolant temperature Shutdown: Shutdown sensor option - High exhaust temperature Shutdown: Shutdown sensor option - High transmission temperature Shutdown: Shutdown sensor option - Low coolant level Shutdown: Shutdown sensor option - Low oil pressure Storing of parametrization file Switch features: Adjust low idle with switches

SYSTEMS	FUNCTIONS
	Switch features: Control 1 available
	Switch features: Control 1 available  Switch features: Control 2 available
	Switch features: Control 2 available  Switch features: Control super 10 top 2 with switch
	Switch features: Engage fan with PTO 1 ON
	Switch features: Engage fan with PTO 2 ON
	Switch features: Engage fan with PTO 3 ON
	Switch features: Engage fan with PTO 4 ON
	Switch features: Inhibit cruise with PTO ON
	Switch features: Initial set using resume switch
	Switch features: Set/Resume fault diagnostic
	Switch features: Single press of Resume to accelerate
	Variable speed governor: Custom VSG mode options
	Variable speed governor: Decelerate ramp rate
	Variable speed governor: Drop out above maximum speed
	Variable speed governor: Engine speed limit
	Variable speed governor: Governor type
	Variable speed governor: High idle engine speed (droop)
	Variable speed governor: Maximum set speed
	Variable speed governor: Maximum vehicle speed
	Variable speed governor: Minimum set speed
	Variable speed governor: Ramp rate
	Variable speed governor: VSG mode
Mark III. Consider a superstantism	Variable speed governor: VSG single speed control RPM
Mack III - Special parameterisations	Vehicle speed and torque limiting: Customer torque limit
	Vehicle speed and torque limiting: Customer torque limit gear ratio
	Vehicle speed and torque limiting: Detect loss of signal from vehicle speed
	sensor
	Vehicle speed and torque limiting: Enable fault if incorrect gear ratio
	Vehicle speed and torque limiting: Engine load threshold for no vehicle speed
	Vehicle speed and torque limiting: Failed vehicle speed sensor engine power limit
	Vehicle speed and torque limiting: Limit power if electrical fault from vehicle speed
	Vehicle speed and torque limiting: Limit power if no signal from vehicle speed sensor
	Vehicle speed and torque limiting: Lower gear vehicle speed limit option
	Vehicle speed and torque limiting: Maximum vehicle speed (Custom)
	Vehicle speed and torque limiting: Maximum vehicle speed (OEM)
	Vehicle speed and torque limiting: Torque limit ramp-up time
	Vehicle speed and torque limiting: Torque limit with PTO
	Vehicle: Alternator high voltage fault threshold
Wabco OptiTire	Vehicle: Alternator low voltage fault threshold
	Vehicle: Battery low voltage fault threshold
	Vehicle: Carrier ratio
	Vehicle: Enable air suspension monitor
	Vehicle: Hold electrical power until vehicle stopped
	Vehicle: Tire size
	Parameters setting: load from ECU
	Parameters setting: write to ECU
	Sensor ID Assignment
	Sensor ID Learning
	Super single tyres
	Vehicle configuration
	Wheels ID configuration
	Wheels target pressure configuration
HINO Injection 2010 series 6	Active regeneration time limit

SYSTEMS	FUNCTIONS
	Auto idling at DTO
	Auto pulitable regeneration admission
	Auto switch regeneration admission  Automatic regeneration enable when stops
	Automatic regeneration enable when stops  Automatic regeneration prohibition
	Cancel PTO accelerator engine speed
	Cancel PTO accelerator vehicle speed
	DPR active regeneration (at PTO idling) activate
	DPR active regeneration (at PTO operation) activate
	DPR manual regeneration (at PTO idling) enable
	DPR white smoke prevention mode (at PTO switch on idling) deactivate
	Drive accelerator sensor adjust
	Engine stop switch
	Idle shotdown intake air temperature setting
	Idle shutdown time setting
	Idle shutdown water temperature setting
	Idling knob PTO
	Injectors calibration
	Invalid drive accelerator at PTO
	Invalid manual idling at PTO
	Invalid PTO accelerator contol
	PM amount piling up
	Preset PTO
	Preset PTO engine speed variation
HINO Injection 2010 series 6	Preset PTO set engine speed 1
	Preset PTO set engine speed 2
	PTO accelerator brake pedal cancel
	PTO accelerator clutch pedal
	PTO accelerator clutch pedal cancel
	PTO accelerator engine speed
	PTO accelerator maximum engine speed
	PTO accelerator parking brake switch
	PTO accelerator vehicle speed
	PTO acceletator brake pedal
	PTO auto switch regeneration admission
	PTO drive accelerator sensor adjust
	PTO idling speed set maximum engine speed
	PTO idling speed variation
	PTO mode neutral
	PTO set engine speed
	PTO switch select
	Reset burner maintenance mileage
	Reset DPR related memory
	Supply pump specification learning
	Target engine speed lower limit
	Variable PTO idling
	Variable PTO idling speed variation
HINO Urea Dosing Control Unit (DCU)	DEF (Diesel Exhaust Fluid) metering
	Reset feedback amount dosage of DEF (Diesel Exhaust Fluid)
	Reset of amount of ammonia absorption
	Reset of amount of ammonia absorption (wall)
	Reset of hydrocarbon poisoning
MERCEDES Injection Autobus (Euro III)	Deactivation of the SCR exhaust gas after-treatment system
	Emission-relevant error clearing
	Setup of the SCR exhaust gas after-treatment system  ARS collibration
FORD F350 ABS	ABS calibration

HYUNDAI Denso Common Rail Euro 4/5  MERCEDES FR EvoBus (Euro III)  Programming: write in the ECU  RECEDES FR EvoBus (Euro III)  Change password  Immobilizer initialization  Key registration  Limp home mode  Approval number  Password  Register number  Vehicle speed factor  Vehicle type  VIN writing  Parameters setting: write to ECU  MERCEDES-BENZ Steering angle sensor LWS  WABCO BS/EPB (EBS) Brakes control  MERCEDES-BENZ PPC Predictive powertrain control  ECANIA EEC3 Exhaust gas treatment  SCANIA EEC3 Exhaust gas treatment  SCANIA OPCS Opticruise 5  CONTINUES  SCANIA VIS Visibility system CUV 2  ECC0 - Lane departure warning system (LDWS)  NEOTENEK - Trasmission AMT  NECCO - Lane departure warning system (LDWS)  NEOTENEK - Trasmission AMT  NECCO - ACC Adjustable speed control  On-road calibration  Immobilizer initialization  Inmobilizer (Inmobilizer initialization)  Inmobilizer (Inmobilizer (Inmobilize	SYSTEMS	FUNCTIONS
AS Calbration   Viti writing   Continguistion   Contin	FORD FORO ADO	MMiti
FORD Cargo ASS	FORD F350 ABS	
FORD Cargo Rosch EDC 7UC31  FORD Cargo Rosch EDC 7UC31  FORD Cargo Instrument panel  FORD Cargo Instrum	FORD Cargo ABS	
PORD Cargo Bosch EDC TUC31   Implication		
FORD Cargo Bosch EDC 7UC31  File Cargo Instrument panel  FORD Cargo Instrument panel  FORD Cargo Instrument panel  FORD Cargo Instrument panel  FORD DCLID basing Control Unit  Waboo ABS D/E  Parameters setting load from ECU Parameters setting load from ECU Parameters setting wite to ECU  FORD DCLID basing Control Unit  Waboo VCM Stateway  FORD Stateway		
Maximum website speed   Vill code configuration   Vill code code   Vill code   Vill code code   Vi	FORD 0 P FD0 744001	
NN code configuration   Impector codes	FORD Cargo Bosch EDC 70C31	, ,
SINDTRUK Dense EDG R61  FORD Cargo instrument panel  EDU configuration  EDU configuration  Calibrates ESD steering wheel angle sensor  Parameters setting, where to ECU  Parameters setting, where to ECU  Parameters setting with en to ECU  Programming write in the ECU  Inspector coding  MERCEDES FR EvoRus (Euro III)  ENDEAD ASD (EURO III)  ENDO (EUR		
FORD Cargo Instrument panel         EDU configuration           Waboo ABS D/E         Calibrate ESG steering wheel angle sensor           Parameters setting, load from EQU           Parameters setting, write to ECU           FORD DCU Dosing Control Unit         VIN writing           Waboo AGS DVG         CAN speed adjustment           PORD DCU Dosing Control Unit         VIN writing           Whole D Gene Common Rall Euro 4/5         Injector coding           HYUNDAI Denso Common Rall Euro 4/5         Injector coding           MERCEDES FR Evolbus (Euro III)         Speed variable limitation           APQUADAI Immobilizer         Immobilizer initialization           HYUNDAI (DTG) Central display         Equipment of the properties of t	ONOTRIES - FRONCI	
FÖRD Cargo Instrument panel  Waboo ARS D/E  Calibrate ESS steering wheel angle sensor  Parameters setting; load from ECU  Parameters setting; write to ECU  FORD DCU Dosing Control Unit  Waboo VCM Gateway  HVUNDAI Denso Common Rail Euro 4/5  Injector coding  MERCEDES FR Evolbus (Euro III)  Approach Institution  Experimental Euro 4/5  MERCEDES FR Evolbus (Euro III)  FORD DCU Dosing Control Unit  Waboo VCM Gateway  HVUNDAI Immobilizer  Approach Institutation  (Change password  Immobilizer institutation  (Errogistation  Europe password  Immobilizer institutation  (Errogistation  Europe Institutation  Approach Immobilizer institutation  (Errogistation  Europe Immobilizer institutation  Approach unaber  Password  Register number  Vehicle speed factor  Vehicle spee	SINUTRUK Denso EDC R61	
Wabbo ABS DTE         Calibrate SSC steering wheel angle sensor           PRATMENTS SETING, write to ECU           FORD DCU Dosing Control Unit         VIN writing           Waboo VCM Gateway         CAN speed adjustment           PROPARTMING, Williams         Programming, write in the ECU           HYUNDAI Denso Common Rail Euro 4/5         Injector coding           HYUNDAI Immobilizer         Change password           HYUNDAI Immobilizer         Change password           HYUNDAI Immobilizer         Change password           HYUNDAI (DTG) Central display         Approval number           Approval number         Approval number           Password         Password           Register number         Vehicle type           Vahiolis type         Vehicle type           Vahiolis type         Vehicle type           Vahiolis type         Vehicle type           WIRCEDES BEXZ Steering angle sensor LWS         VIN reading and writing           WARCEDES BEXZ Steering angle sensor LWS         VIN reading and writing           WARCEDES BEXZ Steering angle sensor LWS         VIN reading and writing           WARCEDES BEXZ Steering angle sensor LWS         VIN reading and writing           WARCEDES BEXX Steering angle sensor LWS         VIN reading and writing           WARCEDES BEXX Steering	FORD Cargo Instrument panel	
Washes ASS D/E         Parameters setting load from ECU           FORD CCU Dosing Control Unit         VIN writing           Washeo VCM Sateway         CAN speed adjustment           HYUNDAI Denso Common Rail Euro 4/5         Injector coding           MERCEDES FR EvaBus (Euro III)         Speed variable limitation           MERCEDES FR EvaBus (Euro III)         Change password           HYUNDAI Immobilizer         [Immobilizer initialization           MERCEDES FR EvaBus (Euro III)         Key registration           MERCEDES FR EvaBus (Euro III)         Approval number           MEMORATE AND		
FORD DCU Dosing Control Unit         Vin writing           Waboo VCM Gateway         CAN speed adjustment           Waboo VCM Gateway         CAN speed adjustment           HYUNDAI Denso Common Rail Euro 4/5         Injector coding           MERCEDES FR EvoRus (Euro III)         Speed variable limitation           MERCEDES FR EvoRus (Euro III)         Change password           HYUNDAI (Immobilizer         Immobilizer initialization           HYUNDAI (Immobilizer         Register number           Approval number         Approval number           Password         Register number           Vehicle speed factor         Vehicle speed factor           Vehicle speed factor	W L ADO D/5	
FORD DCU Dosing Control Unit  Wabco VCM Gateway  ACM speed adjustment Programming: write in the ECU Proparaming: write in the ECU Proparamite initialization Proparamite initi	Wabco ABS D/E	
Wabbo VCM Gateway         CAN speed adjustment           HYUNDAI Denso Common Rail Euro 4/5         Injector Coding           MERCEDES FR EvoBus (Euro III)         Speed variable limitation           HYUNDAI Immobilizer         Change password           HYUNDAI (DTG) Central display         Approval number           Password         Register number           Password         Register number           Vehicle Speed factor         Vehicle Speed factor           Vehicle Speed         Vehicle Speed factor           Vehicle Speed Speed factor         Vehicle Speed factor           Vehicle Speed Speed factor         Vehicle Speed factor           Vehicle Speed		
Washoo Wo Gateway         Programming: write in the ECU           HYUNDAI Denso Common Rail Euro 4/5         Injector coding           MERCEDES FR EvoBus (Euro III)         Speed variable limitation           HYUNDAI Immobilizer         Change password           Immobilizer initialization         Key registration           Limp home mode         Key separatration           HYUNDAI (DTG) Central display         Approval number           Password         Register number           Vehicle aspeed factor         Vehicle aspeed factor           Vill veeding and vehing         Vehicle aspeed factor           <	FORD DCU Dosing Control Unit	
HYUNDAI Denso Common Rail Euro 4/5  MERCEDES FR EvoBus (Euro III)  Speed variable limitation  (Change password  Immobilizer initialization  Key registration  (Limp home mode  Limp home mode  Approval number  Password  Register number  Vehicle speed factor  Vehicle type  Vehicle type  Vehicle type  Vehicle speed factor  Vin reading and writing  Faiture memory bit clearing  Faiture speed imitation exceedances  Faiture setting write to ECU  Faiture setting write on ECU  Faiture setting write on ECU  Faiture setting write on ECU  Faiture setti	Wabco VCM Gateway	
MERCEDES FR EvoBus (Euro III)         Speed variable limitation           HYUNDAI Immobilizer         (Change password Immobilizer initialization (Rey registration)           HYUNDAI (DTG) Central display         Approval number (Password Immober)           HYUNDAI (DTG) Central display         Password (Password Immober)           HYUNDAI (DTG) Central display         Register number (Password Immober)           HYUNDAI (DTG) Central display         Perameter setting the control (Password Immober)           MAN Waboo EBS 2         Parameters setting: load from ECU (Password Immober)           MERCEDES-BENZ Steering angle sensor LWS         VIN reading and writing (Password Immober)           WABCO BS/PB (EBS) Brakes control         Failure memory bit clearing (Password Immober)           WABCO BS/PB (EBS) Brakes control         Parameters setting: load from ECU (Parameters setting: write to ECU (Paramet		
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HYUNDAI Immobilizer  Key registration  Limp home mode  Approval number  Password  Register number  HYUNDAI (DTG) Central display  HYUNDAI (DTG) Central dis	MERCEDES FR EvoBus (Euro III)	
HYUNDAI (Immobilizer    File   File   File   File   File   File		
HUNDAI (DTG) Central display  Approval number Pasword  Register number Vehicle speed factor V	HYUNDAI Immobilizer	
HYUNDAI (DTG) Central display  HYUNDAI (DTG) Central departure warning system (LDWS)  HYUNDAI (DTG) Central display  HYUNDAI		
HYUNDAI (DTG) Central display  Register number  Vehicle type  Vehicle type  VIN writing  MAN Wabco EBS 2  MERCEDES-BENZ Steering angle sensor LWS  WABCO BS/EPB (EBS) Brakes control  Parameters setting: write to ECU  Temporary speed limitation exceedances  SCANIA EECS Exhaust gas treatment  Commissioning after replacing SCR control unit  SCANIA OPCS Optioruise 5  Accelerometer initialization  Accelerometer initialization  SCANIA VIS Visibility system CUV 2  Emporary speed limitation exceedances  Parameters setting: write to ECU  Temporary speed limitation exceedances  Parameters setting: write to ECU  Temporary speed limitation exceedances  SCANIA VIS Visibility system CUV 2  Edit on direction indicators number for each side  Headlight switch-off delay  Service lights and reverse lights  Service lights and reverse ligh		Limp home mode
HYUNDAI (DTG) Central display  ANA Wabco EBS 2  ANA Wabco EBS Brakes control  ANA Wabco BS/EPB (EBS) Brakes control  ANA Wabco BS/EPB (EBS) Brakes control  ANA Wabco EBS EBKZ PPC Predictive powertrain control  ANA ECS EBKZ PPC Predictive powertrain control  ANA EBCS EBKZ EBKZ EBKZ EBKZ EBKZ EBKZ EBKZ EBKZ		Approval number
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Vehicle speed factor           Vehicle type           Vehicle type           VIN writing           MAN Waboo EBS 2         Parameters setting: load from ECU           MERCEDES-BENZ Steering angle sensor LWS         VIN reading and writing           WABCO BS/EPB (EBS) Brakes control         Failure memory bit clearing           Driving program         Parameters setting: load from ECU           Parameters setting: write to ECU         Parameters setting: load from ECU           Parameters setting: write to ECU         Parameters setting: load from ECU           Parameters setting: write to ECU         Parameters setting: load from ECU           Parameters setting: write to ECU         Parameters setting: load from ECU           Parameters setting: write to ECU         Parameters setting: load from ECU           Parameters setting: write to ECU         Parameters setting: load from ECU           Parameters setting: load from ECU         Parameters setting: write to ECU           Parameters setting: load from ECU         Parameters setting: load from ECU           Parameters setting: load from ECU         Parameters setting: load from ECU	HYUNDAI (DTG) Central display	Register number
VIN writing       WAN Waboo EBS 2     Parameters setting: load from ECU       MERCEDES-BENZ Steering angle sensor LWS     VIN reading and writing       WABCO BS/EPB (EBS) Brakes control     Failure memory bit clearing       MERCEDES-BENZ PPC Predictive powertrain control     Driving program       Parameters setting: load from ECU     Parameters setting: write to ECU       Parameters setting: write to ECU     Temporary speed limitation exceedances       SCANIA EEC3 Exhaust gas treatment     Commissioning after replacing SCR control unit       SCANIA OPC5 Opticruise 5     Accelerometer initialization       SCANIA VIS Visibility system CUV 2     Daytime running light setting       Front direction indicators number for each side     Headlight switch-off delay       Service lights and reverse lights     Service lights and reverse lights       Service lights and reverse lights     Service lights and reverse lights       SINOTRUK - Trasmission AMT     Adaptive gear values learning       IVECO - Lane departure warning system (LDWS)     On-road calibration       IVECO - ACC Adjustable speed control     On-road calibration       IVECO Daily LDWS     Camera calibration       WABCO ACBS-ACC     Parameters setting: load from ECU       Parameters setting: write to ECU       Parameters setting: write to ECU		
MAN Wabco EBS 2 Parameters setting: load from ECU Parameters Setting: write to ECU Parameters setting: load from ECU Parameters setting: load from ECU Parameters setting: load from ECU Parameters setting: write to ECU		Vehicle type
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MERCEDES-BENZ Steering angle sensor LWS  WABCO BS/EPB (EBS) Brakes control  Failure memory bit clearing  Parameters setting: write to ECU  Temporary speed limitation exceedances  SCANIA DPCS Opticruise 5  Accelerometer initialization  SCANIA VIS Visibility system CUV 2  Accelerometer initialization  SCANIA VIS Visibility system CUV 2  Accelerometer initialization  Pront direction indicators number for each side  Headlight switch-off delay  Service lights and reverse lights  Service lights disengage maximum speed  Spotlights  SINOTRUK - Trasmission AMT  Adaptive gear values learning  NECO - Lane departure warning system (LDWS)  On-road calibration  NECO - Lane departure warning system (LDWS)  On-road calibration  NECO - Lane departure warning system (LDWS)  Accelerometer acalibration  WABCO AEDS-ACC  Adjustable speed control  On-road calibration  WABCO AEDS-ACC  Agination parameters  Edit configuration parameters  Event frame counter reset  Parameters setting: write to ECU  Parameters setting: write to ECU  WABCO Onlane LDWS  Configuration parameters	MAN Wahoo FBS 2	Parameters setting: load from ECU
Wabco Bs/EPB (EBS) Brakes control       Failure memory bit clearing         Driving program         Parameters setting: load from ECU         Parameters setting: write to ECU         Temporary speed limitation exceedances         SCANIA EEC3 Exhaust gas treatment       Commissioning after replacing SCR control unit         SCANIA OPC5 Opticruise 5       Accelerometer initialization         Paytime running light setting         Front direction indicators number for each side         Headlight switch-off delay         Service lights and reverse lights         Service lights disengage maximum speed         Spotlights         SINOTRUK - Trasmission AMT       Adaptive gear values learning         NECO - Lane departure warning system (LDWS)       On-road calibration         NECO - ACC Adjustable speed control       On-road calibration         NECO Daily LDWS       Configuration parameters         WABCO AEBS-ACC       Edit configuration parameters         Event frame counter reset         Parameters setting: load from ECU         Parameters setting: write to ECU	111/11/11/11/11/11	Parameters setting: write to ECU
MERCEDES-BENZ PPC Predictive powertrain control  Parameters setting: load from ECU Parameters setting: write to ECU Temporary speed limitation exceedances  SCANIA EEC3 Exhaust gas treatment  Commissioning after replacing SCR control unit  SCANIA OPC5 Opticruise 5  Accelerometer initialization  Daytime running light setting Front direction indicators number for each side Headlight switch-off delay Service lights and reverse lights Service lights disengage maximum speed Spotlights  SINOTRUK - Trasmission AMT  NECO - Lane departure warning system (LDWS)  On-road calibration  NECO - ACC Adjustable speed control  On-road calibration  VECO Daily LDWS  Camera calibration  VECO Daily LDWS  Edit configuration parameters  Event frame counter reset Parameters setting: write to ECU  WABCO Onlane LDWS  Configuration parameters	MERCEDES-BENZ Steering angle sensor LWS	VIN reading and writing
MERCEDES-BENZ PPC Predictive powertrain control  Parameters setting: load from ECU Parameters setting: write to ECU Temporary speed limitation exceedances  SCANIA EEC3 Exhaust gas treatment  Commissioning after replacing SCR control unit  SCANIA OPC5 Opticruise 5  Accelerometer initialization  Daytime running light setting Front direction indicators number for each side Headlight switch-off delay Service lights and reverse lights Service lights disengage maximum speed Spotlights  SINOTRUK - Trasmission AMT  Adaptive gear values learning IVECO - Lane departure warning system (LDWS)  On-road calibration  IVECO Paily LDWS  Camera calibration  VECO Pairy LDWS  Edit configuration parameters Event frame counter reset Parameters setting: load from ECU Parameters setting: write to ECU  WABCO Onlane LDWS  Configuration parameters	WABCO BS/EPB (EBS) Brakes control	Failure memory bit clearing
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SCANIA DCS Opticruise 5 Accelerometer initialization  Accelerometer initialization  Daytime running light setting Front direction indicators number for each side Headlight switch-off delay Service lights and reverse lights Service lights disengage maximum speed Spotlights  SINOTRUK - Trasmission AMT Adaptive gear values learning IVECO - Lane departure warning system (LDWS) On-road calibration IVECO ACC Adjustable speed control  On-road calibration  IVECO Daily LDWS Camera calibration  Edit configuration parameters Event frame counter reset Parameters setting: load from ECU Parameters setting: write to ECU  WABCO Onlane LDWS Configuration parameters	WETGEBEG BENZTT OTTENDENCE powertrum control	Parameters setting: write to ECU
SCANIA OPC5 Opticruise 5  Accelerometer initialization  Daytime running light setting Front direction indicators number for each side Headlight switch-off delay Service lights and reverse lights Service lights and reverse lights Service lights disengage maximum speed Spotlights  SINOTRUK - Trasmission AMT Adaptive gear values learning IVECO - Lane departure warning system (LDWS) On-road calibration IVECO - ACC Adjustable speed control On-road calibration  IVECO Daily LDWS Camera calibration  Edit configuration parameters Event frame counter reset Parameters setting: load from ECU Parameters setting: write to ECU  WABCO Onlane LDWS Configuration parameters		Temporary speed limitation exceedances
SCANIA VIS Visibility system CUV 2  Service lights and reverse lights Service lights disengage maximum speed Spotlights  SINOTRUK - Trasmission AMT  Adaptive gear values learning  IVECO - Lane departure warning system (LDWS)  IVECO - ACC Adjustable speed control  IVECO Daily LDWS  Camera calibration  IVECO Daily LDWS  Edit configuration parameters  Event frame counter reset Parameters setting: load from ECU Parameters setting: write to ECU  WABCO Onlane LDWS  Daytime running light setting Front direction indicators number for each side Headlight switch-off delay Service lights disengage maximum speed Spotlights  Service lights disengage maximum speed Adaptive gear values learning On-road calibration  On-road calibration  Edit configuration parameters  Event frame counter reset Parameters setting: load from ECU Parameters setting: write to ECU  WABCO Onlane LDWS  On-road calibration  Camera cal	SCANIA EEC3 Exhaust gas treatment	Commissioning after replacing SCR control unit
SCANIA VIS Visibility system CUV 2  Front direction indicators number for each side  Headlight switch-off delay  Service lights and reverse lights  Service lights disengage maximum speed  Spotlights  SINOTRUK - Trasmission AMT  Adaptive gear values learning  IVECO - Lane departure warning system (LDWS)  On-road calibration  IVECO - ACC Adjustable speed control  On-road calibration  IVECO Daily LDWS  Camera calibration  Edit configuration parameters  Event frame counter reset  Parameters setting: load from ECU  Parameters setting: write to ECU  WABCO Onlane LDWS  Front direction indicators number for each side  Headlight switch-off delay  Service lights disengage maximum speed  Spotlights  Service lights and reverse lights  Service lights disengage maximum speed  Spotlights  Service light	SCANIA OPC5 Opticruise 5	Accelerometer initialization
SCANIA VIS Visibility system CUV 2  Headlight switch-off delay Service lights and reverse lights Service lights disengage maximum speed Spotlights  SINOTRUK - Trasmission AMT Adaptive gear values learning  IVECO - Lane departure warning system (LDWS) On-road calibration  IVECO - ACC Adjustable speed control  IVECO Daily LDWS Camera calibration  VECO Daily LDWS Edit configuration parameters Event frame counter reset  Parameters setting: load from ECU  Parameters setting: write to ECU  WABCO Onlane LDWS Configuration parameters  ECU		Daytime running light setting
SCANIA VIS Visibility system CUV 2  Service lights and reverse lights  Service lights disengage maximum speed  Spotlights  SINOTRUK - Trasmission AMT  Adaptive gear values learning  IVECO - Lane departure warning system (LDWS)  IVECO - ACC Adjustable speed control  IVECO Daily LDWS  Camera calibration  VECO Daily LDWS  Edit configuration parameters  Event frame counter reset  Parameters setting: load from ECU  Parameters setting: write to ECU  WABCO Onlane LDWS  Central Gights and reverse lights  Service lights lights  Serv		Front direction indicators number for each side
Service lights and reverse lights Service lights disengage maximum speed Spotlights  SINOTRUK - Trasmission AMT Adaptive gear values learning IVECO - Lane departure warning system (LDWS) On-road calibration IVECO - ACC Adjustable speed control On-road calibration  IVECO Daily LDWS Camera calibration Edit configuration parameters Event frame counter reset Parameters setting: load from ECU Parameters setting: write to ECU  WABCO Onlane LDWS Configuration parameters	SCANIA VIS Vicibility system CLIV 2	Headlight switch-off delay
Spotlights  SINOTRUK - Trasmission AMT  Adaptive gear values learning  IVECO - Lane departure warning system (LDWS)  On-road calibration  IVECO - ACC Adjustable speed control  IVECO Daily LDWS  Camera calibration  Edit configuration parameters  Event frame counter reset  Parameters setting: load from ECU  Parameters setting: write to ECU  WABCO Onlane LDWS  Configuration parameters  EVECUTE: WABCO Onlane LDWS  Configuration parameters  EVENT frame to ECU  Parameters setting: write to ECU  Configuration parameters	SCANIA VIS VISIBILITY SYSTEM COV Z	Service lights and reverse lights
SINOTRUK - Trasmission AMT  IVECO - Lane departure warning system (LDWS)  IVECO - ACC Adjustable speed control  IVECO Daily LDWS  Camera calibration  Edit configuration parameters  Event frame counter reset  Parameters setting: load from ECU  Parameters setting: write to ECU  WABCO Onlane LDWS  Adaptive gear values learning  On-road calibration  Camera calibration  Edit configuration parameters  Event frame counter reset  Parameters setting: write to ECU  Configuration parameters		Service lights disengage maximum speed
IVECO - Lane departure warning system (LDWS)  IVECO - ACC Adjustable speed control  IVECO Daily LDWS  Camera calibration  Edit configuration parameters  Event frame counter reset  Parameters setting: load from ECU  Parameters setting: write to ECU  WABCO Onlane LDWS  On-road calibration  Camera calibration  Edit configuration parameters  Event frame counter reset  Parameters setting: write to ECU  Configuration parameters		Spotlights
IVECO - ACC Adjustable speed control  IVECO Daily LDWS  Camera calibration  Edit configuration parameters  Event frame counter reset  Parameters setting: load from ECU  Parameters setting: write to ECU  WABCO Onlane LDWS  On-road calibration  Camera calibration  Edit configuration parameters  Event frame counter reset  Configuration parameters	SINOTRUK - Trasmission AMT	Adaptive gear values learning
IVECO Daily LDWS  Camera calibration  Edit configuration parameters  Event frame counter reset  Parameters setting: load from ECU  Parameters setting: write to ECU  WABCO Onlane LDWS  Configuration parameters	IVECO - Lane departure warning system (LDWS)	On-road calibration
WABCO AEBS-ACC  Edit configuration parameters  Event frame counter reset  Parameters setting: load from ECU  Parameters setting: write to ECU  WABCO Onlane LDWS  Configuration parameters	IVECO - ACC Adjustable speed control	On-road calibration
WABCO AEBS-ACC  Event frame counter reset  Parameters setting: load from ECU  Parameters setting: write to ECU  WABCO Onlane LDWS  Configuration parameters	IVECO Daily LDWS	Camera calibration
WABCO AEBS-ACC  Parameters setting: load from ECU  Parameters setting: write to ECU  WABCO Onlane LDWS  Configuration parameters		Edit configuration parameters
Parameters setting: load from ECU Parameters setting: write to ECU  WABCO Onlane LDWS  Configuration parameters	WADOO AFRO AGO	Event frame counter reset
WABCO Onlane LDWS Configuration parameters	WADOO AEDS-ACC	Parameters setting: load from ECU
HINO - Diesel injection J05D / J05E  DEF (Diesel Exhaust Fluid) filter maintenance distance reset	WABCO Onlane LDWS	Configuration parameters
	HINO - Diesel injection J05D / J05E	DEF (Diesel Exhaust Fluid) filter maintenance distance reset

