CV
SOFTWARE
UPDATE

AUTEL®

Update for MaxiSys MS909CV

Caterpillar Construction Vehicle 〖 V1.00 〗

1. Supports diagnostic functions for equipment below: Backhoe Loaders, Dozers, Excavators, Skid Steer and Compact Track Loaders, Telehandlers, and Wheel Loaders.

2. Supports diagnostic functions for 121 systems below: AC Compressor Gateway, AC Load Control, Accessory Power Converter, Aftertreatment Control, Aftertreatment Regeneration Device (ARD) Air Valve Controller, Ag Hitch, Analysis Module, Annunciator, Auto-Guide Control, Autonomous Control, AWD, Blade Inclination Sensing, Blade Rotation Sensing, Blank 3rd Party Module, Blank ECM, Brake, Cab Air Quality Module, Cab Temperature Control, CAES, Center Engine Alarm Control, Charger Input, Charger Output, Chassis Control, Communication Gateway, Compaction #1, Coolant Temperature Control, Cylinder Pressure Sensing 1, Data Acquisition Module, Data Link Translator, Diesel Exhaust Fluid (DEF) Controller, Digital Voltage Regulator, Discrete I/O Module, Drivetrain Pressure, Electric Energy Storage, Electronic Ignition System, EMCP, Energy Storage Monitor, Engine, Engine 2 Diesel Exhaust Fluid (DEF) Control, Engine Aftertreatment, Engine Sensing, Excavator, Exhaust Gas Recirculation (EGR) Valve Controller, Fan Control, Fuel Measurement, Gas Actuation Valve, Gear Selector Lever, Genset Control, Grade/Slope Control, Graphical Display Module, Heating Element Control, Hydraulic Control, Hydraulic Pump, Hydraulic Restriction, ICSM, Idle Reduction Control, Ignition Control, Impl Ctrl Valve Module, Implement Control, Informational Display, Input/Output Module, Instrument Cluster, Intrusion Detection, Inverter Power Management, ITSM, Left Electronic Mast, Left Implement, Left Laser Receiver, Left Sonic Receiver, Mach Inclination Sensing, Mach Target Tracking Sensor, Machine Control, Machine Monitoring, Machine Security System, Monitor System, Motor Control, Motor Power Inverter, Object Detection System, OEM Control, Operator Control Panel,

Operator Station, Paralleling Control, Particulate Filter Module, Particulate Matter Control, Payload System, PCS, Position Display System, Power Electronics, Power Inverter, Power Management, Powertrain Control, Product Link, Proximity Detection, Public Control, Remote Control, Right Electronic Mast, Right Implement, Right Laser Receiver, Right Sonic Receiver, RTD Module, Seat Belt Control, Seat Control, Security System, Steering Control, Supervisory Control, Suspension System Control, Telematics Interface, Temperature Sensing, Thermocouple Module, Tiltrotator, Tire Monitoring Control, Traction Control System (TCS), Translator Control, Transmission, Valve Software Loader, VCM, Vision Display, Water Pump Control Module, Well Stimulation Pump, Wireless Transceiver, and Work Tool.

3. Supports basic functions below: Read Codes, Erase Codes, Live Data, and Freeze Frame.

4. Supports active tests below: DEF Dosing System Verification Test, DEF Heated Line Test, and DEF Dosing System Accuracy Test.

5. Supports special functions below: Injector Codes Calibration, Injector Trim Calibration, DEF Dosing Control Module Reset, Oil Life Reset, Manual DPF Regeneration, Ash Service Regeneration, ARD Ignition Test, DPF Soot Loading Sensor Functional Test, EGR System Test, DPF Soot Loading Sensor Calibration, Aftertreatment Diesel Exhaust Fluid Tank Heater Test, Aftertreatment NOx Sensor Functional Test, Aftertreatment System Functional Test, and ARD Ignition Test.

Caterpillar Engine 【 V2.00 】

1. Supports diagnostics for 68 series of engine systems below: 1506, 2206, 3000, 3050, 30600, 3126, 3126B, 3176, 3176C, 3196, 3400, 3500, 3600, C-10, C11, C-12, C13, C13B, C13X, C140, C15, C-15, C15B, C-16, C175, C18, C-18, C18B, C2.2, C2.4, C2.8, C27, C280, C3.3B, C3.4B, C3.6, C3.8, C32, C4.4, C43, C7, C7.1, C9, C-9, C-9, C9.3 D6, C9.3B, CG137, CG170, Dual fuel 3600, EMD 710 rail, EP C13, EP C18, G3300, G3400, G3500, G3600, GCM34, M20, M25, M32, M43, TCG3016, TCG3020, TCG3021, TCG3032, VM32, and VM43 series engine.

2. Supports basic functions below: Read Codes, Erase Codes, Live Data, and Freeze Frame.

3. Supports active tests below: DEF Dosing System Verification Test, DEF Heated Line Test, and DEF Dosing System Accuracy Test.

4. Supports special functions below: Injector Codes Calibration, Injector Trim Calibration, DEF Dosing Control Module Reset, Oil Life Reset, Manual DPF Regeneration, Ash Service Regeneration, ARD Ignition Test, DPF Soot Loading Sensor Functional Test, EGR System Test, DPF Soot Loading Sensor Calibration, Aftertreatment Diesel Exhaust Fluid Tank Heater Test, Aftertreatment NOx Sensor Functional Test, Aftertreatment System Functional Test, and ARD Ignition Test.

Detroit Engine 【 V1.50 】

1. Adds software versions for systems including Common Powertrain Controller 3 (CPC302T), Common Powertrain Controller 4 (CPC04T), Common Powertrain Controller 5 (CPC501T), Motor Control Module 2.1 (MCM21T), Motor Regulator 2 (MR201T), Common Powertrain Controller EPA10 (CPC02T), Motor Control Module EPA10 (MCM02T), Common Powertrain Controller EPA07 (CPC2), and Motor Control Module EPA07 (MCM).

2. For systems with newly added software versions, supports more than 60 special functions including DDEC DataPages, Engine Idle Shutdown, SCR System, Configure Passwords, Countershaft Brake Test, Cylinder Cutout (Manual), DPF System, EGR Low Flow Test, NOx Sensor Verification, Optimized Idle, Progressive Shift Enable/Disable, DPF Ash Accumulator, Fuel System Integrity Check, High Pressure Leak Detection, Clear Non Erasable Fault Code(s), DEF Coolant Valve Control, DEF Quantity Test, DOC Face Plug Cleaning, DOC Lightoff Temperature Reset, Fault Memory Manager Reset, Idle Speed Balance, SCR and DPF Voltages, EGR Valve Position Control, FIS Water In Fuel, and Mechanical Compression Test.

3. Adds service function and hot function below: Idle Shutdown and Trip Report.

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