SYSTEMS	FUNCTIONS
HINO - Diesel injection J05D / J05E	
	DEF (Diesel Exhaust Fluid) related maintenance distance reset
	DEF (Diesel Exhaust Fluid) related memory reset
	Forced regeneration
	Injector coding
	Reset all DPR status
	Customer group program 1
MERCEDES Automatic Transmission EST 46C EvoBus	Customer group program 2
	Gear engage program 1
	Gear engage program 2
ZF Intarder Recovery	Parameters setting: write to ECU
	Automatic neutral
	Automatic neutral tone
	Auxiliary transmission model
	Brake switch (Hardwired)
	Clutch calibration
	Coast down gear
	Coast mode
	Concurrent APG/PTO CAN
	Counter shaft PTO
	Drive creep
	Driver interface
	Drivetrain type
	Electric clutch actuator data reset
	Engine protection upshift
	Engine protection upshift speed
	Engine PTO
	Engine torque timeout time
	Grade sensor calibration
	Grease interval
	Grease interval reset
	High Capacity Inertia Brake (HCIB)
INTERNATIONAL EATON Transmission	Highest starting gear
	Hill start assist
	Kick downshift
	Maximum reverse gear
	Maximum upshift increment
	Minimize downshift
	Park pawl (T-Handle) calibration
	Product type
	PTO brake
	Push button model
	Remote throttle
	Reverse creep
	Reverse gear setting
	Serial number
	Shift point calibration
	Shift response
	Speed control
	Split shaft PTO
	Startup gear setting
	Transmission orientation
	Viscous fan
VM EDC17 Euro 6	VIN writing
	Oxidation catalyst data reset
ISUZU Eu6 SCR	SCR catalyst data reset
	SS. Salarjot data recet

SYSTEMS	FUNCTIONS
FORD Power Stroke 6.7 ABS Type1	Modify configuration
FORD Power Stroke 6.7 ABS Type2	Interactive vehicle dynamics initialization sequence
TOTAL OWER GROVE O.T ADD TYPEZ	Engine brake management
MERCEDES ADM Adaptation module	Maximum vehicle speed
	Calibration
SCANIA FLC1 Front camera	Camera calibration
	Calibration
SCANIA DIS2 Distance sensor	Radar sensor calibration
	Idle shutdown enable
	Idle shutdown timer adjustment
DODGE RAM 6.7 TD Only	PTO speed adjustment
	Reset DOC after-treatment overtemperature events
	Camera calibration (special vehicle)
Mercedes Sprinter Multifunction Camera ACC-LDW	Camera calibration (special vehicle)  Camera calibration (standard vehicle)
IVECO Eurocargo ABS WABCO E4.5/E8	Calibration of the ESP sensors
IVECO Eurocargo ABS WABCO E4.3/E6	Acceleration pedal pulse output frequency
	Accelerator limiter
	Accessories relay diagnostics
	Accessory relay
	Activate maximum light circuit when engine is turned off
	Activating maximum light circuit when any door is opened
	Activating resting light circuit when any door is opened
	Activating resting light circuit when engine is turned off
	Activating resting light circuit when maximum mode is commanded
	Adjustable vehicle speed limiter
	Allow gear 12 with split box
	Alternative starter gear
	Application network generic extra lighting 6 timer
	Approach light
	Automatic lowering duration parameter
	Automatic neutral
	Automatic neutral brake pedal position threshold
	Automatic neutral engine speed control coupled
	Automatic neutral gear lever deactivation selectable
VOLVO Version 4 Special parameterizations	Automatic neutral move direction selection
	Automatic neutral output feedback
	Automatic neutral park brake status
	Automatic neutral threshold maximum vehicle speed
	Automatic traction control, front wheel drive disengagement timeout
	Automatic traction control, maximum axle speed difference for front wheel drive activation
	Automatic traction control, minimum axle speed difference for front wheel drive activation
	Auxiliary bodybuilder switch 1
	Auxiliary bodybuilder switch 1 - activation maximum vehicle speed
	Auxiliary bodybuilder switch 1 - allow delayed activation
	Auxiliary bodybuilder switch 1 - auto deactivation vehicle speed
	Auxiliary bodybuilder switch 1 - auto engine off timeout deactivation
	Auxiliary bodybuilder switch 1 - auto timeout deactivation
	Auxiliary bodybuilder switch 1 - enable accessory
	Auxiliary bodybuilder switch 1 - enable living
	Auxiliary bodybuilder switch 1 - enable maintained cranking
	Auxiliary bodybuilder switch 2
	Auxiliary bodybuilder switch 2 - activation maximum vehicle speed
	Auxiliary bodybuilder switch 2 - allow delayed activation
VOLVO Version 4 Special parameterizations	Auxiliary bodybuilder switch 2 - auto deactivation vehicle speed

Auxiliary bodybuilder switch 2 - auto engine off timeout deactivation Auxiliary bodybuilder switch 2 - auto timeout deactivation Auxiliary bodybuilder switch 2 - enable accessory Auxiliary bodybuilder switch 2 - enable living Auxiliary bodybuilder switch 2 - enable maintained cranking Auxiliary bodybuilder switch 3 Auxiliary bodybuilder switch 3 - activation maximum vehicle speed Auxiliary bodybuilder switch 3 - allow delayed activation Auxiliary bodybuilder switch 3 - auto deactivation vehicle speed Auxiliary bodybuilder switch 3 - auto engine off timeout deactivation Auxiliary bodybuilder switch 3 - auto timeout deactivation Auxiliary bodybuilder switch 3 - enable accessory Auxiliary bodybuilder switch 3 - enable living Auxiliary bodybuilder switch 3 - enable maintained cranking Auxiliary bodybuilder switch 4 Auxiliary bodybuilder switch 4 - activation maximum vehicle speed Auxiliary bodybuilder switch 4 - allow delayed activation Auxiliary bodybuilder switch 4 - auto deactivation vehicle speed Auxiliary bodybuilder switch 4 - auto engine off timeout deactivation Auxiliary bodybuilder switch 4 - auto timeout deactivation Auxiliary bodybuilder switch 4 - enable accessory Auxiliary bodybuilder switch 4 - enable living Auxiliary bodybuilder switch 4 - enable maintained cranking Auxiliary bodybuilder switch 5 Auxiliary bodybuilder switch 5 - activation maximum vehicle speed Auxiliary bodybuilder switch 5 - allow delayed activation Auxiliary bodybuilder switch 5 - auto deactivation vehicle speed VOLVO Version 4 Special parameterizations Auxiliary bodybuilder switch 5 - auto engine off timeout deactivation Auxiliary bodybuilder switch 5 - auto timeout deactivation Auxiliary bodybuilder switch 5 - enable accessory Auxiliary bodybuilder switch 5 - enable living Auxiliary bodybuilder switch 5 - enable maintained cranking Auxiliary bodybuilder switch 6 Auxiliary bodybuilder switch 6 - activation maximum vehicle speed Auxiliary bodybuilder switch 6 - allow delayed activation Auxiliary bodybuilder switch 6 - auto deactivation vehicle speed Auxiliary bodybuilder switch 6 - auto engine off timeout deactivation Auxiliary bodybuilder switch 6 - auto timeout deactivation Auxiliary bodybuilder switch 6 - enable accessory Auxiliary bodybuilder switch 6 - enable living Auxiliary bodybuilder switch 6 - enable maintained cranking Auxiliary switch 1 activates bodybuilder main supply Auxiliary switch 2 activates bodybuilder main supply Auxiliary switch 3 activates bodybuilder main supply Auxiliary switch 4 activates bodybuilder main supply Auxiliary switch 5 activates bodybuilder main supply Auxiliary switch 6 activates bodybuilder main supply Basic follow up tool BBM analog source for engine speed target value BBM analog source for free display value 1 BBM analog source for free display value 2 BBM analog source for programmable logic BBM digital inputs filtering time BBM frequency PWM source for programmable logic value BBM frequency/PWM source for engine speed target value

BBM frequency/PWM source for free display value Beacon light Beacon light PTO 1 control Beacon light PTO 2 control Beacon light PTO 3 control Beacon light PTO 4 control Beacon lights, deactivation condition Beacon warning lamps/roof position light relay open circuit diagnostics Body builder module pulse output 1 configuration Body builder module pulse output 2 configuration Body builder network Body builder road speed limit 2, enabled Body builder road speed limit 2, trigger inhibited above limit Body builder road speed limit 2, value Body builder road speed limit 3, enabled Body builder road speed limit 3, trigger inhibited above limit Body builder road speed limit 3, value Body builder road speed limit custom Body builder road speed limit, disabled above limit Body builder road speed limit, enabled Body builder road speed limit, enabled above limit Body builder road speed limit, value Body builder RSL, body builder network command Body builder RSL, digital command Body builder second driver interface RSL, enabled Body builder second driver interface RSL, value Body builder, reduction level **VOLVO Version 4 Special parameterizations** Body/Cab working light Body/Cab working light, deactivation criteria Bodybuilder accelerator pedal deactivation threshold Bodybuilder access to accelerator pedal function Bodybuilder equipment text Bodybuilder general equipment 1 display feedback Bodybuilder general equipment 2 display feedback Bodybuilder general equipment 3 display feedback Bodybuilder general equipment 4 display feedback Bodybuilder general equipment 5 display feedback Brake start pressure for trailer Cab body working lamps open circuit diagnostics CDC (Comfort Drive Control) Changing to secondary accelerator pedal Changing to secondary accelerator pedal, parking brake applied condition Chassis working light function Chassis working light, deactivation criteria Clutch 1 filling time Clutch 1 spring pressure Clutch 2 filling time Clutch 2 spring pressure Clutch 3 filling time Clutch 3 spring pressure Clutch 4 filling time Clutch 4 spring pressure Clutch F filling time Clutch F spring pressure Clutch R filling time

Clutch R spring pressure Container unlock or slidable fifth wheel Container unlock or slidable fifth wheel, activation filter time Container unlock or slidable fifth wheel, activation speed threshold Container unlock or slidable fifth wheel, deactivation speed threshold Coolant pump always on full speed Cross country road speed limit Cross-Country cruise control function Cruise control Cruise control and adjustable speed limit, keep last value Cruise control brake Cruise control maximum speed Cruise control minimum speed Cruise control, deactivation speed Cruise control, enable underspeed during I-Roll Cruise control, minimum resume speed Cruise control, personal settings Customer data fleet identifier Customer shutdown for coolant temperature Customer shutdown for oil pressure Day running light inhibition Day running light inhibition vehicle speed threshold Daytime running light inhibition function controlled by PTO 1 Daytime running light inhibition function controlled by PTO 2 Daytime running light inhibition function controlled by PTO 3 Daytime running light inhibition function controlled by PTO 4 Daytime running lights **VOLVO Version 4 Special parameterizations** Deadzone on control error, EBS Differentiated RSL Differentiated RSL, maximum VSPD next highest gear Differentiated RSL, transmission ratio highest gear Differentiated RSL, transmission ratio next highest gear Dimming mode for maximum light circuit Dimming mode for night light circuit Dimming mode for resting light circuit Electronic parking brake function, automatic parking brake release Enable engine speed limit at zero vehicle speed and no parking brake Enable maximum maximum light intensity when maximum mode is requested Engine idle, target speed Engine oil degradation maintenance monitor **Engine Running Relay** Engine speed control auto activation by PTO Engine speed control auto activation by PTO authorization condition Engine speed control auto neutral default target engine speed Engine speed control brake entry condition for cross country mode Engine speed control brake entry condition for mode 0 (no PTO) Engine speed control brake entry condition for mode 1/PTO 1 Engine speed control brake entry condition for mode 2/PTO 2 Engine speed control brake entry condition for mode 3/PTO 3 Engine speed control brake entry condition for mode 4/PTO 4 Engine speed control brake exit condition for cross country mode Engine speed control brake exit condition for mode 0 (no PTO) Engine speed control brake exit condition for mode 1/PTO 1 Engine speed control brake exit condition for mode 2/PTO 2 Engine speed control brake exit condition for mode 3/PTO 3

**FUNCTIONS** Engine speed control brake exit condition for mode 4/PTO 4 Engine speed control brake suspend enabled Engine speed control cab Engine speed control cab access deactivation enabled Engine speed control chassis Engine speed control clutch pedal entry condition for cross country mode Engine speed control clutch pedal entry condition for mode 0 (no PTO) Engine speed control clutch pedal entry condition for mode 1/PTO 1 Engine speed control clutch pedal entry condition for mode 2/PTO 2 Engine speed control clutch pedal entry condition for mode 3/PTO 3 Engine speed control clutch pedal entry condition for mode 4/PTO 4 Engine speed control deactivation by PTO disengaged Engine speed control default target engine speed for speed selector 0 - cross country mode Engine speed control default target engine speed for speed selector 0 - mode 0 Engine speed control default target engine speed for speed selector 0 - mode 1/ Engine speed control default target engine speed for speed selector 0 - mode 2/ Engine speed control default target engine speed for speed selector 0 - mode 3/ Engine speed control default target engine speed for speed selector 0 - mode 4/ Engine speed control default target engine speed for speed selector 1 - cross country mode Engine speed control default target engine speed for speed selector 1 - mode 0 Engine speed control default target engine speed for speed selector 1 - mode 1/ Engine speed control default target engine speed for speed selector 1 - mode 2/ VOLVO Version 4 Special parameterizations Engine speed control default target engine speed for speed selector 1 - mode 3/ Engine speed control default target engine speed for speed selector 1 - mode 4/ Engine speed control default target engine speed for speed selector 2 - cross country mode Engine speed control default target engine speed for speed selector 2 - mode 0 (no PTO) Engine speed control default target engine speed for speed selector 2 - mode 1/ **PT01** Engine speed control default target engine speed for speed selector 2 - mode 2/ Engine speed control default target engine speed for speed selector 2 - mode 3/ Engine speed control default target engine speed for speed selector 2 - mode 4/ Engine speed control default target engine speed for speed selector 3 - cross country mode Engine speed control default target engine speed for speed selector 3 - mode 0 Engine speed control default target engine speed for speed selector 3 - mode 1/ Engine speed control default target engine speed for speed selector 3 - mode 2/ Engine speed control default target engine speed for speed selector 3 - mode 3/ Engine speed control default target engine speed for speed selector 3 - mode 4/ Engine speed control entry exit condition evaluation Engine speed control external engine speed limit Engine speed control external engine torque limit Engine speed control gearbox neutral entry condition for cross country mode

Engine speed control gearbox neutral entry condition for mode 0 (no PTO) Engine speed control gearbox neutral entry condition for mode 1/PTO 1 Engine speed control gearbox neutral entry condition for mode 2/PTO 2 Engine speed control gearbox neutral entry condition for mode 3/PTO 3 Engine speed control gearbox neutral entry condition for mode 4/PTO 4 Engine speed control general maximum target engine speed Engine speed control general minimum target engine speed Engine speed control general ramp down rate Engine speed control general ramp up rate Engine speed control general step down size Engine speed control general step up size Engine speed control PTO 1 maximum torque limit Engine speed control PTO 1 ramp down rate Engine speed control PTO 1 ramp up rate Engine speed control PTO 1 step down size Engine speed control PTO 1 step up size Engine speed control PTO 1, maximum engine speed Engine speed control PTO 1, minimum engine speed Engine speed control PTO 2 maximum torque limit Engine speed control PTO 2 ramp down rate Engine speed control PTO 2 ramp up rate Engine speed control PTO 2 step down size Engine speed control PTO 2 step up size Engine speed control PTO 2, maximum engine speed Engine speed control PTO 2, minimum engine speed Engine speed control PTO 3 maximum torque limit Engine speed control PTO 3 ramp down rate **VOLVO Version 4 Special parameterizations** Engine speed control PTO 3 ramp up rate Engine speed control PTO 3 step down size Engine speed control PTO 3 step up size Engine speed control PTO 3, maximum engine speed Engine speed control PTO 3, minimum engine speed Engine speed control PTO 4 maximum torque limit Engine speed control PTO 4 ramp up rate Engine speed control PTO 4 step down size Engine speed control PTO 4 step up size Engine speed control PTO 4, maximum engine speed Engine speed control PTO 4, minimum engine speed Engine speed control step to ramp time Engine speed control toggle target engine speed feature Engine speed control vehicle speed entry condition for cross country mode Engine speed control vehicle speed entry condition for mode 0 (no PTO) Engine speed control vehicle speed entry condition for mode 1/PTO 1 Engine speed control vehicle speed entry condition for mode 2/PTO 2 Engine speed control vehicle speed entry condition for mode 3/PTO 3 Engine speed control vehicle speed entry condition for mode 4/PTO 4 Engine speed control vehicle speed exit condition for cross country mode Engine speed control vehicle speed exit condition for mode 0 (no PTO) Engine speed control vehicle speed exit condition for mode 1/PTO 1 Engine speed control vehicle speed exit condition for mode 2/PTO 2 Engine speed control vehicle speed exit condition for mode 3/PTO 3 Engine speed control vehicle speed exit condition for mode 4/PTO 4 Engine speed control, clutch pedal exit condition for cross country mode Engine speed control, clutch pedal exit condition for mode 0 (no PTO) Engine speed control, clutch pedal exit condition for mode 1/PTO 1 **VOLVO Version 4 Special parameterizations** 

Engine speed control, clutch pedal exit condition for mode 2/PTO 2 Engine speed control, clutch pedal exit condition for mode 3/PTO 3 Engine speed control, clutch pedal exit condition for mode 4/PTO 4 Engine speed control, gearbox neutral exit condition for cross country mode Engine speed control, gearbox neutral exit condition for mode 0 (no PTO) Engine speed control, gearbox neutral exit condition for mode 1/PTO 1 Engine speed control, gearbox neutral exit condition for mode 2/PTO 2 Engine speed control, gearbox neutral exit condition for mode 3/PTO 3 Engine speed control, gearbox neutral exit condition for mode 4/PTO 4 Engine speed control, PTO priority Engine speed control, single wire activation Engine speed limiter OFF time, hour Engine speed limiter OFF time, minutes Engine speed limiter ON time, hour Engine speed limiter ON time, minutes Engine speed mode 1 level triggered Engine speed mode 1, deactivation time Engine speed mode 2 level triggered Engine speed mode 3 level triggered Engine speed mode 4 level triggered Engine speed pulse output frequency factor Engine start inhibit by an active PTO Engine start inhibit from wing switch Engine start remote inhibit Engine start safety mode during engine crank Engine torque pulse output frequency ESC body builder network **VOLVO Version 4 Special parameterizations** ESC chassis maximum engine speed when input limit ESC chassis maximum engine torque when input limit ESC chassis target from hardware input ESC engine speed target from hardware input maximum ESC engine speed target from hardware input minimum ESC modes priority Extra light, roof spotlights Extra lighting beacon warning body builder Extra lighting beacon warning body builder digital command Extra lighting beacon warning body builder network command Extra lighting cabin body working lights body builder Extra lighting extra side working lights body builder Extra lighting hazard warning body builder Extra lighting hazard warning body builder digital input command Extra lighting hazard warning body builder network command Extra lighting horn Extra lighting horn body builder network command Extra lighting horn digital input command Extra lighting plough lamp function Extra lighting plough lamps vehicle speed Extra lighting trailer body lighting body builder Extra lighting working lights chassis body builder Extra lighting, convoy lights Extra main beam in roof sign Extra main beam in roof sign, activation requires rocker switch Extra rear fog light Extra rear position lights Extra side working light

Extra sidemarkers link to position lights Extra spot lamps roof/roof triangle power relay open circuit diagnostics Fifth wheel sensor Fog light front button memorization Force reverse inhibit on vehicle immobilization Frequency/PWM source for accelerator pedal sensor 1 Frequency/PWM source for accelerator pedal sensor 2 Front extra spot lamps open circuit diagnostics Front fog lights Front spot lights Front wheel drive roller bench mode Front wheel drive, engagement diagnostic Fuel consumption Gear 12 splitbox torque limit Gear selector warnings activation Gearbox, key interlock handler Gearbox, secondary gear lever, parking brake condition Headlamp cleaner Headlamp cleaner switch off Highest start gear in automatic mode Highest start gear in manual mode Hill start aid (HSA) autoneutral slope condition Idle shutdown ambient temperature validation Idle shutdown disable high engine percent load/engine speed control condition enable Idle shutdown disable on parkbrake condition enable Idle shutdown disable when high engine percent load condition enable Idle shutdown disable with active PTO 1 condition enable VOLVO Version 4 Special parameterizations Idle shutdown disable with active PTO 2 condition enable Idle shutdown disable with active PTO 3 condition enable Idle shutdown disable with active PTO 4 condition enable Idle shutdown function enable Idle shutdown idle timer Idle shutdown maximum ambient temperature threshold Idle shutdown maximum engine temperature threshold Idle shutdown minimum ambient temperature threshold Idle shutdown permanent override Idle shutdown warm-up condition enable Idle shutdown warm-up temperature threshold Idle shutdown warning time Idle speed, minimum value Ignition relay Ignore transmission secured condition for engine start Immobilization inhibition enabled parameter Inhibit gear engaged Inhibit gear engaged park brake condition Inhibit gear engaged vehicle speed threshold activation Inhibit primary acceleration pedal when PTO 0 Inhibit primary acceleration pedal when PTO 1 Inhibit primary acceleration pedal when PTO 2 Inhibit primary acceleration pedal when PTO 3 Inhibit primary acceleration pedal when PTO 4 Inhibit reverse lever neutral status for deactivation Inhibit start request when tail lift enabled Injector cylinder 1

SYSTEMS	FUNCTIONS
	Injector galindar 2
	Injector cylinder 2
	Injector cylinder 3
	Injector cylinder 4
	Injector cylinder 5
	Injector cylinder 6
	K factor
	Lighting off (military)
	Living to parked delivered, timeout
	Low Beam always active
	Low speed trailer brake pressure
	Main battery maintenance monitor, external tool battery type
	Main beam inhibition request value
	Mapping table for the rain sensor adjustment selection
	Maximum allowed idle engine speed when warm-up functionality is enabled  Maximum engine speed with active engine speed limiter
	Maximum light, circuit 2
	Maximum night, circuit 2
	Maximum mode  Maximum night light intensity
	Maximum Vehicle Speed (Customer)
	Maximum Vehicle Speed (OEM)
	Maximum vehicle speed (OEM)  Maximum vehicle speed with pedal
	Minimum DPF inhibit target speed limit
	Mirror heating, timeout value
	Night mode
	Number of flashes for the automatic sequence
	Number of reverse gears
	Offset from vehicle speed for calculating DPF inhibit speed
VOLVO Version 4 Special parameterizations	Oil quality
	Oil status
	Parking brake status entry condition for day running light inhibition
	Parking/Marking position light open circuit diagnostics
	Power supply relay 2 timeout
	Power supply relay 4 timeout
	Powertrain warning list status
	Powertrain warning status, coolant level low
	Powertrain warning status, coolant temperature high
	Powertrain warning status, crankcase pressure high
	Powertrain warning status, engine oil temperature high
	Powertrain warning status, engine speed
	Powertrain warning status, oil level low
	Powertrain warning status, oil pressure low
	Powertrain warning status, transmission oil temperature high
	Powertrain warning status, water in fuel alarm
	Preset level in percent for the driveline retarder preset level 1 when axle load not
	considered
	Preset level in percent for the driveline retarder preset level 1 when fully loaded
	Preset level in percent for the driveline retarder preset level 1 when unloaded
	Preset level in percent for the driveline retarder preset level 2 when axle load not considered
	Preset level in percent for the driveline retarder preset level 2 when fully loaded
	Preset level in percent for the driveline retarder preset level 2 when unloaded
	Preset level in percent for the driveline retarder preset level 3 when axle load not considered
	Preset level in percent for the driveline retarder preset level 3 when fully loaded  Preset level in percent for the driveline retarder preset level 3 when unloaded

**FUNCTIONS** Preset level in percent for the driveline retarder preset level 4 when axle load not considered Preset level in percent for the driveline retarder preset level 4 when fully loaded Preset level in percent for the driveline retarder preset level 4 when unloaded Preset level in percent for the driveline retarder preset level 5 when axle load not considered Preset level in percent for the driveline retarder preset level 5 when fully loaded Preset level in percent for the driveline retarder preset level 5 when unloaded Preset level in percent for the engine retarder preset level 1 when axle load not Preset level in percent for the engine retarder preset level 1 when fully loaded Preset level in percent for the engine retarder preset level 1 when unloaded Preset level in percent for the engine retarder preset level 2 when axle load not Preset level in percent for the engine retarder preset level 2 when fully loaded Preset level in percent for the engine retarder preset level 2 when unloaded Preset level in percent for the engine retarder preset level 3 when axle load not considered Preset level in percent for the engine retarder preset level 3 when fully loaded Preset level in percent for the engine retarder preset level 3 when unloaded Preset level in percent for the engine retarder preset level 4 when axle load not considered Preset level in percent for the engine retarder preset level 4 when fully loaded Preset level in percent for the engine retarder preset level 4 when unloaded Preset level in percent for the engine retarder preset level 5 when axle load not considered Preset level in percent for the engine retarder preset level 5 when fully loaded Preset level in percent for the engine retarder preset level 5 when unloaded Programmable logic, analog input hysteresis margin Programmable logic, analog input hysteresis threshold **VOLVO Version 4 Special parameterizations** Programmable logic, battery voltage hysteresis margin Programmable logic, battery voltage hysteresis threshold Programmable logic, current gear hysteresis margin 1 Programmable logic, current gear hysteresis margin 2 Programmable logic, frequency or PWM input hysteresis margin Programmable logic, frequency or PWM input hysteresis threshold Programmable logic, fuel level hysteresis margin Programmable logic, fuel level hysteresis threshold PTO 1 activation condition, maximum engine speed PTO 1 activation condition, maximum vehicle speed PTO 1 activation from cab PTO 1 activation from remote request PTO 1 air pressure condition when entry PTO 1 brake condition when entry PTO 1 clutch condition PTO 1 consent from gearbox enabled PTO 1 control of the hazard warning PTO 1 cross country at PTO activation PTO 1 deactivation condition, maximum output shaft speed threshold PTO 1 exit on brake condition PTO 1 exit on neutral condition PTO 1 function PTO 1 gearbox split condition PTO 1 hardware input PTO 1 interfaces PTO 1 minimum engine speed when entry PTO 1 neutral condition when entry

PTO 2 activation condition, maximum engine speed PTO 2 activation condition, maximum vehicle speed PTO 2 activation from cab PTO 2 activation from remote request PTO 2 air pressure condition when entry PTO 2 brake condition when entry PTO 2 clutch condition PTO 2 condition, PTO 1 active first PTO 2 consent from gearbox enabled PTO 2 control of the hazard warning PTO 2 cross country at PTO activation PTO 2 deactivation condition, maximum output shaft speed threshold PTO 2 exit on brake condition PTO 2 exit on neutral condition PTO 2 exit when PTO 1 inactive PTO 2 function PTO 2 gearbox split condition PTO 2 hardware input PTO 2 interfaces PTO 2 minimum engine speed when entry PTO 2 neutral condition when entry PTO 3 activation condition, maximum engine speed PTO 3 activation condition, maximum vehicle speed PTO 3 activation from cab PTO 3 activation from remote request PTO 3 air pressure condition when entry PTO 3 brake condition when entry PTO 3 clutch condition **VOLVO Version 4 Special parameterizations** PTO 3 control of the hazard warning PTO 3 cross country at PTO activation PTO 3 deactivation condition, maximum output shaft speed threshold PTO 3 exit on brake condition PTO 3 exit on neutral condition PTO 3 gearbox split condition PTO 3 hardware input PTO 3 interfaces PTO 3 minimum engine speed when entry PTO 3 neutral condition when entry PTO 4 activation condition, maximum engine speed PTO 4 activation condition, maximum vehicle speed PTO 4 activation from cab PTO 4 activation from remote request PTO 4 air pressure condition when entry PTO 4 brake condition when entry PTO 4 clutch condition PTO 4 control of the hazard warning PTO 4 cross country at PTO activation PTO 4 deactivation condition, maximum output shaft speed threshold PTO 4 exit on brake condition PTO 4 exit on neutral condition PTO 4 gearbox split condition PTO 4 hardware input PTO 4 interfaces PTO 4 minimum engine speed when entry PTO 4 neutral condition when entry

PTO connection for crane supply PTO governor gradient PTO through driveshaft PTO torque request PT01 feedback configuration PTOs body builder network Rain sensor, sensitivity level Rear fog lights Refrigerator Refrigerator relay timeout Remote control of gearbox Remote enable condition Remote engine start Remote engine stop Remote park brake inhibition by digital command Remote start Remote Start-Stop inhibit control commands Remote stop Remote suspension alternate load distribution Remote suspension body builder network command Remote suspension digital command Remote suspension inhibit regulation Remote suspension kneeling Remote suspension speed dependant drive level Resting light, circuit 2 Resting mode Reverse inhibit enabled Reverse inhibit request commands **VOLVO Version 4 Special parameterizations** Road speed limit for PTO 1 Road speed limit for PTO 2 Road speed limit for PTO 3 Road speed limit for PTO 4 Roof light sign relay and fuse diagnostics Roof light sign/custom parking lights Roof light sign/roof triangle open circuit diagnostics Roof triangle Roof triangle activation, maximum vehicle speed Roof triangle engine off timeout value Secondary accelerator pedal interface request source Secondary tail gate mechanism Secondary tipper body Shake duration parameter Shaker commands Side markers light output activation Side markers regular or extra Side reverse working lights open circuit diagnostics Soft cruise Speed limit: Maximum Vehicle Speed (Customer) Speed limit: Maximum Vehicle Speed (OEM) Split gear for transmission PTO 1 Split gear for transmission PTO 2 Start gear depend on ECS manual control mode Start gear with splitbox Static corner lights, with steering wheel activation Static cornering light

SYSTEMS	FUNCTIONS
	Static cornering light condition, activation by reverse gear
	Static trailer brake activation pressure limit
	Tail gate mechanism
	Tail gate PTO condition
	Tail lift activation time
	Tail lift linked to park brake condition
	Tail lift motion function
	Tail lift motion park brake condition
	Tail lift/crane
	Tarpaulin commands
	Time control engine speed limiter
	Tipper body inhibit timer
	Tipper chassis emergency stop
	Tipper function
	Tipper tarpaulin close, in relation to vehicle speed
	Tipper tarpaulin open, in relation to vehicle speed
	Torque protection limit gearbox PTO
	Towing vehicle brake performance factor
	Trailer body lamps open circuit diagnostics
	Trailer body light
	Trailer body light, chassis command
	Trailer body light, deactivation criteria
VOLVO Version 4 Special parameterizations	Trailer body light, engine off, extended timeout value
	Trailer body lighting relay and fuse diagnostics
	Transfer case or splitbox PTO
	Transmission automatic pedal gear, enable manual adjustment
	Transmission declutch
	Transmission declutch pressure level 1
	Transmission declutch pressure level 2
	Transmission declutch pressure level 3
	Transmission declutch pressure level 4
	Transmission declutch speed limit
	Transmission performance mode
	Transmission protective downshift
	Tyre pressure monitor system, hazard request, enable
	Tyre size
	VEGA light synchronization with position light
	Vehicle delivery mode
	Vehicle modes PTOs disengagement
	Vehicle speed pulse VMCU
	Vehicle speed threshold for customer overspeed logging
	Vehicle state information to bodywork
	Warm hold
	Working lights deactivation with key
Isuzu Eu6 Diesel Injection 4JJ1	VIN code
	Axle weight calibration
VAN HOOL Suspensions Knorr ELC	Parameters setting: load from ECU
	Parameters setting: write to ECU
MERCEDES CLCS Suspensions	Kneeling level calibration
	Level calibration
	Preliminary level calibration
Knorr ACC-LDW	Radar calibration
MAN Eu6 (MFC) Multi-function camera	Camera calibration
MERCEDES Anti theft system	Reset alarm sources
BENDIX ABS PLC	ABS configuration
	1

SYSTEMS	FUNCTIONS
	Tool :
MERCEDES/SETRA EBS Euro 6	ESP learning
	Reset of the "Error memory" function
IVECO Radar AEBS ARS327	Counters reset
	On-road calibration
	Maximum Vehicle Speed (Customer)
DETROIT Network system	Maximum Vehicle Speed (OEM)
	VIN synchronization
Battery Management MGL	Real time clock (RTC)
	Serial number
	Counters reset
Door Management s8 bus	Manoeuvre reset
	Riprogramming of the central control unit
PACCAR Cabin module	Drive train configuration
	Cruise control: Maximum speed
DODGE RAM Cummins 2016	Enable idle shutdown
3555210000000000000000000000000000000000	Idle shutdown timer adjustment
	Maximum vehicle speed
	ABS shutdown during differential lock
	ATC configuration
BENDIX ABS Wheel anti-lock system	Drive axle tire size calibration
	ESP configuration
	Steering axle tire size calibration
	Gearbox max braking torque
	Gearbox/power transfer unit type
	Idle engine revolutions
	Immobilizer initialization
Mercedes FR Vehicle-engine ECU	Range of use
	Speed variable limitation
	Torque limitation acc. to gear
	Vehicle type
	Configuration data reading
	Parameters setting: load from ECU
REXROTH RC4-5	Parameters setting: write to ECU
	Parameters with Processdata
	Programming: ECU memory deletion
Reprogramming REXROTH 2/21	Programming: write in the ECU
	Edit configuration parameters
	Parameters setting: load from ECU
Body computer i8	Parameters setting: write to ECU
	Programming: write in the ECU
	Language Configuration
IFM WC/Basic Display	
IEM II Pridge	Programming: write in the ECU
IFM H-Bridge	Programming: write in the ECU
GMC Duramax Body Computer	Add key fobs (next available slot)
	Erase/Program all key fobs
	Replace key fob
E-Drive reprogramming inverter  MAN Tipmatic TraXon	Programming: write in the ECU
	Control unit replacement
	Gearbox replacement
	Slope sensor calibration
MAN Euro 6 Tipmatic	Inclination sensor calibration
	New ECU installation
	Used ECU installation
GMC Duramax ABS	Steering wheel angle sensor learn
	Yaw rate sensor calibration

SYSTEMS	FUNCTIONS
GMC Duramax ABS	Yaw rate sensor learn
MGL Reprogramming	Programming: write in the ECU
MAN Wabco EBS 2	Steering angle and yaw rate sensor calibration
BOSCH MS 6.4	Parametrisation
	Programming: read from the ECU
SCANIA EAS2 Reprogramming	Programming: recovery function
	Programming: write in the ECU
	Recovery function
	ASR braking force
	Brakes
	Driving dynamic adjustment
	Driving dynamic control/Steering angle sensor
	EBS system
	ESP initialization process
	Failure memory bit clearing
MERCEDES BS/EPB (EBS) Brakes control ACTROS MPII	Series check
	Stability control key
	Steering angle sensor
	Trailer advance
	Transducer characteristic trend, brake value
	Vehicle type
	Wheel brake stress indication
	Wheel circumference
	AdBlue metering unit replacement
	Catalyst replacement
	Crankcase pressure sensor replacement
	Differential Pressure Sensor replacement
	Engine replacement
	Exchange of particulate filter
	Injector replacement
	Oil change
IVECO EDC17CV41 Eu6	Particulate filter regeneration
	Rail pressure regulating valve replacement
	Rail pressure sensor replacement
	Regeneration counter reset
	Replacement of the battery
	Replacement of the NOx sensor downstream of the catalsyt
	Replacement of the NOx sensor upstream of the catalsyt
	Smart alternator replacement
	Calibration of the acceleration sensors
	Configuration transfer
	Kneeling level calibration
	Level sensor calibration
	Level sensor calibration (to 3 levels)
WABCO ECAS CAN	Parameters setting: load from ECU
SCANIA APS2 Compressed air power supply	Parameters setting: load from Exchange Manager\in
	Parameters setting: save to Exchange Manager\out
	Parameters setting: write to ECU
	Pressure sensor calibration
	Desiccant container replacement
	Maximum Vehicle Speed (Customer)
SCANIA (TMS2) Transmission Control Unit	Maximum Vehicle Speed (OEM)
	Parameters setting: load from ECU
EBS KNORR GENERATION 1	Parameters setting: write to ECU
	Special parameterizations
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SYSTEMS	FUNCTIONS
Paccar Cabin module Reprogramming	Programming: write in the ECU
MAN TGE/VOLKSWAGEN Crafter Distance control system	Static calibration of the front radar (ACC system)
Iveco CAT Eurotronic 2	Power take off 1
	Power take off 2
	Power take off rpm audible warning
MAN TGE ACC-LDW	Front video camera calibration
	Engine inverter current sensor initialisation
MITSUBISHI FUSO Electric motor control module	Engine inverter voltage sensor initialisation
	Engine resolver initialisation
MERCEDES IBH Additional heating	CO2 settings of combustion air blower
	Parameters setting: load from ECU
Download Actia x VDL	Parameters setting: write to ECU
	Programming: write in the ECU
MERCEDES (SRR) Short range radar	Radar calibration
The Independent of the Index of	SRR-R Short range radar (master)
	Adaptive memory reset
	Adaptive numerator reset
	After-treatment trip information reset
	Auxiliary fuel filter enable
	Camshaft/Crankshaft relearn
	Duty cycle accumulators reset
	Engine runtime reset
DODGE BAM Third Congression Discool Injustion	Fuel adaptive values reset
DODGE RAM Third Generation Diesel Injection	Fuel shut-off reason reset
	Injector coding
	Minimum TPS reset
	NOx absorber counts reset
	Particulate filter regeneration
	Pressure limiting valve accumulators reset
	Regeneration counter reset
	Trip information accumulators reset
MERCEDES (CCC) Coach Communication Center	Country code selection
VDL Diagnosi CIPA	Edit configuration parameters
MERCEDES RDK Tyre pressure check	Parametrisation
	Configuration writing
VDL Diagnosis CAMU Network 3	Edit configuration parameters
	Parameter reading
VDO KIBES 2 Download	Programming: write in the ECU
	Front power take off on the engine
	Power take off
INS Combined instrument penal Astron 07	Power take off (NMV)
INS Combined instrument panel Actros 97	Power take off 1
	Power take off 2
	Rear power take off on the engine
	Power take off (NMV)
INS Combined instrument panel Actros MPII	Power take off 1
	Power take off 2
Iveco IBC Eurocargo Eu3	Edit configuration parameters
	Parameters setting: load from ECU
	Parameters setting: write to ECU
CUMMINS ENGINE EU4	Idle adaptation system
Allison Automatic Transmission	PTO parameters
Third Axle Mobil Elektronic	Configuration parameters
	Parameters setting: load from ECU
	Parameters setting: write to ECU
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SYSTEMS	FUNCTIONS
Mercedes GM Base module MPII	Power take off
Mercedes GM Base module MPII	Enabling PTO fixed value
	Idle rpm increase for PTO
	PTO fixed value
	PTO max rpm
EMP Vehicle engine ECLLAYORU/ATECOU	
FMR Vehicle-engine ECU AXORII/ATEGOII	PTO max torque
	Speed (rpm) limitation with vehicle stopped
	Speed limitation for PTO function
	Speed variable limitation
	Type of PTO regulator
WABCO MTS	Parameters setting: load from ECU
	Parameters setting: write to ECU
	Parameters setting: load from ECU
BOSCH REXROTH	Parameters setting: load from Exchange Manager\in
BOOK THE AND THE	Parameters setting: save to Exchange Manager\out
	Parameters setting: write to ECU
VDO KIBES 32 VANHOOL	Programming: write in the ECU
WARCO ATC	Parameters setting: load from ECU
WABCO ATC	Parameters setting: write to ECU
Wabco ABS VCSII	ECU configuration
	Catalyst replacement
IVECO EDC Bosch EDC 7 Uc31	Engine replacement
	AdBlue metering unit replacement
IVECO Noxtronic 2	AdBlue module replacement
	Parameters setting: load from ECU
Iveco Body computer 2 Stralis/trakker	Parameters setting: write to ECU
	Edit configuration parameters
Iveco IBC Eurocargo Eu5	Parameters setting: load from ECU
Tiveco ibo Eurocargo Eus	Parameters setting: write to ECU
	Idle shutdown
	Idle shutdown: Manual override
	Idle shutdown: Time before shutdown
	Maximum Vehicle Speed (Customer)
	Maximum Vehicle Speed (Global)
	Maximum Vehicle Speed (OEM)
	PTO options: Accelerator operation overriding the PTO
	PTO options: Accelerator operation overriding the PTO, maximum engine speed
	SAE J1939 Multiplexing
	SAE J1939 Multiplexing: Accelerator interlock switch
	SAE J1939 Multiplexing: Accelerator interlock switch address
	SAE J1939 Multiplexing: Accelerator pedal posizion/Idle validation switch
Cummins engine J1708	SAE J1939 Multiplexing: Accelerator pedal posizion/Idle validation switch address
	SAE J1939 Multiplexing: Air compressor switch
	SAE J1939 Multiplexing: Air compressor switch address
	SAE J1939 Multiplexing: Air conditioner pressure switch
	SAE J1939 Multiplexing: Air conditioner pressure switch address
	SAE J1939 Multiplexing: Auxiliary shutdown switch
	SAE J1939 Multiplexing: Auxiliary shutdown switch address
	SAE J1939 Multiplexing: Brake switch
	SAE J1939 Multiplexing: Brake switch address
	SAE J1939 Multiplexing: Clutch switch
	SAE J1939 Multiplexing: Clutch switch address
	SAE J1939 Multiplexing: Cruise on/off switch
	SAE J1939 Multiplexing: Cruise on/off switch address

SYSTEMS	FUNCTIONS
	SAE J1939 Multiplexing: Cruise resume switch
	SAE J1939 Multiplexing: Cruise resume switch address
	SAE J1939 Multiplexing: Cruise set switch
	SAE J1939 Multiplexing: Cruise set switch address
	SAE J1939 Multiplexing: Diagnostic switch
	SAE J1939 Multiplexing: Diagnostic switch address
	SAE J1939 Multiplexing: Engine brake switch
	SAE J1939 Multiplexing: Engine brake switch address
	SAE J1939 Multiplexing: Idle decrement switch
	SAE J1939 Multiplexing: Idle decrement switch address
	SAE J1939 Multiplexing: Idle increment switch
	SAE J1939 Multiplexing: Idle increment switch address
	SAE J1939 Multiplexing: Maintenance lamp
	SAE J1939 Multiplexing: Manual fan switch
Cummins engine J1708	SAE J1939 Multiplexing: Manual fan switch address
Curininis engine 31700	SAE J1939 Multiplexing: PTO on/off switch
	SAE J1939 Multiplexing: PTO on/off switch address
	SAE J1939 Multiplexing: PTO resume switch
	SAE J1939 Multiplexing: PTO resume switch address
	SAE J1939 Multiplexing: PTO set switch
	SAE J1939 Multiplexing: PTO set switch address
	SAE J1939 Multiplexing: Remote accelerator position/remote accelerator switch
	SAE J1939 Multiplexing: Remote accelerator position/remote accelerator switch address
	SAE J1939 Multiplexing: Remote PTO switch
	SAE J1939 Multiplexing: Remote PTO switch address
	SAE J1939 Multiplexing: Stop lamp
	SAE J1939 Multiplexing: Torque derate switch
	SAE J1939 Multiplexing: Torque derate switch address
	SAE J1939 Multiplexing: Warning lamp
WABCO EBS-ESP Bus	Parameters setting: load from ECU
	Parameters setting: write to ECU
	Advanced settings for bodybuilders
	PTO advanced settings
	PTO deactivation
Iveco VCM Immobilizer	PTO personalized settings
	PTO settings for Cruise Control keys
	PTO settings for torque curve
	PTO standard settings
MERCEDES Sprinter CDI4	Max speed limit
Cummins engine Core 1	Idle adaptation system
	Idle shutdown
	Idle shutdown: Manual override
	Idle shutdown: Time before shutdown
	Maximum Vehicle Speed (Customer)
	Maximum Vehicle Speed (OEM)
	Particulate filter regeneration
	PTO options: Accelerator operation overriding the PTO
	PTO options: Accelerator operation overriding the PTO, maximum engine speed
	SAE J1939 Multiplexing
	SAE J1939 Multiplexing: Accelerator interlock switch
	SAE J1939 Multiplexing: Accelerator interlock switch address
	SAE J1939 Multiplexing: Accelerator pedal posizion/Idle validation switch
	SAE J1939 Multiplexing: Accelerator pedal posizion/Idle validation switch address
	SAE J1939 Multiplexing: Air compressor switch

SYSTEMS	FUNCTIONS
	SAE J1939 Multiplexing: Air compressor switch address
	SAE J1939 Multiplexing: Air conditioner pressure switch
	SAE J1939 Multiplexing: Air conditioner pressure switch address
	SAE J1939 Multiplexing: Auxiliary shutdown switch
	SAE J1939 Multiplexing: Auxiliary Shutdown switch address
	SAE J1939 Multiplexing: Brake switch
	SAE J1939 Multiplexing: Brake switch address
	SAE J1939 Multiplexing: Clutch switch
	SAE J1939 Multiplexing: Clutch switch address
	SAE J1939 Multiplexing: Cruise on/off switch
	SAE J1939 Multiplexing: Cruise on/off switch address
	SAE J1939 Multiplexing: Cruise resume switch
	SAE J1939 Multiplexing: Cruise resume switch address
	SAE J1939 Multiplexing: Cruise set switch
	SAE J1939 Multiplexing: Cruise set switch address
	SAE J1939 Multiplexing: Diagnostic switch
	SAE J1939 Multiplexing: Diagnostic switch address
	SAE J1939 Multiplexing: Engine brake switch
	SAE J1939 Multiplexing: Engine brake switch address
	SAE J1939 Multiplexing: Idle decrement switch
Cummins engine Core 1	SAE J1939 Multiplexing: Idle decrement switch address
	SAE J1939 Multiplexing: Idle increment switch
	SAE J1939 Multiplexing: Idle increment switch address
	SAE J1939 Multiplexing: Maintenance lamp
	SAE J1939 Multiplexing: Manual fan switch
	SAE J1939 Multiplexing: Manual fan switch address
	SAE J1939 Multiplexing: PTO on/off switch
	SAE J1939 Multiplexing: PTO on/off switch address
	SAE J1939 Multiplexing: PTO resume switch
	SAE J1939 Multiplexing: PTO resume switch address
	SAE J1939 Multiplexing: PTO set switch
	SAE J1939 Multiplexing: PTO set switch address
	SAE J1939 Multiplexing: Remote accelerator position/remote accelerator switch  SAE J1939 Multiplexing: Remote accelerator position/remote accelerator switch
	address
	SAE J1939 Multiplexing: Remote PTO switch
	SAE J1939 Multiplexing: Remote PTO switch address
	SAE J1939 Multiplexing: Stop lamp
	SAE J1939 Multiplexing: Torque derate switch
	SAE J1939 Multiplexing: Torque derate switch address
	SAE J1939 Multiplexing: Warning lamp
	Programming: read from the ECU
Articulation management Hubner	Programming: write in the ECU
	Calibration of the ESP sensors
Iveco ABS Bosch 6	Modify configuration
	Parameters setting: load from ECU
POCCUEAC 2	Parameters setting: write to ECU
BOSCH EAS 2	VIN writing
	After-treatment maintenance
	After-treatment NOx reset high
	Cruise control - Lower droop
Cummins Eu5/6	Cruise control - Maximum speed
	Cruise control switch setup - Driver reward (enable/disable)
	DEF (Diesel Exhaust Fluid) dosing system purge count reset
	ECM date/time adjust

Gear down protection - Gea Idle adaptation system Idle shutdown Idle shutdown - Time before Load based speed control - Load based speed control - Maintenance schedule serv Maximum Vehicle Speed (C Maximum Vehicle Speed (C Maximum vehicle Speed (C Maximum engine load PTO maximum engine load PTO maximum speed PTO maximum speed PTO maximum speed PTO ramp rate PTO resume switch speed PTO set switch speed PTO speed 1 device PTO speed 2 device PTO speed 3 device PTO speed 4 device PTO speed 5 device PTO speed 5 device PTO speed 6 device PTO speed 8 device PTO speed 9 device	wn manual override r down maximum vehicle speed (heavy engine load) r down maximum vehicle speed (light engine load) r shutdown High engine speed reference value Low engine speed reference value ce logging ustomer) EM)
Engine protection - Shutdon Engine protection - Shutdon Engine protection - Shutdon Gear down protection - Gea Gear down protection - Gea Idle adaptation system Idle shutdown Idle shutdown Idle shutdown - Time befon Load based speed control - Load based speed control - Maintenance schedule serv Maximum Vehicle Speed (C Maximum Vehicle Speed (C Maximum Vehicle Speed (C) PTO additional switch spee PTO maximum engine load PTO maximum speed PTO maximum vehicle spee PTO minimum speed PTO resume switch speed PTO resume switch speed PTO speed 1 device PTO speed 2 device PTO speed 3 device PTO speed 4 device PTO speed 5 device PTO speed 5 device PTO speed 6 device PTO speed 7 device PTO speed 7 device PTO speed 7 device PTO speed 8 device Rear Axle Ratio Low Reset NOx Road speed governor - Low Road speed governor - Max Road speed governor - Max Road speed governor - Sma Road speed governor - Sma Road speed governor - Sma	vn manual override r down maximum vehicle speed (heavy engine load) r down maximum vehicle speed (light engine load) r shutdown High engine speed reference value Low engine speed reference value ce logging ustomer) EM)
Engine protection - Shutdon Gear down protection - Gea Gear down protection - Gea Idle adaptation system Idle shutdown - Time before Load based speed control Load based speed control Load based speed control Maintenance schedule serv Maximum Vehicle Speed (C Maximum speed PTO maximum speed PTO maximum vehicle spee PTO minimum speed PTO ramp rate PTO resume switch speed PTO speed 1 device PTO speed 1 device PTO speed 3 device PTO speed 4 device PTO speed 5 device PTO speed 5 device PTO speed 6 device PTO speed 7 device PTO speed 8 device PTO speed 8 device Rear Axle Ratio Low Reset NOx Road speed governor - Low Road speed governor - Low Road speed governor - Max Road speed governor - Sma	vn manual override r down maximum vehicle speed (heavy engine load) r down maximum vehicle speed (light engine load) e shutdown High engine speed reference value Low engine speed reference value ce logging ustomer) EM)
Gear down protection - Gea Gear down protection - Gea Idle adaptation system Idle shutdown - Time befon Load based speed control Load based speed control Maintenance schedule serv Maximum Vehicle Speed (C Maximum Vehicle	r down maximum vehicle speed (heavy engine load) r down maximum vehicle speed (light engine load) e shutdown High engine speed reference value Low engine speed reference value ce logging ustomer) EM)
Gear down protection - Gea Idle adaptation system Idle shutdown Idle shutdown - Time befor Load based speed control - Load based speed control - Maintenance schedule serv Maximum Vehicle Speed (C Maximum Vehicle Speed (C PTO additional switch spee PTO maximum engine load PTO maximum speed PTO maximum vehicle spee PTO minimum speed PTO resume switch speed PTO set switch speed PTO speed 1 device PTO speed 2 device PTO speed 3 device PTO speed 4 device PTO speed 6 device PTO speed 7 device PTO speed 8 device PTO speed 8 device PTO speed 8 device PTO speed 8 device PTO speed 9 device	r down maximum vehicle speed (light engine load)  s shutdown  High engine speed reference value  Low engine speed reference value  ce logging  ustomer)  EM)
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Load based speed control- Load based speed control- Maintenance schedule serv Maximum Vehicle Speed (C Maximum Vehicle Speed (C Maximum Vehicle Speed (C PTO additional switch spee PTO maximum engine load PTO maximum vehicle spee PTO minimum speed PTO ramp rate PTO resume switch speed PTO set switch speed PTO set switch speed PTO speed 1 device PTO speed 3 device PTO speed 3 device PTO speed 4 device PTO speed 6 device PTO speed 6 device PTO speed 6 device PTO speed 7 device PTO speed 8 device Rear Axle Ratio Low Reset NOx Road speed governor - Low Road speed governor - Low Road speed governor - Max Road speed governor - Max Road speed governor - Max Road speed governor - Sme Road speed governor - Upp	High engine speed reference value  Low engine speed reference value  ce logging  ustomer)  EM)
Load based speed control- Maintenance schedule serv Maximum Vehicle Speed (C Maximum Vehicle Speed (O PTO additional switch spee PTO maximum engine load PTO maximum vehicle spee PTO minimum speed PTO ramp rate PTO ramp rate PTO resume switch speed PTO set switch speed PTO set switch speed PTO speed 1 device PTO speed 2 device PTO speed 3 device PTO speed 4 device PTO speed 5 device PTO speed 6 device PTO speed 7 device PTO speed 7 device PTO speed 8 device PTO speed 8 device PTO speed 9 device	Low engine speed reference value ce logging ustomer) EM)
Load based speed control- Maintenance schedule serv Maximum Vehicle Speed (C Maximum Vehicle Speed (O PTO additional switch spee PTO maximum engine load PTO maximum vehicle spee PTO minimum speed PTO ramp rate PTO ramp rate PTO resume switch speed PTO set switch speed PTO set switch speed PTO speed 1 device PTO speed 2 device PTO speed 3 device PTO speed 4 device PTO speed 5 device PTO speed 6 device PTO speed 7 device PTO speed 7 device PTO speed 8 device PTO speed 8 device PTO speed 9 device	Low engine speed reference value ce logging ustomer) EM)
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Road speed governor - Low Road speed governor - Max Road speed governor - Max Road speed governor - Sma Road speed governor - Upp	
Road speed governor - Max Road speed governor - Max Road speed governor - Sma Road speed governor - Upp	
Road speed governor - Max Road speed governor - Sma Road speed governor - Upp	er droop
Road speed governor - Sma Road speed governor - Upp	mum accelerator vehicle speed
Road speed governor - Sma Road speed governor - Upp	mum vehicle speed
Road speed governor - Upp	rt road speed governor (enable/disable)
O/LE 01303 Manuplexing	
Tire size	
Trip information - Vehicle o	versneed 1
Trip information - Vehicle o	
	ampering - Tampering sensitivity level
Vehicle speed sensor anti-t	
	mum engine speed without vehicle speed source
	ber of transmission tailshaft gear teeth
Vehicle speed source - Veh	* * * * * * * * * * * * * * * * * * * *
Kibes 32 VDL Programming: write in the E	
Fuel consumption correction	n factor
Parameters setting: load from	
MERCEDES Instruments Axor II  Parameters setting: write to	
Speed exceedance	m ECU
VIN	m ECU
Parameters setting: load fro	m ECU
Wabco ABS E Parameters setting: write to	m ECU ECU
Limitation 2	m ECU
Mercedes ADM 2 Limitations 0 and 1	m ECU

SYSTEMS	FUNCTIONS
Mercedes ADM 3	Limitation 2
	Limitations 0 and 1
Iveco Daily CAT Agile	PTO parameters
	Accelerator pedal deactivation with active power take off
	Activation of maximum speed with PTO engaged
	Idle rpm increase for PTO
	Max output speed for PTO operation
Volkswagen Costellation IND EDC	Maximum position of the accelerator pedal with active power take off
	Maximum speed limitation
	Min output speed with active PTO
	PTO deactivation
	PTO engagement enabling
	PTO speed
	Status, max speed
	Volksnet
	Activation of maximum speed with PTO engaged
Volkswagen Cabin control	Max output speed for PTO engage
5	PTO engagement enabling
	PTO status
SCANIA EEC Exhaust gas treatment	Commissioning after replacing SCR control unit
	VIN writing
	Accelerator pedal deactivation with active power take off
	Engine rpm maximum limit for the selected gear
	Idle rpm increase for PTO
	Max speed limit
Bosch EDC 7 C1 Brasil	Maximum engine rpms with active power take off
BOSON EBO T OT BRUSH	Maximum position of the accelerator pedal with active power take off
	Maximum speed with active PTO
	PTO deactivation
	PTO speed
	Rev limitation
	Front power take off on the engine
	Power take off
	Power take off (NMV)
INS Combined instrument panel Atego (old)	PTO 1 on gearbox
	PTO 2 on gearbox
	Rear power take off on the engine
	VIN
	Calibration of axle load sensors
	GIO operation hour counter
	Goodyear TPMS
	Immobilizer parameters
	Optional parameters
Wabco TEBS E	Parameters setting: load from ECU
	Parameters setting: write to ECU
	RSS (Roll Stability Support)
	Special parameterizations
	Trailer emergency brake parameters
	Vehicle configuration
	Goodyear TPMS
	iLvl calibration
KNORR EBS G2	Parameters setting: load from ECU
	Parameters setting: write to ECU
	Parameters setting: write to ECU
Actia PODIUM	Programming: write in the ECU
	r rogramming. Write in the Loo

SYSTEMS	FUNCTIONS
Cummins ISC	Idle adaptation system
Isuzu CAT 2007 Smoother / Autoshift	PTO speed
	Acceleration reduction
	Calibration data/data field
	Configuration reading
	Custom configuration
	Data set
	Driving program configuration
Trasmission ZF Ecolife	EEPROM parameters
	Parameters setting: load from ECU
	Parameters setting: load from Exchange Manager\in
	Parameters setting: save to Exchange Manager\out
	Parameters setting: write to ECU
	Pressure offset
	Shift program configuration
Mercedes MTS Doors managment	Parameters setting: load from ECU
Mercedes MTS Doors managment	Parameters setting: write to ECU
ABS KNORR KB4TA	Special parameterizations
	Constant speed setting
DEUTZ EMPO	Engine Idle Control Set Low
DEUTZ EMR3	Speed droop 1
	Speed droop 2
MERCEDES 3rd Axle Mercedes MPII	Parametrisation
MERCEDES Diesel Injection PLD 4 cylinders	Emission-relevant error clearing
	Activation of maximum engine speed with PTO engaged
	Activation of maximum number of revolutions
	Activation of maximum torque limiting with activated PTO
	Activation of minimum number of revolutions
	Activation of permitted maximum gear
	Activation of the rpm fixed value with power take-off ON
	Activation of transmission input revolutions
	Clutch On request
	Displaying of the power take-off symbol in the INS control unit (instrumentation)
	Emergency shift control not engaged
	Enabling of vehicle maximum ignition gear with power take-off ON
	Engine brake disabling
	Front power take off on the engine
	Funzione di controllo del livello delle sospensioni
Mercedes PTO management	Gear block
	Gearbox input revs
	Gruppo splitter
	Last condition to perform
	Lower level has been reached (NR/WR)
	Maximum engine rpms with active power take off
	Maximum engine rpms with active power take on Maximum engine speed for PTO engagement
	Maximum engine speed for PTO engagement  Maximum limit of revolution number
	Maximum RPM with power take-off ON
	Maximum RPM with power take-off ON  Maximum speed activation for PTO engagement
	Maximum speed activation with active PTO
	Maximum speed for PTO engagement
	Maximum speed with active power take-off
	Maximum torque limiting with activated PTO
	Maximum torque with active PTO
	Min. accelerator
	Minimum limit of revolution number

SYSTEMS	FUNCTIONS
	Neutral position of goar
	Neutral position of gear
	Output activation (pin X12 21/15)
	Parking brake
	Permitted maximum gear
	Power take off
	Power take off (NMV)
	Power take off 1
	Power take off 1 request
	Power take off 2
	Power take off request 3
	Power take off solenoid valve
	Power take-off maximum torque
	PTO 1 on gearbox
	PTO 1 response signal for the MSF control unit (Modular switch panel)
	PTO 2 on gearbox
Mercedes PTO management	PTO 3 response signal for INS ECU (instrumentation)
intercedes F 10 management	PTO 3 response signal for the MSF control unit (Modular switches panel)
	PTO regulator type
	Rear power take off on the engine
	Request and enabling of power take-off
	Request of power take-off united to engine 1
	Request of power take-off united to engine 2
	Response signal of the power take-off 1 for the INS ECU (instrumentation)
	Response signal of the power take-off united to the engine for the MSF ECU (Modular switch panel)
	Return signal with 1 and 3 PTO (pin X23 12/4)
	Rpm fixed value with active PTO
	Rpm increase at idle with active PTO
	Speed limitation with active power takeoff
	Splitter assembly position
	Stationary vehicle
	Waiting time after clutch disengagement
	Waiting time before clutch disengagement
MEDOEDEO Ossistas ODDO	Maximum vehicle speed
MERCEDES Sprinter CRD2	Speed limiter
	Brake release point learning for MT (Manual Transmission) vehicles
	Cruise control: Maximum speed
HINO - VCS Vehicle Control System	Maximum vehicle speed
	Reset cruise target speed learned value
	Reset device identification initialization
	Reset FS limiter speed learned value
	Slope zero position adjustment
DAF BBM - Body Builder Module	As-tronic, conditions of deactivation: vehicle max. speed
	As-tronic, disconnection conditions: Engine speed
	As-tronic, disconnection conditions: Parking brake
	As-tronic, engagement conditions: Engine speed
	As-tronic, engagement conditions: Parking brake
	As-tronic, engagement conditions: Vehicle MAX speed
	Enables engine actuation
	PTO Start/Stop remote command
	Vehicle maximum speed for engine switching off
	Programming: upload from PC
Reprogramming ZF Astronic	Programming: write in the ECU
-	Recovery function
MERCEDES-BENZ ABS Knorr - Bremse	Parametrisation

SYSTEMS	FUNCTIONS
	Parameters with configuration parameters
BOSCH REXOROTH FAN CONTROL	Programming: read from the ECU
	Programming: write in the ECU
Nissan EDC 16C41 Atleon 150	PTO registration
	Programming: upload from PC
Reprogramming AsTronic GS3.3	Programming: write in the ECU
	Recovery function
	Aftertreatment injector adaptation
	Angular value reset
	Ash load reset
	EBS ECU basic setting
	ESP
	Injector coding
	Lateral acceleration sensor calibration
	Parameters setting: load from ECU
VOLVO DXI (Volvo Version 2)	Parameters setting: write to ECU
,	Radar calibration
	Reset AdBlue
	Reset derate of reagent quality
	Reset IVS parameter
	Reset of engine derate caused by reagent quality
	Soot load reset
	Steering angle sensor
	Steering angle sensor calibration
	TCS inhibition
	Calibration steering angle sensor
WABCO EBS 3	Parameters setting: load from ECU
WADOU EDS 3	Parameters setting: write to ECU
	Start-up
	Power take off 1
Marandan DSAM Antron MDII a Aver II	Power take off 2
Mercedes PSAM Actros MPII e Axor II	Power take off 3
	PTO engaged
MEDOEDEO COO Dei con acceptation contract	Parameters setting: load from ECU
MERCEDES SRS Driver restraint system	Parameters setting: write to ECU
	Parameters setting: load from ECU
MERCEDES MSF Modular switch panel	Parameters setting: write to ECU
MEDOSDEO ADT.T.	Control unit reset
MERCEDES ART Tempomat + Distance Control	Radar sensor calibration
MERCEDES ABA Active Brake Assist	ABA (Active Brake Assist) control unit
MERCEDES SPA Lane recognition system	Automatic system reactivation
	Automatic system reactivation: minimum driving speed
	Automatic system reactivation: minimum waiting time
	Automatic system reactivation: minimum width of the driving lane
	Camera mounting height
	Minimum warning speed
	Status of the system after ignition
	Vehicle width
MAN PTM Power Train Module	Maximum Vehicle Speed (OEM)
MAN EBS-ESP Knorr 5 in CAN	Rpm speed sensor calibration
MAN ACC Adjustable speed control	Radar sensor calibration
	1) Electric Test Calibration
	2) Hydraulic test calibration
VSE EST 3° Axle	3) Front angle sensor calibration
	4) Rear angle sensor calibration
	1

SYSTEMS	FUNCTIONS
	5) Centring system ETS axle calibration
VSE EST 3° Axle	Speed 1 source configuration
VOCEST 3 AXIE	Speed 2 source configuration
	Parameter setting: user level 1
	Parameter setting: user level 1
	Parameter setting: user level 3
	Parameter setting: user level 4
IRIZAR Kibes 32	Parameter setting: user level 5
IRIZAR Kibes 32	Programming: upload from PC
	Programming: write in the ECU
	Upload ASAM File
	VIN writing
	Parameters setting: write to ECU
DMUX32	Programming: upload from PC
DIVIONSZ	Programming: write in the ECU
	Calibration data
	Calibration of the acceleration sensors
	Kneeling level calibration
	Level sensor calibration (normal level)
	Level sensor calibration (to 3 levels)
WARCO ECAS CAN 2 (PHS)	Level sensor characteristic curve calibration
WABCO ECAS CAN 2 (BUS)	Parameters setting: load from ECU
	Parameters setting: load from Exchange Manager\in
	Parameters setting: save to Exchange Manager\out
	Parameters setting: write to ECU
	Pressure sensor calibration
DMUX3	Programming: upload from PC
	Programming: write in the ECU
	Programming: read from the ECU
Reprogramming EPROM EAS2	Programming: recovery function
	Programming: write in the ECU
MANIFROZIVO	Recovery function
MAN EDC7 V8	Couple limitation reset and blinking MIL
Reprogramming ECD7C32	Parameters setting: load from ECU
	Parameters setting: write to ECU
VDL Continental DMUX32	Programming: upload from PC
With the control of the first	Programming: write in the ECU
Mitsubishi Canter Injection Eu5	Rail pressure sensor
	Diesel metering device commissioning
Mercedes MP4 MCM Engine management	Engine start
	Exhaust gas recirculation differential pressure sensor
	Production mode deactivation
Mercedes MP4 CPC Powertrain Controller	Main odometer value increase
Mercedes MP4 CLCS Chassis level adjustment	Parametrisation
	Characteristic curve of second axle on a 4-axles vehicle
	Characteristic curve of the front axle position sensor
	Correction value for pressure of liftable axle (in case of sensor fault)
	Correction value for pressure of starting-off aid (in case of sensor fault)
	Forced lowering
	Increase of normal level with additional axle raised
	Manual correction of the front axle lower level
	Manual correction of the rear axle lower level
	Retrofit installation and modification: Characteristic roll control
	Retrofit installation and modification: Compulsory lowering
	Retrofit installation and modification: Left position sensor

SYSTEMS	FUNCTIONS
	Retrofit installation and modification: Retrofit of special equipment C5U
Mercedes MP4 CLCS Chassis level adjustment	Retrofit installation and modification: Starting off aid
Wercedes Wi 4 0203 oriassis level adjustment	Retrofit installation and modification: Tire pressure offset value
	Retrofit installation and modification: Trailing axle
	PTO 1: Additional information
	PTO 1: Parameterization
	PTO 1: Service reset
	PTO 2: Additional information
Mercedes MP4 MS Maintenance management	PTO 2: Parameterization
	PTO 2: Service reset
	PTO 3: Additional information
	PTO 3: Parameterization
	PTO 3: Service reset
	Data copy from the central data storage to the control unit
Mercedes MP4 CDS Central data memory	Data copy from the control unit to the central data storage
	AdBlue filter initialization
	AdBlue system start-up
	Diesel Oxidation Catalyst (DOC) regeneration
Mercedes MP4 ACM Exhaust gas after treatment	Forced regeneration of the particulate filter
	Initialisation after replacing the AdBlue supply pump
	Particulate filter initialization after control unit replacement
Mercedes MP4 TCM Transmission Control Module	Dry clutch characteristic curve adaptation
Welcedes WF 4 Town Hanshinssion Control Module	Axles
	Brake
	Control unit reset (forced error clearing)
	Driving dynamics
	ESP initialization process
Mercedes MP4 EBS	Global variant coding
	Parametrisation
	Steering
	TRAILER
	Vehicle configuration
	VRDU Drive assist system
	Wheels and tires
Mercedes MP4 ICUC Instrumentation	Acquisition of the list of the control units by the CGW Central Gateway control unit
	Initialisation of the oil level indication
Mercedes MP4 CGW Gateway	Axle definition
	List of control units
	Vehicle configuration
Mercedes MP4 SCA Cabin management	Power take off
Mercedes MP4 SCH Chassis interface	Limit value for the failure detection
	Travel sensor for on-road and off-road driving
Mercedes TPM Tyre Pressure Module	Parametrisation
Mercedes MP4 RDF Radar	Control unit reset
	Installation height of radar sensor
	Radar calibration
	Radar sensor calibration
	Wheelbase parametrization
	Camera of the lane recognition system
	First commissioning of the ABA (Active Brake Assist) function
Managada MDA VDDU Dairing angletan	Parameterization of the pitch angle
Mercedes MP4 VRDU Driving assistance system	Permanent error memory deletion
	SRR-R (Short-Range Radar) control unit - Distance between the axes
	SRR-R ECU (short-range radar) - Back projection

SYSTEMS	FUNCTIONS
Renault MaxCity New Diesel Injection	PTO registration
	A/C fan request
	A/C high pressure switch
	A/C switch fan on-time (0 = OFF)
	Acceleration delay time
	Acceleration setpoint offset
	Accelerator pedal installation status
	Accelerator pedal position
	Accelerator pedal released operation mode
	Access ladder installation status
	Access platform installation status
	AccuGrade enable status
	AccuGrade system installation status
	AccuGrade temporary installation status
	AccuGrade temporary installation time remaining
	Active boom component index
	Active coupler component index
	Active idler link component index
	Active power link component index
	Active stick/extendable stick component index
	Active swing component index
	Active tool program index number
	Active work tool component index
	Adaptive cruise control enable
	Add/Delete security system key/password information
	Advanced machine security system installation status
	Advertised power
	AEC
Caterpillar TRUCK	Aerial master stream waterway installation status
	Aftercooler coolant level sensor installation status
	Aftercooler coolant pressure sensor installation status
	Aftercooler temperature control module installation status
	Aftertreatment 1 outlet oxygen sensor voltage offset
	Aftertreatment 1 SCR catalyst reagent line heater 1 installation status
	Aftertreatment 1 SCR catalyst reagent line heater 2 installation status
	Aftertreatment 1 SCR catalyst reagent line heater 3 installation status
	Aftertreatment 1 three way catalytic converter differential pressure sensor
	Aftertreatment regeneration disable delay
	Aftertreatment regeneration enable minimum ground speed configuration
	Aftertreatment regeneration temperature reduction delay
	Aftertreatment spark plug recommended maintenance interval
	Aftertreatment system configuration
	Aggressive slope operation neutralization offset setpoint
	Air compressor system installation status
	Air conditioning system installation
	Air filter restriction switch configuration  Air filter restriction switch installation status
	Air inlet heater installation status
	Air inlet shutoff relay control
	Air inlet shutoff switch
	Air inlet shutoff system installation
	Air inlet shutoff threshold reduction switch configuration
	Air inlet temperature calibration value
	Air inlet temperature sensor
	Air intake shutoff detection installation status

Air shutoff Air shutoff control Air/Fuel integral gain Air/Fuel proportional gain Air/Fuel ratio gain percentage Air/Fuel ratio integral gain percentage Air/Fuel ratio proportional gain percentage All wheel drive deactivation speed All wheel drive maximum gear All wheel drive system installation status Allow idle shutdown override Ambient air temperature calibration value Ambient air temperature operating condition configuration Ambient air temperature sensor installation status Application feature identification code Application number Application software ID Application software part number ARD auto regeneration enable status ARD automatic regeneration switch configuration ARD configuration code ARD disable switch configuration ARD disabled lamp ARD fan enable vehicle speed threshold ARD force switch configuration ARD fuel nozzle cleaner configuration ARD lamp ground speed threshold Caterpillar TRUCK ARD manual disable status ARD minimum ground speed configuration ARD operation mode ARD programmable regeneration monitoring system ARD PTO mode stationary regeneration enable ARD regeneration continuation time ARD soft shutdown input configuration ARD stationary regeneration strategy Assembly serial number Assist steering AT/MT/HT part throttle shift speed Atmospheric pressure sensor calibration value Attachment 1 head end line relief valve pressure setpoint Attachment 1 rod end line relief valve pressure setpoint Attachment 2 head end line relief valve pressure setpoint Attachment 2 rod end line relief valve pressure setpoint Attachment 3 head end line relief valve pressure setpoint Attachment 3 rod end line relief valve pressure setpoint Attachment hydraulic oil filter recommended maintenance interval Attachment hydraulic oil filter switch configuration Attachment pedal 1 pilot pressure sensor installation status Attachment pedal 2 pilot pressure sensor installation status Attachment pedal back direction maximum flow command Attachment pedal back direction maximum pressure command Attachment pedal front direction maximum flow command Attachment pedal front direction maximum pressure command Attachment pedal valve mode Attachment pump power offset

Attachment pump torque Attachment switch 1 control mode Attachment switch 1 installation status Attachment switch 2 control mode Attachment switch 2 installation status Attachment switch 3 control mode Attachment switch 3 installation status Attachment switch 4 control mode Attachment switch 4 installation status Attachment tool ECM installation status Attachment valve 1 close time Attachment valve 1 combiner configuration Attachment valve 1 configuration Attachment valve 1 control type configuration Attachment valve 1 flow derate end pressure Attachment valve 1 flow derate start pressure Attachment valve 1 flow setting Attachment valve 1 head end line relief valve installation status Attachment valve 1 maximum extend pressure Attachment valve 1 maximum flow derate Attachment valve 1 maximum retract pressure Attachment valve 1 multi-operation additional flow Attachment valve 1 multiple operation minimum flow Attachment valve 1 open time Attachment valve 1 rod end line relief valve installation status Attachment valve 1 tool flow direction Attachment valve 2 close time Caterpillar TRUCK Attachment valve 2 configuration Attachment valve 2 control type configuration Attachment valve 2 flow derate end pressure Attachment valve 2 flow derate start pressure Attachment valve 2 flow setting Attachment valve 2 head end line relief valve installation status Attachment valve 2 maximum extend pressure Attachment valve 2 maximum flow derate Attachment valve 2 maximum retract pressure Attachment valve 2 multi-operation additional flow Attachment valve 2 multiple operation minimum flow Attachment valve 2 open time Attachment valve 2 rod end line relief valve installation status Attachment valve 2 tool flow direction Attachment valve 3 close time Attachment valve 3 configuration Attachment valve 3 control type configuration Attachment valve 3 flow derate end pressure Attachment valve 3 flow derate start pressure Attachment valve 3 flow setting Attachment valve 3 head end line relief valve installation status Attachment valve 3 maximum extend pressure Attachment valve 3 maximum flow derate Attachment valve 3 maximum retract pressure Attachment valve 3 multi-operation additional flow Attachment valve 3 multiple operation minimum flow Attachment valve 3 open time Attachment valve 3 rod end line relief valve installation status

Attachment valve 3 tool flow direction Attachment valve 4 close time Attachment valve 4 configuration Attachment valve 4 control type configuration Attachment valve 4 flow setting Attachment valve 4 maximum extend pressure Attachment valve 4 maximum retract pressure Attachment valve 4 multi-operation additional flow Attachment valve 4 open time Attachment valve 4 tool flow direction Auger gear limit Auto lube duration Auto lube interval Auto lube manual mode cycles configuration Auto lube system installation status Auto lube warning indicator enable switch configuration Auto neutral function enabled status Auto neutral gear reengagement brake required configuration Auto neutral gear reengagement configuration Auto neutral switch input configuration Auto retarder control system installation status Auto retarder in cruise (0 = OFF) Auto retarder in cruise increment Auto shift kickdown feature Autocarry enable status Autocarry installation status Autocarry temporary installation status Caterpillar TRUCK Autocarry time remaining Automatic differential lock feature enable Automatic differential lock feature installation status Automatic economy mode maximum speed loss percentage Automatic economy mode minimum fuel-speed ratio percentage Automatic engine speed control (AESC) delay time Automatic engine speed control (AESC) enable status Automatic engine speed control (AESC) minimum speed Automatic engine speed control (AESC) setting Automatic exhaust oxygen balancing mode Automatic idle kickdown delay time Automatic idle kickdown enable status Automatic material ID feature Automatic pack function lift arm cycles configuration Automatic power balancing mode Automatic rear wiper enable status Automatic rear work light enable status Automatic traction control enable status Automatic truck ID feature Autoshift feature installation status Autoshift forward range setting Autoshift reverse range setting Auxiliary brake Auxiliary circuit flow combining solenoid installation status Auxiliary derivative governor gain 1 Auxiliary derivative governor gain 2 Auxiliary flow reduction mode enable status Auxiliary fuel tank installation status

Auxiliary hydraulic circuit 1 configuration Auxiliary hydraulic circuit 2 configuration Auxiliary hydraulic extend flow reduction pressure Auxiliary hydraulic extend relief pressure Auxiliary hydraulic high flow system installation status Auxiliary hydraulic retract flow reduction pressure Auxiliary hydraulic retract relief pressure Auxiliary hydraulic solenoid 1 maximum current Auxiliary hydraulic solenoid 1 minimum current Auxiliary hydraulic solenoid 2 maximum current Auxiliary hydraulic solenoid 2 minimum current Auxiliary integral governor gain 1 Auxiliary integral governor gain 2 Auxiliary minimum hydraulic extend flow Auxiliary minimum hydraulic retract flow Auxiliary pedal installation status Auxiliary pressure high warning point Auxiliary pressure sensor installation status Auxiliary proportional governor gain 1 Auxiliary proportional governor gain 2 Auxiliary pump main power reduction Auxiliary temperature high warning point Auxiliary temperature sensor 2 installation status Auxiliary temperature sensor installation status Auxiliary valve 1 control lever configuration Auxiliary valve 1 float installation status Auxiliary valve 1 port A full to zero displacement - Minimum time Caterpillar TRUCK Auxiliary valve 1 port A maximum flow configuration Auxiliary valve 1 port A maximum load sense pressure Auxiliary valve 1 port A solenoid high flow current Auxiliary valve 1 port A solenoid maximum current Auxiliary valve 1 port A solenoid minimum current Auxiliary valve 1 port A solenoid super high flow current Auxiliary valve 1 port A zero to full displacement - Minimum time Auxiliary valve 1 port B full to zero displacement - Minimum time Auxiliary valve 1 port B maximum flow configuration Auxiliary valve 1 port B maximum load sense pressure Auxiliary valve 1 port B solenoid high flow current Auxiliary valve 1 port B solenoid maximum current Auxiliary valve 1 port B solenoid minimum current Auxiliary valve 1 port B solenoid super high flow current Auxiliary valve 1 port B zero to full displacement - Minimum time Auxiliary valve 2 control lever configuration Auxiliary valve 2 float installation status Auxiliary valve 2 installation status Auxiliary valve 2 mode Auxiliary valve 2 port A full to zero displacement - Minimum time Auxiliary valve 2 port A maximum flow limit Auxiliary valve 2 port A solenoid maximum current Auxiliary valve 2 port A solenoid start current Auxiliary valve 2 port A zero to full displacement - Minimum time Auxiliary valve 2 port B full to zero displacement - Minimum time Auxiliary valve 2 port B maximum flow limit Auxiliary valve 2 port B solenoid maximum current Auxiliary valve 2 port B solenoid start current

Auxiliary valve 2 port B zero to full displacement - Minimum time Auxiliary valve 3 control lever configuration Auxiliary valve 3 mode Auxiliary valve 3 port A full to zero displacement - Minimum time Auxiliary valve 3 port A solenoid maximum current Auxiliary valve 3 port A solenoid start current Auxiliary valve 3 port A zero to full displacement - Minimum time Auxiliary valve 3 port B full to zero displacement - Minimum time Auxiliary valve 3 port B solenoid maximum current Auxiliary valve 3 port B solenoid start current Auxiliary valve 3 port B zero to full displacement - Minimum time Auxiliary valve 4 control lever configuration Auxiliary valve 4 port A full to zero displacement - Minimum time Auxiliary valve 4 port A solenoid maximum current Auxiliary valve 4 port A solenoid start current Auxiliary valve 4 port A zero to full displacement - Minimum time Auxiliary valve 4 port B full to zero displacement - Minimum time Auxiliary valve 4 port B solenoid maximum current Auxiliary valve 4 port B solenoid start current Auxiliary valve 4 port B zero to full displacement - Minimum time Auxiliary valve 5 control lever configuration Auxiliary valve 6 control lever configuration Auxiliary valve extend calibration offset Auxiliary valve extend close rate Auxiliary valve extend desired flow rate configuration Auxiliary valve extend open rate Auxiliary valve maximum extend flow Caterpillar TRUCK Auxiliary valve maximum retract flow Auxiliary valve mode Auxiliary valve retract calibration offset Auxiliary valve retract close rate Auxiliary valve retract desired flow rate configuration Auxiliary valve retract open rate Axle oil cooler fan bypass solenoid installation status Axle oil cooler installation status Backlight percent Backup alarm installation status Backup fueling control mode status Battery cable shield monitoring system installation Battery monitor and engine control voltage Battery monitor low idle engine speed Beacon installation status Bi-directional autoShift enable status Blade angle left solenoid maximum current Blade angle right solenoid maximum current Blade control response configuration Blade installation status Blade lower solenoid maximum current Blade lower solenoid minimum current Blade pitch installation status Blade raise solenoid maximum current Blade raise solenoid minimum current Blank shift display configuration Blower control installation status Body float gear limit

Body up gear limit Body up sensor installation status Body vibrator automatic cycle activation duration Body vibrator automatic cycle activation interval Bollard test time remaining Boom angle adjustment Boom angle switch installation status Boom check valve configuration Boom cylinder extend snubbing system installation status Boom cylinder extend solenoid maximum current Boom cylinder extend solenoid minimum current Boom cylinder maximum extension length Boom cylinder minimum retraction length Boom cylinder position sensor installation status Boom cylinder position sensor maximum pulse duration Boom cylinder position sensor minimum pulse duration Boom cylinder retract solenoid maximum current Boom cylinder retract solenoid minimum current Boom cylinder retract speed limit maximum pilot pressure Boom cylinder retract speed limit start pilot pressure Boom cylinder retract speed limit system installation status Boom cylinder snubbing angle gain Boom down regeneration valve maximum pilot pressure Boom extend limit feature installation status Boom extend speed factor Boom extend valve calibration offset Boom low pressure relief system installation status Caterpillar TRUCK Boom lower check valve installation status Boom lowering check valve calibration offset Boom maximum extension angle Boom minimum retraction angle Boom offset left cylinder snubbing angle gain Boom offset right cylinder snubbing angle gain Boom operation maximum extend pilot pressure for attachment valve Boom operation maximum retract pilot pressure for attachment valve Boom pin B above pin A elevation Boom pin B above pin A elevation index number Boom retract speed factor Boom retract valve calibration offset Boom telescope cylinder extend solenoid minimum current Boom telescope cylinder retract solenoid minimum current Boom telescope extend solenoid maximum current Boom telescope extend while machine in reverse enable status Boom telescope retract solenoid maximum current Brake accumulator charging system installation status Brake measurement hourmeter reading Brake pedal deceleration function enable status Bucket 1 length A-B Bucket 1 length A-F Bucket 1 length A-J Bucket 1 length A-L0 Bucket 1 length A-U0 Bucket 1 length B-C Bucket 1 length B-D Bucket 1 length B-G

SYSTEMS	FUNCTIONS
	Bucket 1 length B-S
	Bucket 1 length C-D
	Bucket 1 length C-F
	Bucket 1 length C-S
	Bucket 1 length D-F
	Bucket 1 length D-G
	Bucket 1 length F-G
	Bucket 1 length F-H
	Bucket 1 length G-H
	Bucket 1 length G-I
	Bucket 1 length G-J
	Bucket 1 length G-Q
	Bucket 1 length J-Q
	Bucket 1 length L0-L1
	Bucket 1 length U0-U1
	Bucket 1 setting name
	Bucket 2 length A-B
	Bucket 2 length A-F
	Bucket 2 length A-J
	Bucket 2 length A-L0
	Bucket 2 length A-U0
	Bucket 2 length B-C
	Bucket 2 length B-D
	Bucket 2 length B-G
	Bucket 2 length B-S
	Bucket 2 length C-D
	Bucket 2 length C-F
Caterpillar TRUCK	Bucket 2 length C-S
	Bucket 2 length D-F
	Bucket 2 length D-G
	Bucket 2 length F-G
	Bucket 2 length F-H
	Bucket 2 length G-H
	Bucket 2 length G-I
	Bucket 2 length G-J
	Bucket 2 length G-Q
	Bucket 2 length J-Q
	Bucket 2 length L0-L1
	Bucket 2 length U0-U1
	Bucket 2 setting name
	Bucket 3 length A-B
	Bucket 3 length A-F
	Bucket 3 length A-J
	Bucket 3 length A-L0
	Bucket 3 length A-U0
	Bucket 3 length B-C
	Bucket 3 length B-D
	Bucket 3 length B-G
	Bucket 3 length B-S
	Bucket 3 length C-D
	Bucket 3 length C-F
	Bucket 3 length C-S
	Bucket 3 length D-F
	Bucket 3 length D-G
	Bucket 3 length F-G
	Ducket 3 leligtii F-G

SYSTEMS	FUNCTIONS
	Durland Classath E. H.
	Bucket 3 length F-H
	Bucket 3 length G-H
	Bucket 3 length G-I
	Bucket 3 length G-J
	Bucket 3 length G-Q
	Bucket 3 length J-Q
	Bucket 3 length L0-L1
	Bucket 3 length U0-U1
	Bucket 3 setting name
	Bucket 4 length A-B
	Bucket 4 length A-F
	Bucket 4 length A-J
	Bucket 4 length A-L0
	Bucket 4 length A-U0
	Bucket 4 length B-C
	Bucket 4 length B-D
	Bucket 4 length B-G
	Bucket 4 length B-S
	Bucket 4 length C-D
	Bucket 4 length C-F
	Bucket 4 length C-S
	Bucket 4 length D-F
	Bucket 4 length D-G
	Bucket 4 length F-G
	Bucket 4 length F-H
	Bucket 4 length G-H
	Bucket 4 length G-I
Caterpillar TRUCK	Bucket 4 length G-J
	Bucket 4 length G-Q
	Bucket 4 length J-Q
	Bucket 4 length L0-L1
	Bucket 4 length U0-U1
	Bucket 4 setting name
	Bucket 5 length A-B
	Bucket 5 length A-F
	Bucket 5 length A-J
	Bucket 5 length A-L0
	Bucket 5 length A-U0
	Bucket 5 length B-C
	Bucket 5 length B-D
	Bucket 5 length B-G
	Bucket 5 length B-S
	Bucket 5 length C-D
	Bucket 5 length C-F
	Bucket 5 length C-S
	Bucket 5 length D-F
	Bucket 5 length D-G
	Bucket 5 length F-G
	Bucket 5 length F-H
	Bucket 5 length G-H
	Bucket 5 length G-I
	Bucket 5 length G-J
	Bucket 5 length G-Q
	Bucket 5 length J-Q
	Bucket 5 length L0-L1

Bucket 5 length U0-U1 Bucket 5 setting name **Bucket configuration** Bucket cylinder calibration length Bucket cylinder calibration length index number Bucket cylinder extend solenoid maximum current Bucket cylinder extend solenoid minimum current Bucket cylinder maximum extension length Bucket cylinder minimum retraction length Bucket cylinder position sensor maximum pulse duration Bucket cylinder position sensor minimum pulse duration Bucket cylinder retract solenoid maximum current Bucket cylinder retract solenoid minimum current Bucket extend speed factor Bucket extend valve calibration offset Bucket lever control mode Bucket pin to cutting edge distance Bucket retract speed factor Bucket retract valve calibration offset Bypass cutoff valve 1 activation boom cylinder extend pilot pressure Bypass cutoff valve 1 activation stick cylinder retract pilot pressure Bypass cutoff valve 2 activation boom cylinder extend pilot pressure Bypass cutoff valve 2 activation stick cylinder retract pilot pressure Cab air heater installation status Cab air temperature control system configuration Cab contour avoidance mode Cab noise control state Caterpillar TRUCK Cab swivel seat installation status Cab type configuration Camera system installation status CAN communication protocol read security CAN communication protocol write security Cat data link 2 identifier Change oil lamp Choke (derivative) compensation percentage Choke (integral) stability percentage Choke (proportional) gain percentage Choke position command Clutch 1 calibrated hold level command Clutch 1 calibrated ramp level command Clutch 1 engagement pressure current command Clutch 1 hold level current command Clutch 2 calibrated hold level command Clutch 2 calibrated ramp level command Clutch 2 engagement pressure current command Clutch 2 hold level current command Clutch 3 calibrated hold level command Clutch 3 calibrated ramp level command Clutch 3 engagement pressure current command Clutch 3 hold level current command Clutch 4 calibrated hold level command Clutch 4 calibrated ramp level command Clutch 4 engagement pressure current command Clutch 4 hold level current command Clutch 5 calibrated hold level command

Clutch 5 calibrated ramp level command Clutch 5 engagement pressure current command Clutch 5 hold level current command Clutch 6 calibrated hold level command Clutch 6 calibrated ramp level command Clutch 6 engagement pressure current command Clutch 6 hold level current command Clutch Pedal Position switch Cold cylinder cutout Cold engine parasitic load reduction installation Cold mode idle shutdown timer enable Combustion time feedback mode exhaust temperature threshold Command control steering installation status Commercial engine type code Common piping Compensation **Component Serial Number** Compression brake system installation Continuous flow installation status Control unit serial number Converter drive automatic downshift enable status Coolant level sensor Coolant level sensor configuration Coolant warning engine load enable threshold Cooldown duration Cooldown speed Cooling fan diameter Caterpillar TRUCK Cooling Fan Driver Crane actual load adjustment Crane hook height adjustment Crane swing speed adjustment Crane system installation status Crank cycle rest interval Crank duration Crank terminate RPM Crankcase pressure sensor installation status Crankcase ventilation filter recommended maintenance interval Cranking fuel limit gain percentage Creep mode percentage Cruise control accelerate switch Cruise control coast (decelerate) switch Cruise control ON/OFF switch Cruise control pause switch Cruise control resume switch configuration Cruise control set switch configuration Cruise control speed configuration Cruise Control switch Cruise/Idle/PTO switch configuration CTS desired speed CTS enabled Current transformer secondary winding rating Customer password 1 Customer password 2 Cut mode Cycle counter feature installation status

Cycle crank time Cylinder 1 fuel trim percentage Cylinder 10 fuel trim percentage Cylinder 11 fuel trim percentage Cylinder 12 fuel trim percentage Cylinder 13 fuel trim percentage Cylinder 14 fuel trim percentage Cylinder 15 fuel trim percentage Cylinder 16 fuel trim percentage Cylinder 2 fuel trim percentage Cylinder 3 fuel trim percentage Cylinder 4 fuel trim percentage Cylinder 5 fuel trim percentage Cylinder 6 fuel trim percentage Cylinder 7 fuel trim percentage Cylinder 8 fuel trim percentage Cylinder 9 fuel trim percentage Cylinder selection Dash - Change fuel correction factor Dash - Customer parameters Dash - Fleet trip reset Dash - PM1 reset Dash - State selection Data link ARD disable Data link engine shutdown enable status Data link translator module installation status DBS Machine Make Code Caterpillar TRUCK DC link setpoint Dealer Identification Code Debris body top door closed packing enable status Deceleration pedal installation status Decelerator pedal neutralization setting Decelerator pedal neutralizer enable status Default gear ratio Delayed engine shutdown enable Delayed engine shutdown maximum time Description selected tool program index number Desired control throttle shift speed setpoint Desired ECM location code Desired emissions gain adjustment percentage Desired engine aftercooler coolant temperature configuration Desired engine coolant temperature configuration Desired engine exhaust NOx level setting Desired engine exhaust port temperature Desired engine retard speed Desired engine rotation direction configuration Desired engine timing offset Desired fuel valve position offset Desired ground speed/direction Desired hydraulic aggressiveness percentage gain Desired intake manifold air pressure offset Desired oxygen at full load Desired speed input configuration Desired swing aggressiveness offset Detonation threshold

Diagnostic enable switch Diagnostic report configuration Diagnostics capable joystick installation status Differential lock installation Differential lock installation configuration Digital sensor input 1 delay time Digital sensor input 1 description Digital sensor input 1 type configuration Digital sensor input 2 delay time Digital sensor input 2 description Digital sensor input 2 type configuration Digital sensor input 3 delay time Digital sensor input 3 description Digital sensor input 3 type configuration Digital sensor input 4 delay time Digital sensor input 4 description Digital sensor input 4 type configuration Direct fuel control mode Direct shift gear Direction inhibit function configuration Display location DPF 1 replacement type DPF 1 serial number DPF 1 soot loading sensing system configuration code DPF 2 serial number DPF 2 soot loading sensing system configuration code DPF ash service reset Caterpillar TRUCK DPF configuration code DPF lamp DPF regeneration force/inhibit switch installation DPF regeneration inhibit indicator installation status DPF soot loading indicator installation status Drive motor disable configuration Driveline PTO inertia brake enabled status Driveline PTO latching enabled status Driveline PTO minimum engine speed for latching Driveline PTO minimum engine speed for torque converter lockup Driveline PTO mode enabled gear configuration Driveline PTO pump shift assist enabled status Driven equipment delay time Driver reward averaging period Driver reward enable Droop mode selection Droop/Isochronous switch enable Drum offset feature installation status Dump kickout enable status Dump snubbing enable status Dump solenoid 1 maximum current Dump solenoid 1 start current Dump stop snubbing enable status Dynamic host configuration protocol (DHCP) enable status Eaton top 2 override with cruise switch ECM (GMT) time zone string ECM date/time ECM Date/Time (GMT)

SYSTEMS	FUNCTIONS
	ECM date/time adjust
	ECM location
	ECM location code
	ECM part number
	ECM serial number
	ECM time/date with time zone bias
	ECM wireless communications enable
	Economy mode
	Economy mode input configuration
	ECU instance
	EGT starting limit offset
	EGT warning setpoint offset
	Ejector system enable status
	Elevated idle engine speed
	Emergency shutdown override input configuration
	Emergency shutdown override switch installation status
	Emissions feedback disable fuel actuator position command
	Emissions feedback disable rule actuator position command  Emissions feedback mode configuration
	Engine acceleration rate
	Engine brake system installation
	Engine braking system
	Engine break point speed
	Engine charge air cooler 1 outlet temperature sensor installation status
	Engine configuration
	Engine configuration code
	Engine continuous pre-lube duration
	Engine continuous pre-lube interval
Caterpillar TRUCK	Engine control data link configuration
	Engine coolant diverter solenoid installation status
	Engine coolant pressure sensor installation status
	Engine coolant recommended maintenance interval
	Engine coolant temperature control module installation status
	Engine coolant temperature derate enable
	Engine cooldown maximum time
	Engine cooling fan bypass system installation status
	Engine cooling fan control auxiliary 1 temperature input enable status
	Engine cooling fan control auxiliary 2 temperature input enable status
	Engine cooling fan control coolant temperature input enable status
	Engine cooling fan control hydraulic oil temperature input enable status
	Engine cooling fan control transmission oil temperature input enable status
	Engine cooling fan current ramp rate
	Engine cooling fan map
	Engine cooling fan maximum (clip) pump pressure
	Engine cooling fan maximum air flow auxiliary 1 temperature
	Engine cooling fan maximum air flow auxiliary 2 temperature
	Engine cooling fan maximum air flow charge air cooler outlet temperature
	Engine cooling fan maximum air flow coolant temperature
	Engine cooling fan maximum air flow hydraulic oil temperature
	Engine cooling fan maximum air flow transmission oil temperature
	Engine cooling fan maximum current calibration value
	Engine cooling fan minimum air flow auxiliary 1 temperature
	Engine cooling fan minimum air flow auxiliary 2 temperature
	Engine cooling fan minimum air flow charge air cooler outlet temperature
	Engine cooling fan minimum air flow coolant temperature
	Engine cooling fan minimum air flow hydraulic oil temperature

Engine cooling fan minimum air flow transmission oil temperature Engine cooling fan minimum current calibration value Engine cooling fan pulley ratio Engine cooling fan pump minimum pressure Engine cooling fan solenoid dither amplitude (peak-to-peak) Engine cooling fan solenoid dither frequency Engine cooling fan solenoid maximum current Engine cooling fan solenoid minimum current Engine cooling fan speed (integral) stability percentage Engine cooling fan speed (proportional) gain percentage Engine cooling fan speed sensor installation status Engine cooling fan temperature error decreasing hysteresis Engine cooling fan temperature error increasing hysteresis Engine cooling system configuration Engine driven accessory load configuration Engine emissions certification configuration Engine exhaust NOx level sensor calibration slope Engine fan control Engine fan control charge air cooler outlet temperature input enable Engine fan manual purge Engine fan purge cycle duration Engine fan purge cycle interval Engine fan reverse operation early termination enable status Engine fan reverse operation interval Engine fan reverse operation mode Engine fan reverse operation time Engine fan reversing feature Caterpillar TRUCK Engine fan reversing feature installation status Engine fan suspend purge Engine fan temperature dependent radiator purge Engine fan type configuration Engine governor desired constant speed Engine governor gain map part number configuration Engine governor mode override switch installation status Engine governor primary mode configuration Engine idle shutdown ambient temperature override enable status Engine idle shutdown delay time Engine idle shutdown enable Engine idle shutdown installation status Engine idle shutdown maximum ambient air temperature Engine idle shutdown minimum ambient air temperature Engine idle shutdown system configuration Engine idle shutdown timer reset enable Engine load input configuration Engine load timing map Engine load timing maps available engine location Engine maximum momentary override speed Engine model Engine monitoring lamps Engine monitoring mode Engine oil capacity Engine oil filter recommended maintenance interval Engine oil level sensor installation status Engine oil pressure sensor

Engine oil recommended maintenance interval Engine oil refill tank level switch installation status Engine oil renewal system enable status Engine oil renewal system installation status Engine oil temperature sensor installation status Engine oil weight Engine operating mode 1 high idle droop percentage Engine operating mode 1 throttle 1 droop percentage Engine operating mode 1 throttle 2 droop percentage Engine operating mode 1 TSC1 droop percentage Engine operating mode 2 high idle droop percentage Engine operating mode 2 throttle 1 droop percentage Engine operating mode 2 throttle 2 droop percentage Engine operating mode 2 TSC1 droop percentage Engine operating mode 3 high idle droop percentage Engine operating mode 3 throttle 1 droop percentage Engine operating mode 3 throttle 2 droop percentage Engine operating mode 3 TSC1 droop percentage Engine operating mode rating Engine operation type Engine output power Engine overcrank time Engine overspeed setpoint Engine peak torque speed Engine performance run out control configuration Engine post-lube duration Engine power mode Caterpillar TRUCK Engine power trim Engine precooler installation Engine pre-lube Engine pre-lube duration Engine pre-lube system configuration Engine pre-lube system installation status Engine pre-lube time out period Engine purge cycle time Engine rated power trim Engine rating application type Engine rating information Engine rating interlock Engine ready to start pre-lube duration Engine reference torque override configuration Engine retarder delay Engine retarder enable command Engine retarder maximum setting Engine retarder minimum vehicle speed Engine retarder minimum VSL type Engine retarder mode Engine retarder system installation status **Engine rotation** Engine running output Engine running starter inhibit enable status Engine security system status Engine serial number Engine shutdown output Engine shutdown override switch configuration

Engine speed control default source Engine speed control default value Engine speed control default value type Engine speed control source configuration Engine speed control source selection type Engine speed control source transfer maximum speed difference Engine speed decelerating ramp rate Engine speed droop Engine speed drop time Engine speed management feature installation status Engine start choke position Engine start exhaust temperature feedback time configuration Engine start fuel burst command configuration Engine start turbo wastegate position Engine state control default value Engine state control hardwired input type configuration Engine state control input configuration Engine state control input selection method Engine state control secondary input configuration Engine state control source transfer match requirement status Engine type configuration Engine underspeed setting Engine warmup elevated idle delay time Engine warmup elevated idle feature enable status Engine wastegate enable Enhanced autoshift forward track speed control lockout Enhanced autoshift reverse track speed control lockout Caterpillar TRUCK Enhanced cold start feature enable status Enhanced multiple operation attachment valve limit enable status Enhanced multiple operation attachment valve limit installation status **Equipment ID** Ether control Ether solenoid configuration Ethernet media access control (MAC) address Event/Diagnostic message interval (RT) Event/Diagnostic report interval (SMU) Excavator boom configuration Excavator operating mode Excavator stick configuration Exhaust brake mode Exhaust brake switch Exhaust brake/warm up enable Exhaust system high temperature lamp Exhaust system high temperature lamp strategy Exhaust temperature module installation status Exhaust temperature sensor installation status Exhaust valve actuation system installation status Extendable stick cylinder maximum extension length Extendable stick cylinder minimum retraction length Extendable stick cylinder position sensor installation status Extendable stick cylinder position sensor maximum pulse duration Extendable stick cylinder position sensor minimum pulse duration External payload indicator configuration External speed selection switch enable F1 type valve flow derate end pressure

F1 type valve flow derate start pressure F1 type valve maximum flow derate F2 type valve flow derate end pressure F2 type valve flow derate start pressure F2 type valve load sense pressure sensor installation F2 type valve maximum flow derate pressure Factory installed aftertreatment 1 identification number Factory installed aftertreatment 2 identification number Fan control type Fan override switch Fan pulley ratio Fan with engine retarder in high mode Fan with exhaust brake ON Fast fill system installation status Fast idle enable switch Fast idle enabled lamp Fast idle RPM 1 Fast idle RPM 2 (0 = OFF) Fast mode vacuum air filter purge interval Fast travel installation status Feature alarm installation Field totals manual reset status Fifth function enable status Fifth function forward solenoid maximum current Fifth function forward solenoid start current Fifth function rearward solenoid maximum current Fifth function rearward solenoid start current Caterpillar TRUCK Final drive oil recommended maintenance interval Fine swing attachment Fine swing system installation status Fire suppression system installation status First desired timing First forward gear lockup clutch enable First gear autoshift enable status FLS FLS/FTS pair Fluid level additional monitoring system installation status Flywheel teeth Foot switch control mode Foot switch installation status Fording engine speed Forward to reverse desired gear Forward travel aggressiveness offset Fourth function enable status Fourth function forward solenoid maximum current Fourth function forward solenoid start current Fourth function rearward solenoid maximum current Fourth function rearward solenoid start current Fourth lever installation status Frame level enable status Frame leveling system installation status Frame leveling system lockout installation status Friction steer installation Friday security system bypass start time Friday security system bypass stop time

From interlock Front axle tire cold inflation pressure Fuel air ratio control adjust Fuel air ratio map scaling factor Fuel consumed report configuration Fuel correction factor Fuel duration bench test/cell override Fuel duration crank without injection Fuel duration engine retarder fuel shutoff Fuel duration ground level/remote shutdown Fuel duration idle shutdown Fuel duration low rail pressure cranking Fuel duration personality module interlock Fuel duration user defined shutdown Fuel economy mode enable status Fuel economy mode engine speed limit configuration Fuel efficient reverse default setting Fuel enable input configuration Fuel filter (suction side) differential pressure sensor installation status Fuel filter (suction side) intake pressure sensor installation status Fuel filter differential pressure switch configuration Fuel filter recommended maintenance interval Fuel injection pump calibration code Fuel level sensor configuration Fuel level sensor installation status Fuel position multiplier control Caterpillar TRUCK Fuel pressure sensor Fuel pump calibration resistor Fuel pump configuration Fuel pump reference timing angle Fuel pump screen filter recommended maintenance interval Fuel quality Fuel quality input type configuration Fuel quality sensor LHV lower setpoint Fuel quality sensor LHV upper setpoint Fuel rail leak detection sensor installation status Fuel ratio Fuel ratio control offset Fuel specific heat ratio Fuel tank cap recommended maintenance interval Fuel tank configuration code Fuel tank map 0% Fuel tank map 10% Fuel tank map 100% Fuel tank map 15% Fuel tank map 20% Fuel tank map 25% Fuel tank map 30% Fuel tank map 35% Fuel tank map 40% Fuel tank map 45% Fuel tank map 5% Fuel tank map 50% Fuel tank map 55%

SYSTEMS	FUNCTIONS
	Fuel tank map 60%
	Fuel tank map 65%
	Fuel tank map 70%
	Fuel tank map 75%
	Fuel tank map 80%
	Fuel tank map 85%
	Fuel tank map 90%
	Fuel tank map 95%
	Fuel tank maximum volume
	Fuel temperature compensation control enable
	Fuel temperature sensor installation status
	Fuel To air ratio mode
	Fuel/Water separator recommended maintenance interval
	Fuel/Water separator recommended maintenance interval
	Full load intake manifold pressure configuration
	Fumes ventilation installation
	Function instance
	Gain
	Gain offset
	Gas specific gravity
	Gauge cluster 2 installation status
	Gear down protection RPM limit
	Gear down protection turn on speed
	Gear indicator 1F enabled status
	Gear indicator 2F enabled status
	Gear indicator 3F enabled status
	Gear indicator 4F enabled status
Caterpillar TRUCK	Gear indicator 5F enabled status
outerplinal Thook	Gear indicator 6F enabled status
	Gear indicator 7F enabled status
	Gear indicator 8F enabled status
	Gear indicator neutral enabled status
	Gear indicator reverse enabled status
	Gear skip autoshift delay time
	Geared hub gear ratio
	Generator drive ratio
	Generator efficiency configuration
	Generator output power primary input maximum data range
	Generator output power primary input minimum data range
	Generator output power primary input type configuration
	Generator output power secondary input maximum data range
	Generator output power secondary input minimum data range
	Generator output power secondary input type configuration
	Generator output power sensor offset
	Generator output power sensor scale factor
	Generator rated frequency
	Generator rated power
	Generator set application type configuration
	Generator set application type input configuration
	Global gram enable status
	Glow plug start aid installation status
	Governed engine speed
	Governed Speed
	Governor (derivative) compensation percentage
	Governor (integral) stability percentage
	Seconds (integral) stability percentage

Governor (proportional) gain percentage Governor auxiliary 1 (derivative) compensation percentage Governor auxiliary 1 (integral) stability percentage Governor auxiliary 1 (proportional) gain percentage Governor compensation factor Governor gain Governor gain factor Governor gain factor 1 Governor gain factor 2 Governor maximum stability factor 1 Governor maximum stability factor 2 Governor minimum stability factor 1 Governor minimum stability factor 2 Governor stability factor Governor transient response loop gain percentage Governor type Governor type setting Grade check feature installation status Grade control system installation status Grade slope delay time Grapple installation status Ground saw hydraulic flow command percentage Ground speed limiter installation status Ground speed radar installation status Ground speed selection lower limit enable status Hammer automatic control feature activation pressure Hammer automatic control feature deactivation pressure Caterpillar TRUCK Hammer automatic control feature enable status Hammer automatic control feature installation status Hammer installation status Hammer mode Hammer mode flow setting Hammer mode pressure Hammer mode pumps Hammer return to tank solenoid installation status Hammer speed select solenoid installation status Hammer two speed solenoid mode Hammer valve maximum flow configuration Harness code Heated side rear view mirrors installation status Heating value of diesel to heating value of natural gas ratio Heavy attachment control feature installation status Heavy duty brake installation Heavy lift system installation status **High Coolant Temperature Lamp** High coolant temperature lamp configuration High cruise control speed set limit High exhaust system temperature indicator installation status High exhaust temperature lamp DPF outlet temperature threshold High idle droop percentage High idle engine speed High inlet air temperature engine load set point High power auxiliary circuit flow rate High pressure hydraulic oil filter switch configuration High soot load aftertreatment protection enable status

Highest idle speed Hoe auxiliary continuous flow installation status Hoe auxiliary valve 1 enable status Hoe auxiliary valve 1 installation status Hoe auxiliary valve 1 port A solenoid maximum current Hoe auxiliary valve 1 port A solenoid minimum current Hoe auxiliary valve 1 port B solenoid maximum current Hoe auxiliary valve 1 port B solenoid minimum current Hoe auxiliary valve 2 installation status Hoe auxiliary valve 2 port A solenoid maximum current Hoe auxiliary valve 2 port A solenoid minimum current Hoe auxiliary valve 2 port B solenoid maximum current Hoe auxiliary valve 2 port B solenoid minimum current Hoe linkage swing sensor installation status Hoist lower modulation limit Hoist lower valve adjustment status Hoist raise valve adjustment status Hoist system enable status Hold function input configuration Hopper apron installation HVAC elevated idle feature enable status Hydraulic cab riser installation status Hydraulic cab riser lower snubbing angle gain Hydraulic cab riser lower snubbing rate gain Hydraulic cab riser raise snubbing angle gain Hydraulic cab riser raise snubbing rate gain Hydraulic case drain oil filter recommended MI Caterpillar TRUCK Hydraulic cooling fan map Hydraulic modulation feature installation status Hydraulic oil pressure sensor installation status Hydraulic oil recommended maintenance interval Hydraulic oil temperature sensor installation status Hydraulic oil type Hydraulic oil viscosity rating Hydraulic pilot oil filter recommended maintenance interval Hydraulic power high mode selection display enable status Hydraulic power mode Hydraulic power standard mode selection display enable status Hydraulic pressure idle shutdown feature enable Hydraulic pressure idle shutdown maximum pressure Hydraulic pressure idle shutdown minimum pressure Hydraulic pump 1 relief valve pressure setpoint Hydraulic pump 2 relief valve pressure setpoint Hydraulic retarder control system installation status Hydraulic temperature high warning event threshold Hydraulic winch installation status Hydrostatic drive proportional solenoid configuration code Hydrostatic response setting Hydrostatic system configuration code Hystat system test Idle cylinder cutout enable status Idle quality adjustment Idle quality calibration Idle RPM limit Idle shutdown time

Idle shutdown time (0 = OFF) Idle shutdown timer maximum RPM Idle Shutdown Timer Neutral Switch Ignore Configuration Idle shutdown timer system installation status Idle vehicle speed limit Idle/PTO bump RPM Idle/PTO RPM ramp rate Idle/PTO vehicle speed limit Ignition multi strike engine startup activation duration Ignition multi strike feature enable Ignition multi strike mode configuration Ignition timing advance step size Ignition timing retard step size Ignore brake/clutch switch IMO software part number Impending shutdown delay enable status Impending shutdown delay time Implement 1 detent time Implement 2 detent time Implement 3 detent time Implement 4 detent time Implement fine modulation control enable status Implement generator hydraulic flow setting Implement generator installation status Implement hydraulic pump capacity status Implement joystick configuration Implement linkage configuration Caterpillar TRUCK Implement lockout system installation status Implement modulation configuration Implement overload protection feature enable status Implement priority flow mode enable status Implement pump configuration code Implement valve 1 extend solenoid meter-in current Implement valve 1 extend solenoid meter-out current Implement valve 1 maximum operating flow percentage Implement valve 1 retract solenoid meter-in current Implement valve 1 retract solenoid meter-out current Implement valve 2 extend solenoid meter-in current Implement valve 2 extend solenoid meter-out current Implement valve 2 maximum operating flow percentage Implement valve 2 retract solenoid meter-in current Implement valve 2 retract solenoid meter-out current Implement valve 3 extend solenoid meter-in current Implement valve 3 extend solenoid meter-out current Implement valve 3 maximum operating flow percentage Implement valve 3 retract solenoid meter-in current Implement valve 3 retract solenoid meter-out current Implement valve 4 extend solenoid meter-in current Implement valve 4 extend solenoid meter-out current Implement valve 4 installation status Implement valve 4 maximum operating flow percentage Implement valve 4 retract solenoid meter-in current Implement valve 4 retract solenoid meter-out current Implement valve 5 installation status Implement valve 6 installation status

Information units configuration Information units status Initial tool program medium pressure circuit main pump torque reduction Injector 1 Injector 1 trim Injector 10 Injector 11 Injector 12 Injector 13 Injector 14 Injector 15 Injector 16 Injector 2 Injector 2 trim Injector 3 Injector 3 trim Injector 4 Injector 4 trim Injector 5 Injector 5 trim Injector 6 Injector 6 trim Injector 7 Injector 8 Injector 9 Input 19 Input 2 Caterpillar TRUCK Input 3 Input 4 Input 5 Input 6 Input 7 Intake manifold pressure calibration value (absolute) Integrated braking system manual mode enable status Intermediate engine speed Intermediate gears engine RPM limit Intermediate gears turn off speed Internet protocol (IPv4) address Internet protocol (IPv4) network mask Joystick 1 switch valve mode Joystick 1 valve mode Joystick 2 switch valve mode Joystick 3 switch valve mode Joystick 4 switch valve mode Joystick 4 valve mode Joystick handle configuration Joystick heater installation status Joystick input 1 configuration Joystick input 2 configuration Joystick input 3 configuration Joystick input 4 configuration Joystick installation status Joystick mapping configuration Joystick mapping group selection Joystick mapping installation status

Joystick mapping switch installation status Joystick mapping temporary installation status Joystick mapping temporary installation time remaining Joystick steering feature installation status Key off aftertreatment regeneration enable status Key off aftertreatment regeneration maximum time Knife open hydraulic flow command percentage Last successful calibration hours Last tool to change customer parameters Last tool to change system parameters Lateral stability adjustment inhibit installation status Left attachment pedal control mode Left attachment pedal forward control mode Left attachment pedal installation status Left attachment pedal rearward control mode Left brake pedal high calibration Left brake pedal low calibration Left exhaust temperature sensor installation status Left front brake measurement Left front stabilizer extend/retract command Left front tire pressure/temperature sensor identification number Left front tire pressure/temperature sensor installation Left joystick switch 1 control mode Left joystick switch 1 installation status Left joystick switch 2 control mode Left joystick switch 2 installation status Left joystick switch 4 control mode Caterpillar TRUCK Left joystick thumbwheel control mode Left joystick thumbwheel installation status Left ladder installation Left lift cylinder position sensor installation status Left pedal impeller clutch pressure setting Left rear brake measurement Left rear inner tire pressure/temperature sensor identification number Left rear inner tire pressure/temperature sensor installation Left rear outer tire pressure/temperature sensor identification number Left rear outer tire pressure/temperature sensor installation Left rear tire pressure/temperature sensor identification number Left rear tire pressure/temperature sensor installation status Left stabilizer cylinder extend solenoid minimum current Left stabilizer cylinder retract solenoid minimum current Left stabilizer extend solenoid 1 maximum current Left stabilizer retract solenoid 1 maximum current Left travel backward valve calibration offset Left travel forward valve calibration offset Level operation neutralization offset setpoint Lever pattern teach enable Lift cylinder rod end pressure sensor Lift cylinder snubbing enable status Lift linkage feather catch enable status Lift linkage float enable status Lift linkage sensor configuration Lift solenoid valve configuration code Light load mode enable status Lighting shutdown timer duration

Lighting shutdown timer enable status Limp Home desired engine speed Limp Home Engine Speed Ramp Rate Load check Load check enable relay Load dump departure minimum ground speed configuration Loaded machine speed limit Loader arm lift arm installation status Loader auxiliary continuous flow installation status Loader auxiliary hydraulic circuit configuration Loader auxiliary valve installation status Loader auxiliary valve port A solenoid maximum current Loader auxiliary valve port A solenoid minimum current Loader auxiliary valve port B solenoid maximum current Loader auxiliary valve port B solenoid minimum current Loader bucket payload target weight Loader kickout system enable Loader lift cylinder extend solenoid maximum current Loader lift cylinder extend solenoid minimum current Loader lift cylinder retract solenoid maximum current Loader lift cylinder retract solenoid minimum current Loader linkage configuration status Loader machine ID Lockout solenoid Lockup clutch disable feature installation status Lockup clutch disengagement engine speed Lockup clutch in reverse enable status Lockup clutch installation status Caterpillar TRUCK Long range work lights 1 installation status Longitudinal stability indicator hydraulic lockout enable status Longitudinal stability indicator hydraulic lockout installation status Longitudinal stability indicator hydraulic lockout override status Longitudinal stability indicator sensor configuration code Longitudinal stability indicator system installation status Low coolant level lamp Low coolant level lamp configuration Low cruise control speed set limit Low fuel level warning threshold Low idle engine RPM Low idle engine speed Low idle speed Low Oil Pressure Lamp Low oil pressure lamp configuration Low speed shift activation throttle rate of change threshold Low speed shift hold time configuration Low speed shift minimum engine speed configuration Low system battery voltage elevated idle Lower gears engine RPM limit Lower gears turn off speed Lower kickout enable status Lower snubbing enable status Lower solenoid 1 maximum current Lower solenoid 1 start current Machine application configuration Machine body up speed limit

Machine hibernating engine low idle speed configuration Machine inclinometer sensor installation status Machine laser mast enable status Machine laser mast installation status Machine laser sensor installation status Machine lockout system installation status Machine overload pressure sensor installation Machine overload pressure threshold Machine overload speed limit enable status Machine overload warning system installation status Machine payload control system installation status Machine response rate setting Machine Serial Number Machine speed correction factor Machine speed limit Machine speed limit percentage Machine stabilizers hydraulic flow command percentage Machine steering configuration Machine steering pattern configuration Machine system protection strategy installation status Machine underground speed limit Machine working engine low idle speed configuration Magnet boost time Magnet rated power Main chamber fuel pressure calibration value (absolute) Main hydraulic pump solenoid installation status Main pump bypass flow Caterpillar TRUCK Main pump economy mode power shift pressure solenoid current Main pump flow limitation pressure solenoid installation status Main pump initial maximum working torque percentage configuration Main pump power mode power shift pressure solenoid current Main pump swash plate angle machine operating threshold Main pump travel mode power shift pressure solenoid current Mainframe extender installation Maintenance code Maintenance indicator mode Maintenance level 1 cycle interval hours Malfunction indicator lamp configuration Manual economy mode machine power reduction percentage Manual retarding level selection Map adjustment command Marine pod drive installation status Master-to-slave exhaust oxygen offset Max ratings available Maximum boom swing angle configuration Maximum choke position Maximum deceleration pedal position engine speed Maximum desired machine retard speed Maximum engine high idle speed Maximum engine torque limit Maximum fan speed Maximum fan speed ratio multiplier Maximum forward gear ratio Maximum forward ground speed Caterpillar TRUCK Maximum forward track speed

Maximum idle shutdown outside temperature Maximum neutralization brake pressure setting Maximum number of crank cycles Maximum number of security system users Maximum PTO enable speed Maximum PTO vehicle speed Maximum reverse gear ratio Maximum reverse ground speed Maximum reverse track speed Maximum speed setpoint Maximum throttle dial Maximum transmission output speed to enable auto neutral Maximum trolling engine speed Maximum vehicle speed limit Maximum work tool width Mechanical winch installation status Medium pressure attachment installation status Medium pressure circuit 1-A close rate Medium pressure circuit 1-A maximum solenoid current Medium pressure circuit 1-A minimum solenoid current Medium pressure circuit 1-A open rate Medium pressure circuit 1-B close rate Medium pressure circuit 1-B maximum solenoid current Medium pressure circuit 1-B minimum solenoid current Medium pressure circuit 1-B open rate Medium pressure hydraulic circuit configuration Medium pressure hydraulic circuit port A maximum flow limit Caterpillar TRUCK Medium pressure hydraulic circuit port B maximum flow limit Memory mode Minimum auto lube pressure configuration Minimum desired engine cooling fan speed Minimum engine high idle speed Minimum engine torque limit Minimum fan speed Minimum forward start gear configuration Minimum forward start gear input configuration Minimum idle shutdown outside temperature Minimum idle time (0 = OFF) Minimum neutralization brake pressure setting Minimum speed setpoint Minimum throttle dial position Moderate slope operation neutralization offset setpoint Monday security system bypass start time Monday security system bypass stop time Monitoring mode Monitoring mode derates Monitoring mode shut to idle Monitoring mode shutdowns Monitoring mode warnings Monitoring system Monitoring system configuration access Monitoring system configuration code Monitoring system display installation status Multi-Function auxiliary hydraulic system install status Multi-Function output 2

Multi-Function output 3 Multi-Function output 4 Multiple operation maximum extend pilot pressure for attachment valve 1 Multiple operation maximum extend pilot pressure for attachment valve 2 Multiple operation maximum extend pilot pressure for attachment valve 3 Multiple operation maximum extend pilot pressure for attachment valve 4 Multiple operation maximum extend pilot pressure for combined attachment Multiple operation maximum retract pilot pressure for attachment valve 1 Multiple operation maximum retract pilot pressure for attachment valve 2 Multiple operation maximum retract pilot pressure for attachment valve 3 Multiple operation maximum retract pilot pressure for attachment valve 4 Multiple operation maximum retract pilot pressure for combined attachment Multiple pack function cycles configuration Multi-torque ratio Multi-velocity program system installation status Network default gateway internet protocol (IPv4) address Neutral to gear inhibit function configuration Neutralizer switch installation status No load intake manifold pressure configuration Nominal axle ratio - High speed range axle ratio Normal mode gain selection Normal mode response selection Normal mode vacuum air filter purge interval NOx Emission Rating Number of aftertreatment diesel particulate filters Number of auto lube pressure sensors configuration Caterpillar TRUCK Number of available engine power levels Number of available security system keys Number of available tool programs Number of cameras Number of cooling fan blades Number of diesel particulate filters Number of forward gear ratios Number of material height sensors Number of synchronized engines configuration Number of throttles Number of transmission forward gears Number of turbocharger turbine inlet temperature sensors configuration Number of turbocharger turbine outlet temperature sensors configuration Oil level switch Oil pressure warning offset Oil renewal control Oil renewal rate Oil temperature warning light On demand engine power enable status ON/OFF fan output One touch engine speed setting One/Two way valve installation status One/Two way valve mode Operating hours report configuration Operator 1 name Operator 10 name Operator 2 name Operator 3 name

SYSTEMS	FUNCTIONS
	Operator A name
	Operator 4 name
	Operator 5 name
	Operator 6 name
	Operator 7 name
	Operator 8 name
	Operator 9 name
	Operator maximum forward track speed
	Operator maximum reverse track speed
	Operator present system engine shutdown enable
	Output 11
	Output 2
	Output 3
	Output 4
	Output 9
	Outside temperature sensor
	Oxygen feedback enabled
	Oxygen feedback feature enabled status
	Oxygen sensor
	Parallel lift enable status
	Parking brake engaged transmission neutralizer enable status
	Parking brake input
	Parking brake input configuration
	Parking brake input installations status
	Parking brake lockout configuration
	Parking brake operator input configuration
	Parking brake type
	Paving speed limit
Caterpillar TRUCK	Payload control system calibration weight
	Payload lift cylinder maximum velocity configuration
	Payload lift speed skew limit configuration
	Payload weigh activate lift position
	Payload weigh range configuration
	PCS features configuration 2
	Peak torque engine speed
	Percent fuel position
	Personality module code
	Personality module description
	Personality module part number
	Personality module release date
	PLM Enable Status (Billing)
	PM1 interval
	Power management mode engine speed limit configuration
	Powertrain configuration
	Powertrain configuration
	Powertrain data link
	Powertrain priority valve solenoid installation status
	Powertrain protection reset
	Prechamber fuel pressure calibration value (absolute)
	Preferred wireless service configuration
	Primary fuel tank capacity
	Product ID
	Product sales model
	Programmable droop feature installation status
	Programmable engine operator switch
	Programmable travel alarm feature installation status

PTO 1 attachment pump solenoid installation status PTO 1 maximum engine speed PTO 1 maximum gear PTO 1 maximum transmission output speed PTO 1 minimum engine speed PTO 1 minimum gear PTO 1 minimum transmission output speed PTO 1 neutral enable status PTO 1 park gear enable status PTO 1 reverse gear enable status PTO 2 attachment pump solenoid installation status PTO 2 maximum engine speed PTO 2 maximum gear PTO 2 maximum transmission output speed PTO 2 minimum engine speed PTO 2 minimum gear PTO 2 minimum transmission output speed PTO 2 neutral enable status PTO 2 park gear enable status PTO 2 reverse gear enable status PTO accelerator sensor PTO activates cooling fan PTO active output PTO cab controls RPM limit PTO cab throttle RPM limit PTO configuration PTO emergency shutdown Caterpillar TRUCK PTO engine RPM set speed PTO engine RPM set speed (0 = OFF) PTO engine RPM set speed A (0 = OFF) PTO engine RPM set speed B (0 = OFF) PTO engine RPM set speed input A PTO engine RPM set speed input B PTO engine shutdown switch PTO engine speed setting PTO governor maximum integral gain multiplier PTO governor minimum integral gain multiplier PTO governor proportional gain multiplier PTO kickout vehicle speed limit PTO low idle shutdown load percentage threshold PTO mode PTO mode enable status PTO mode gear limit PTO mode maximum engine speed for engagement PTO mode maximum engine speed for operation PTO mode maximum transmission output speed for engagement PTO mode maximum transmission output speed for operation PTO neutral restriction PTO ON/OFF switch PTO output activation engine speed PTO shutdown time (0 = OFF) PTO shutdown timer maximum RPM PTO switch input configuration PTO switch on lamp PTO to set speed

PTO top engine limit Pump to attachment 1 head end valve gain Pump to attachment 1 rod end valve gain Quick coupler installation Quick first gear limit configuration Quick gear limit Quick gear limit switch configuration Quick mode gain selection Quick mode response selection Quick steer enable status Quick steering top gear limit Quick steering top powertrain speed range limit Quick steering top speed limit Quick stop rate Quickshift function control Rackback kickout enable status Rackback kickout feature installation status Rackback snubbing enable status Rackback solenoid 1 maximum current Rackback solenoid 1 start current Radiator cleanout door feature status Raise kickout enable status Raise snubbing enable status Raise solenoid 1 maximum current Raise solenoid 1 start current Rated apparent genset power Rated engine speed Caterpillar TRUCK Rated frequency Rated fuel position Rated fuel volume Rated genset speed Rated peak torque Rated power Rated prime power Rated real genset power Rated standby power Rating configuration Rating number Rating selection Rating type Rear attachment installation status Rear axle gear ratio Rear axle lock feature installation status Rear axle oil cooler installation Rear axle tire cold inflation pressure Rear engine installation Rear hitch configuration status Rear hitch draft sensitivity Rear hitch float damping Rear hitch lower solenoid maximum current Rear hitch lower solenoid minimum current Rear hitch maximum lower rate Rear hitch maximum raise position Rear hitch maximum raise rate Rear hitch pitch backward solenoid maximum current

Rear hitch pitch backward solenoid minimum current Rear hitch pitch forward solenoid maximum current Rear hitch pitch forward solenoid minimum current Rear hitch raise solenoid maximum current Rear hitch raise solenoid minimum current Rear hitch raise/lower software 2 installation status Rear hitch slip sensitivity Rear hitch steer mode Rear hitch steer offset Rear hitch steer sensitivity Rear hitch tilt left solenoid maximum current Rear hitch tilt left solenoid minimum current Rear hitch tilt right solenoid maximum current Rear hitch tilt right solenoid minimum current Rear PTO auto shutoff on hitch raise enable status Rear PTO installation status Rear steer auto alignment system installation status Reduced rimpull Reduced rimpull enable status Reduced rimpull ON/OFF switch installation status Reduced rimpull setting Reduced rimpull switch position 1 setting Reduced rimpull switch position 2 setting Reduced rimpull switch position 3 setting Reduced rimpull switch position 4 setting Reel lube system installation status Refueling pump installation status Caterpillar TRUCK Remote control operator present system engine shutdown enable Remote control system enable Remote control system installation Remote control system temporary installation status Remote control system temporary installation time remaining Remote emergency stop (E-Stop) switch input type configuration Remote operator station ECM installation status Remote PTO resume switch Remote PTO set switch Remote rear PTO software installation status Remote throttle control install Remote throttle control maximum speed Remote throttle control minimum speed Remote throttle control ramp rate Remote torque speed control enable status Report start time Required number of valves Retarder gear limit brake input enabled status Retarder low/high switch configuration Retarder medium/high switch configuration Retarder OFF/low/medium/high switch Return hydraulic oil filter recommended maintenance interval Return to dig feature installation status Return to trench feature installation status Reverse ground speed as a percentage of forward Reverse steering installation status Reverse to forward desired gear Reverse travel aggressiveness offset

Ride control Ride control activation speed Ride control configuration Ride control forward activation speed Ride control pressure equalization time Ride control reverse activation speed Ride control service mode power up default configuration Ride control system installation status Right attachment pedal control mode Right attachment pedal forward control mode Right attachment pedal installation status Right attachment pedal rearward control mode Right exhaust temperature sensor installation status Right front brake measurement Right front stabilizer extend/retract command Right front tire pressure/temperature sensor identification number Right front tire pressure/temperature sensor installation Right joystick switch 1 control mode Right joystick switch 1 installation status Right joystick switch 2 control mode Right joystick switch 2 installation status Right joystick switch 4 control mode Right joystick thumbwheel control mode Right joystick thumbwheel installation status Right lift cylinder position sensor installation status Right rear brake measurement Right rear inner tire pressure/temperature sensor identification number Caterpillar TRUCK Right rear inner tire pressure/temperature sensor installation Right rear outer tire pressure/temperature sensor identification number Right rear outer tire pressure/temperature sensor installation Right rear tire pressure/temperature sensor identification number Right rear tire pressure/temperature sensor installation status Right stabilizer cylinder extend solenoid minimum current Right stabilizer cylinder retract solenoid minimum current Right stabilizer extend solenoid 1 maximum current Right stabilizer retract solenoid 1 maximum current Right travel backward valve calibration offset Right travel forward valve calibration offset Ripper installation status Ripper shank lower solenoid start current Ripper shank raise solenoid start current Road light installation Rocker switch valve mode Rolling totals manual reset status Rolling totals sample hours Rotate function installation status Saturday security system bypass start time Saturday security system bypass stop time Saw bar up hydraulic flow command percentage Scraper overrun protection enable status Screed assist activation delay time configuration Screed lower lock deactivation time configuration Screed raise lock deactivation time configuration Screed type Screed wash installation status

Screed wash system activation time configuration Seawater outlet pressure configuration Second desired timing Secondary desired speed input configuration Secondary engine ECM function configuration Secondary engine ECM installation Secondary fuel enable input enable status Secondary fuel filter differential pressure switch configuration Secondary fuel filter recommended maintenance interval Secondary fuel tank capacity Secondary steering Secondary steering pump installation Secondary throttle enable status Secured parameter Security system access code Security system current key information Security system enable command Security system immobilizer installation status Security system key/user information Selected operator index number Selected system voltage Selected throttle number Service brake input configuration Service brake lamp installation status Service brake operator input configuration Service brake pedal position switch 1 Service brake pedal position switch 2 Caterpillar TRUCK Service console installation status Service hour meter alignment authorization Service mode enable code Shift solenoid Shifter 1 configuration Shifter 2 configuration Shutdown switch Shutdown timer Shutter control Single pump mode maximum extend pilot pressure for attachment valve Single pump mode maximum retract pilot pressure for attachment valve Site specific machine speed limit Sixth function enable status Sixth function forward solenoid maximum current Sixth function forward solenoid start current Sixth function rearward solenoid maximum current Sixth function rearward solenoid start current Skidder configuration status Slow mode vacuum air filter purge interval Smart boom installation status Soft mode gain selection Soft mode response selection Soft vehicle speed limit SoftCruise control Software group description Software group part number Software group release date Sound reduction engine speed limit enable status

Sound reduction test mode enable status Spare relay Spark plug life extension feature enable status Speed enable output turn off speed Speed enable output turn on speed Speed enabled output configuration Speed shift control throttle shift enabled status Speed timing map Speedometer output pulse rate Speedometer/Tachometer 1 installation status Stability maximum Stability minimum Stabilizer alarm enable status Stabilizer automatic stow feature installation status Stabilizer enable status Stabilizer flow control solenoid maximum current Stabilizer installation status Stabilizer minimum rate percentage configuration Stabilizer pressure sensors installation status Stable blade control installation status Stable blade control response configuration Starter pinion engagement detection system enable status Starting aid ON/OFF switch Starting aid output Starting aid output mode Starting system 1 assignment Starting system 1 crank cycle rest interval Caterpillar TRUCK Starting system 1 crank duration Starting system 1 maximum number of crank cycles Starting system 1 type Starting system 2 assignment Starting system 2 crank cycle rest interval Starting system 2 crank duration Starting system 2 maximum number of crank cycles Starting system 2 type Starting system configuration Starting system selection mode Stationary park brake input configuration Steering accumulator bleed system installation status Steering accumulator charging system installation Steering filter bypass warning system installation status Steering modulation setting Steering pump capacity status Steering response rate setting Stick check valve configuration Stick cylinder extend solenoid maximum current Stick cylinder extend solenoid minimum current Stick cylinder extend speed limit maximum pilot pressure Stick cylinder extend speed limit start pilot pressure Stick cylinder extend speed limit system installation status Stick cylinder maximum extension length Stick cylinder minimum retraction length Stick cylinder position sensor maximum pulse duration Stick cylinder position sensor minimum pulse duration Stick cylinder retract solenoid maximum current

Stick cylinder retract solenoid minimum current Stick cylinder retract speed limit maximum pilot pressure Stick cylinder retract speed limit start pilot pressure Stick cylinder retract speed limit system installation status Stick cylinder snubbing angle gain Stick extend speed factor Stick extend valve calibration offset Stick length Stick lower check valve installation status Stick lowering check valve calibration offset Stick maximum extension angle Stick minimum extension angle Stick operation maximum extend pilot pressure for attachment valve Stick operation maximum retract pilot pressure for attachment valve Stick pin G to boom pin A distance Stick pin G to boom pin A distance index number Stick retract speed factor Stick retract valve calibration offset Stoichiometric air/fuel ratio for natural gas fuel Straight travel pedal installation status Sunday security system bypass start time Sunday security system bypass stop time Supplemental steering Swing boom installation status Swing brake activation delay time Swing drive oil recommended maintenance interval Swing left solenoid maximum current Caterpillar TRUCK Swing left solenoid minimum current Swing left speed factor Swing pump economy mode power shift pressure solenoid current Swing pump power mode power shift pressure solenoid current Swing right solenoid maximum current Swing right solenoid minimum current Swing right speed factor System gain System operating voltage configuration Tachometer calibration Tachometer frequency configuration Tamper bar delay time Tamper bar installation status TDC reference timing angle Tertiary desired speed input configuration Tertiary fuel filter recommended maintenance interval Test ECM command Test specification Test specification with brake saver Test specification with sidecovers Theft deterrent password Theft deterrent system control Third desired timing Third function enable status Third function flow limit maximum flow Third function flow limit minimum flow Third function forward solenoid maximum current Third function forward solenoid start current

Third function rearward solenoid maximum current Third function rearward solenoid start current Third function valve maximum flow percentage Third lever installation status Three speed fan brake output Three speed fan slip output Throttle 1 configuration Throttle 1 droop percentage Throttle 1 idle validation maximum ON threshold Throttle 1 idle validation minimum OFF threshold Throttle 1 idle validation switch enable status Throttle 1 lower diagnostic limit Throttle 1 sensor type Throttle 1 upper diagnostic limit Throttle 2 configuration Throttle 2 droop percentage Throttle 2 idle validation maximum ON threshold Throttle 2 idle validation minimum OFF threshold Throttle 2 idle validation switch enable status Throttle 2 lower diagnostic limit Throttle 2 sensor type Throttle 2 upper diagnostic limit Throttle 3 configuration Throttle 3 sensor type Throttle actuator trim Throttle arbitration method Throttle arbitration mode Caterpillar TRUCK Throttle deactivated retarding enable status Throttle dial flow control Throttle dial position 1 engine speed Throttle dial position 1 hydraulic system torque percentage Throttle dial position 10 engine speed Throttle dial position 10 hydraulic system torque percentage Throttle dial position 2 engine speed Throttle dial position 2 hydraulic system torque percentage Throttle dial position 3 engine speed Throttle dial position 3 hydraulic system torque percentage Throttle dial position 4 engine speed Throttle dial position 4 hydraulic system torque percentage Throttle dial position 5 engine speed Throttle dial position 5 hydraulic system torque percentage Throttle dial position 6 engine speed Throttle dial position 6 hydraulic system torque percentage Throttle dial position 7 engine speed Throttle dial position 7 hydraulic system torque percentage Throttle dial position 8 engine speed Throttle dial position 8 hydraulic system torque percentage Throttle dial position 9 engine speed Throttle dial position 9 hydraulic system torque percentage Throttle failure mode latch enable status Throttle input 2 high idle duty cycle setpoint Throttle input 2 low idle duty cycle setpoint Throttle input high idle duty cycle setpoint Throttle input low idle duty cycle setpoint Throttle jerk command

Throttle lock decrement speed ramp rate Throttle lock disengagement brake pressure Throttle lock enable gear limit Throttle lock engine set speed 1 Throttle lock engine set speed 2 Throttle lock engine set speed decrement Throttle lock engine set speed increment Throttle lock engine speed limit Throttle lock feature installation status Throttle lock increment speed ramp rate Throttle lock kickout minimum ground speed configuration Throttle lock maximum machine speed Throttle pedal configuration Throttle position 1 engine speed Throttle position 10 engine speed Throttle position 11 engine speed Throttle position 12 engine speed Throttle position 13 engine speed Throttle position 14 engine speed Throttle position 15 engine speed Throttle position 16 engine speed Throttle position 2 engine speed Throttle position 3 engine speed Throttle position 4 engine speed Throttle position 5 engine speed Throttle position 6 engine speed Throttle position 7 engine speed Caterpillar TRUCK Throttle position 8 engine speed Throttle position 9 engine speed Throttle position sensor Throttle selection status Thursday security system bypass start time Thursday security system bypass stop time Tilt cylinder extend solenoid maximum current Tilt cylinder extend solenoid minimum current Tilt cylinder retract solenoid maximum current Tilt cylinder retract solenoid minimum current Tilt cylinder snubbing enable status Tilt function enable status Tilt left solenoid maximum current Tilt left solenoid start current Tilt lever installation status Tilt linkage sensor configuration Tilt right solenoid maximum current Tilt right solenoid start current Tilt solenoid valve configuration code Time zone information Tire monitoring system barometric pressure compensation enable status Tire monitoring system first alert pressure percentage threshold Tire monitoring system first alert temperature compensation enable status Tire monitoring system high pressure first alert warning level Tire monitoring system high temperature threshold Tire monitoring system high temperature warning level Tire monitoring system installation status Tire monitoring system low pressure first alert warning level

Tire monitoring system low pressure second alert warning level Tire monitoring system second alert pressure percentage threshold Tire monitoring system second alert temperature compensation enable status Tire rolling circumference Tire rolling radius Tire type To interlock Tool configuration status Tool program attachment valve 1 one/two way valve mode Tool program attachment valve 2 one/two way valve mode Tool program attachment valve 3 one/two way valve mode Tool program attachment valve 4 one/two way valve mode Tool program boom down regeneration pressure offset Tool program left joystick switch 4 control mode Tool program main pump flow limit function enable status Tool program name Tool program part number Tool program pump flow control mode Tool program right joystick switch 4 control mode Tool program tool type Top drive gear select enable status Top engine fan speed Top engine limit Top engine limit with droop Top engine speed high limit Top engine speed range Top gear minus one ratio Caterpillar TRUCK Top gear minus two ratio Top gear ratio Top ground speed Topping saw hydraulic flow command percentage Torque converter freewheel stator installation status Torque converter pedal impeller clutch minimum pressure setting Torque converter serial number Torque limit Torque limit enable status Torque limit switch Total operating hours Total operation time Total paving distance traveled (odometer) Total paving hours Total tattletale Total tool program medium pressure circuit main pump torque reduction Traction control system installation status Tractor gauge Trailer air brakes installation status Trailer stabilizers hydraulic flow command percentage Trans oil temperature and pressure sensor Trans oil temperature high set point Transfer case ratio high gear Transfer case ratio low gear Transmission alternate maximum gear configuration Transmission alternate shift schedule configuration Transmission calibration configuration Transmission calibration selected clutch

Transmission configuration code Transmission creeper gear installation status Transmission default maximum gear configuration Transmission default shift schedule configuration Transmission default torque limit reset Transmission direction switch 2 installation status Transmission direction switch 2 type Transmission direction switch installation status Transmission dropbox disconnect 3 installation status Transmission dropbox installation status Transmission fail in gear enabled status Transmission hold enable status Transmission initial forward gear Transmission interface relay Transmission latching system installation status Transmission lever installation status Transmission lockout system installation status Transmission maximum forward gear Transmission maximum reverse gear Transmission minimum forward autoshift gear Transmission minimum reverse autoshift gear Transmission neutral coast limiting feature enable status Transmission neutral start interlock Transmission neutral switch Transmission oil level warning system installation status Transmission oil pressure high set point Transmission oil pressure low set point Caterpillar TRUCK Transmission oil pressure sensor Transmission oil pressure sensor configuration Transmission oil temperature configuration Transmission oil temperature high set point Transmission oil temperature sensor Transmission oil type configuration Transmission output shaft revolutions configuration Transmission output shaft torque limit configuration Transmission output speed limit Transmission requested engine speed limit Transmission retarder input configuration Transmission retarder installation status Transmission retarder top gear limit configuration Transmission second forward gear start feature enable status Transmission shifter 1 alternate maximum forward gear Transmission shifter 1 autoshift enable status Transmission shifter 1 backup alarm enable status Transmission shifter 1 dropbox disconnect configuration Transmission shifter 1 forward start gear Transmission shifter 1 input configuration Transmission shifter 1 low idle shift interlock enable status Transmission shifter 1 maximum forward gear Transmission shifter 1 minimum forward gear Transmission shifter 1 park gear enable status Transmission shifter 1 reverse gear enable status Transmission shifter 1 torque converter lockup enable status Transmission shifter 1 transmission mode Transmission shifter 1 transmission output torque limit

Transmission shifter 2 alternate maximum forward gear Transmission shifter 2 backup alarm enable status Transmission shifter 2 dropbox disconnect configuration Transmission shifter 2 forward start gear Transmission shifter 2 input configuration Transmission shifter 2 low idle shift interlock enable status Transmission shifter 2 maximum forward gear Transmission shifter 2 minimum forward gear Transmission shifter 2 park gear enable status Transmission shifter 2 reverse gear enable status Transmission shifter 2 torque converter lockup enable status Transmission shifter 2 transmission output torque limit Transmission soft shift enable status Transmission style Transmission type Trasmission serial number Travel alarm installation status Travel alarm mode Travel motor bypass delay time Travel motor hydraulic brake flow configuration Travel pedal aggressiveness offset Travel pedal lock installation status Travel speed shift high delay Travel speed shift high pressure Travel speed shift low delay Travel speed shift low pressure Travel system uncommanded motion detection type Caterpillar TRUCK Truck hitch installation Truck manufacturer Truck model Truck payload target weight TSC1 droop percentage Tuesday security system bypass start time Tuesday security system bypass stop time Turbocharger speed sensor installation status Two pump flow combine enable Two speed axle - Low speed range axle ratio Two travel speed motor installation status Two-speed axle switch Undercarriage length configuration Underspeed enable Unfiltered engine oil pressure sensor installation status Unfiltered fuel pressure sensor installation status User defined shutdown enable status User defined switch action configuration User defined switch active state configuration User defined switch installation Vacuum air filter 1 purge configuration Vacuum air filter 2 purge configuration Vacuum air filter purge change delay time between filters Vacuum system blower temperature control system activation temperature Valve 1 nominal pressure Valve 2 nominal pressure Valve 3 nominal pressure Valve 4 nominal pressure

SYSTEMS	FUNCTIONS
	Variable adjustable boom installation status
	Variable engine horsepower installation status
	Variable pitch engine fan
	Variable pitch engine fan blade cooling position
	Variable relief valve 1 configuration
	Variable relief valve 1 pressure
	Variable relief valve 2 configuration
	Variable relief valve 2 pressure
	Variable relief valve type configuration
	Variable shift control enable
	Vehicle application type
	Vehicle ID
	Vehicle overspeed threshold
	Vehicle speed calibration
	Vehicle speed calibration (J1939-ABS)
	Vehicle speed calibration (J1939-Transmission)
	Vehicle speed input
	Vehicle speed limit
	Vehicle voltage selection
	Vibratory system configuration code
	Vibratory system enable delay time
	Virtual ceiling enable status
	Virtual fence system installation status
	VSL protection
	Wait-to-start lamp
Caterpillar TRUCK	Warm up mode idle speed
	Warning lamp configuration
	Warning level 1 report configuration
	Warning level 2 report configuration
	Warning level 3 report configuration
	Wastegate (derivative) compensation percentage
	Wastegate (integral) stability percentage
	Wastegate (proportional) gain percentage
	Wastegate compensation factor
	Wastegate gain factor
	Wastegate position command
	Wastegate stability factor
	Water separator level switch configuration
	Wednesday security system bypass start time
	Wednesday security system bypass stop time
	Winch enable status
	Winch spool in solenoid maximum current
	Winch spool out solenoid maximum current
	Window defroster installation
	Window defroster timer duration
	Work light installation
	Work tool control system enable status
	Work tool control system enable status  Work tool control system operation mode
	Work tool display status
	Work tool display status  Work tool self level system installation status
Marcadas ASA Additional stagging aylo	Parametrisation
Mercedes ASA Additional steering axle	
	ADR and accelerator pedal lock enable
Mercedes MP4 PSM Parameterizable Special Module	Body builder and trailer interface
	Bus-stop brake
	Buzzer

SYSTEMS	FUNCTIONS
	Continuous brake level activation
	Control panel disconnection
	Engagement input characteristics
	Engagement output characteristics
	Engine speed signal (PPM)
	Engine stop
	FCAN event match at switchover output
	Fixed speed and speed limitation
	Freely parameterizable function
	Increase, decrease or disengage the engine speed
	Load limit regulation signal (PWM)
	Locking of the vehicle
	Manual accelerator
	Move the lever on Neutral position
	Nominal engine torque
	Parameters setting: load from ECU
	Parameters setting: write to ECU
	Parametrisation
Mercedes MP4 PSM Parameterizable Special Module	Power take off 1
Mercedes Wil 41 SW1 arameterizable Special Module	Power take off 2
	Power take off 3
	Power take-offs integral to the engine
	Powertrain disconnected externally
	PTO engaged
	Pulse mode or ramp mode
	PWM1 signal
	PWM2 signal
	Remote control clutch
	Retarder activation
	Retarder condition
	Retarder OFF
	Reverse lock
	Special emergency operation mechanism
	Speed limit
	Speed signal
	Start inihibitor
	Start the engine
	'Stop brake' request
MERCEDES Sprinter 906 CRD 3	Reset warning message SCR/AdBlue
	Cruise: Auto resume
Detroit Injection	Cruise: Enable cruise
	Cruise: Enable dynamic braking
	Cruise: Enable engine brake
	Cruise: Engine brake speed sensor (VSS)
	Cruise: Engine brake speed activation
	Cruise: Engine brake speed increment
	Cruise: Initial RPM cruise
	Cruise: Maximum cruise speed
	Cruise: Minimum cruise speed
	Cruise: RPM increment cruise
	Diesel particulate filter reset
	Econ & ESS: Fuel economy incentive calculation type
	Econ & ESS: Fuel economy incentive minimum economy
	EGR sensor calibration
	IDS & VSG: enable idle shutdown

SYSTEMS	FUNCTIONS
	ISD & VSG: Enable cruise control switch VSG
	ISD & VSG: Idle shutdown at cold extreme temperature
	ISD & VSG: Idle shutdown at extreme temperature
	ISD & VSG: Idle shutdown at hot extreme temperature
	Misc: Check to enable DDEC data group(s) activity
	Misc: Check to enable DDEC data group(s) Diagnostic records
	Misc: Check to enable DDEC data group(s) Engine maintenance
	Misc: Check to enable DDEC data group(s) Engine usage
	Misc: Check to enable DDEC data group(s) hard brake/last stop incidents
	Misc: Maintenance alerts filters
	Misc: Maintenance alerts levels
	Protection: Auxiliary shutdown 1
	Protection: Coolant level (Engine protection)
	Protection: Coolant temperature (Engine protection)
	Protection: Oil pressure (Engine protection)
	Protection: Oil temperature protection
	Shift: Low gear 1 maximum limit
	Shift: Low gear 1 on speed
	Shift: Low gear 1 RPM limit
	Shift: Low gear 2 maximum limit
	Shift: Low gear 2 on speed
	Shift: Low gear 2 RPM limit
Detroit Injection	Shift: Low gear torque limit (ft-lb)
	Shift: Low gear torque limit enable/disable
	Shift: Low gear torque limit set speed
	Shift: Low gear torque limit Threshold
	Shift: Low gear, enable progressive shift
	Speed limit: Maximum Vehicle Speed (Customer)
	Speed limit: Maximum Vehicle Speed (OEM)
	Speed limit: Overspeed limit
	Speed limit: Overspeed no fuel
	Speed limit: PasSmart duration
	Speed limit: PasSmart reset interval
	Speed limit: PasSmart speed increment
	Vehicle: Half engine mode
	Vehicle: Idle adjust
	Vehicle: Injectors calibration
	Vehicle: LSG Droop RPM
	Vehicle: Set ECM clock
	Vehicle: Vehicle Identification Number
	Vehicle: Vehicle unit number
	VSS: Axle ratio
	VSS: Enable anti-tamper
	VSS: Tire size
	VSS: Top gear ratio
	VSS: VSS teeth
Isuzu CAT Smoother / Transtron	PTO rpm
IND EUS Canter TF	Cancellation of the engine start limitation
ABS Canter EU5	Manual configuration
ADO GARREL EUU	Engine serial number
VM MOTORI Diesel Injection	
•	VIN writing
	Accelerate down for TIP
DAF DMCI (Mobile)	Accelerates from idle until the preset speed in ESC
	Accelerator pedal
	Brake

SYSTEMS	FUNCTIONS
	Clutch
	Cruise max speed
	Decelerates from the preset speed in ESC at idle
	Engine limitation 1
	Engine limitation 1 Engine limitation 2
	Engine limitation 2 Engine limitation 3
	ESC maximum speed
	ESC minimum speed
	ESC n1 cabin
	ESC n2 cabin
	ESC n2 change application connector
	ESC n3 change application connector
	ESC torque reduction
DAF DMCI (Mobile)	ESC Variable connector application  ESC VMax
DAF DIVICI (MODILE)	
	Fuel correction factor
	Idle speed adjustment
	Idle speed offset  Idle speed offset delay
	Maximum engine speed through accelerator pedal
	Maximum Vehicle Speed (Customer BUS)
	Maximum Vehicle Speed (Customer TRUCK)
	Maximum Vehicle Speed (OEM)
	Oil level sensor calibration
	Parking brake
	Speeds up for TIP
	Total fuel consumption
	VIN writing
	VMax application speed
	Parameters setting: load from ECU
	Parameters setting: load from Exchange Manager\in
HALDEX EB+ Generation 3 (Mobile)	Parameters setting: save to Exchange Manager\out
	Parameters setting: write to ECU
	Special parameterizations
	Vehicle configuration
	Parameters setting: load from ECU
	Parameters setting: load from Exchange Manager\in
Download Actia VDL (Mobile)	Parameters setting: save to Exchange Manager\out
	Parameters setting: write to ECU
	Programming: upload from PC
	Programming: write in the ECU
VDO KIBES 2 Download (Mobile)  Iveco IBC Eurocargo Eu3 (Mobile)	Programming: upload from PC
	Programming: write in the ECU  ECU replacement
	ECU replacement  Modify configuration
Allicon Automatic Transmission (Mahila)	Modify configuration  PTO parameters
Allison Automatic Transmission (Mobile)	PTO parameters  AdRIvo pump
IVECO Noxtronic 2 (Mobile)	AdBlue pump
Cummins engine J1708 (Mobile)	Dosage Module  Maximum Vahiala Speed (Customer)
	Maximum Vehicle Speed (Customer)  Maximum Vehicle Speed (Global)
	Maximum Vehicle Speed (Global)  Maximum Vehicle Speed (GEM)
	Maximum Vehicle Speed (OEM)
	Idle adaptation system  Maximum and limitation (quaternar)
	Maximum speed limitation (customer)
	Maximum speed limitation (OEM)
Articulation management Hubner (Mobile)	Parameters setting: load from ECU

SYSTEMS	FUNCTIONS
Articulation management Hubner (Mobile)	Parameters setting: write to ECU
	Cruise control - Lower droop
	Cruise control - Maximum speed
	Cruise control switch setup - Driver reward (enable/disable)
	DEF (Diesel Exhaust Fluid) dosing system purge count reset
	ECM date/time adjust
	Idle adaptation system
	Idle shutdown
	Idle shutdown - Time before shutdown
	Maintenance schedule service logging
	Maximum Vehicle Speed (Customer)
	Maximum Vehicle Speed (OEM)
	PTO additional switch speed
	PTO maximum engine load
	PTO maximum speed
	PTO maximum vehicle speed
	PTO minimum speed
	PTO ramp rate
	PTO resume switch speed
	PTO set switch speed
0.000 5.55 (4.4.1.1.)	PTO speed 1 device
Cummins Eu5/6 (Mobile)	PTO speed 2 device
	PTO speed 3 device
	PTO speed 4 device
	PTO speed 5 device
	PTO speed 6 device
	PTO speed 7 device
	PTO speed 8 device
	Rear Axle Ratio Low
	Reset NOx
	Road speed governor - Lower droop
	Road speed governor - Maximum accelerator vehicle speed
	Road speed governor - Maximum vehicle speed
	Road speed governor - Smart road speed governor (enable/disable)
	Road speed governor - Upper droop
	Tire size
	Trip information - Vehicle overspeed 1
	Trip information - Vehicle overspeed 2
	Vehicle speed sensor anti-tampering - Tampering sensitivity level
	Vehicle speed sensor anti-tampering (enable/disable)
	Vehicle speed source - Maximum engine speed without vehicle speed source
	Vehicle speed source - Number of transmission tailshaft gear teeth
	Calibration of axle load sensors
Wabco TEBS E (Mobile)	GIO operation hour counter
	Immobilizer parameters
	Optional parameters
	Parameters setting: load from ECU
	Parameters setting: load from Exchange Manager\in
	Parameters setting: save to Exchange Manager\out
	Parameters setting: write to ECU
	RSS (Roll Stability Support)
	Special parameterizations
	Trailer emergency brake parameters
	Vehicle configuration
DEUTZ EMR3 (Mobile)	Parameters setting: load from ECU
· ·	

SYSTEMS	FUNCTIONS
DEUTZ EMR3 (Mobile)	Parameters setting: write to ECU



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