

# JALTEST SOFTWARE INNOVATIONS 24.1 INNOVATIONS

# 24.1

**Jaltest Central Services, full launch. Some of the available advanced actions are listed below.**

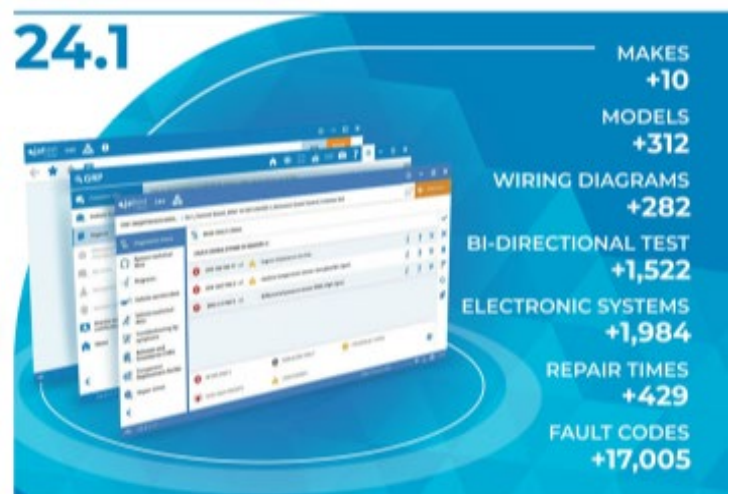
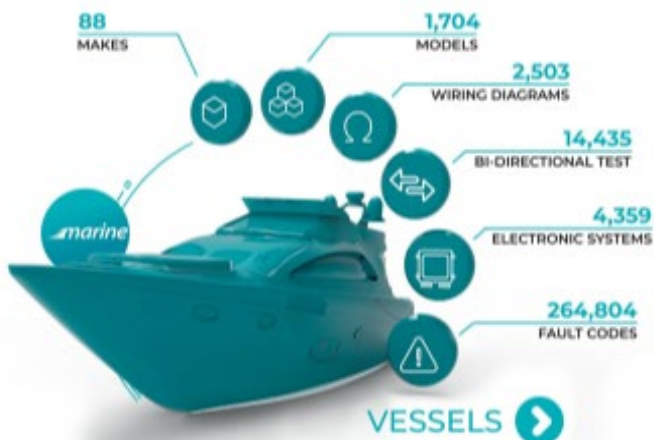
- **International Body Controller Update.**
- **Paccar MX PCI Engine (EPA 13, EPA 14).**
- **Cummins Revision Update.**



**PLEASE VISIT  
JALTEST CENTRAL SERVICES**

**Graphic interface optimizations:**

- **Add new formats to the table cells and highlights data.**
- **Attach the diagnostics report to a Jaltest Feedback.**
- **Clear fault codes directly from the results of a system scan process.**



[New CV 24.1 Innovations](#)  
[CLICK HERE](#)

## HEAVY DUTY VEHICLES

### AUTOCAR

Wiring diagrams that include the bodybuilder connectors and their electrical connections in Xpert ACMD and Xpeditor ACX Series.

### CUMMINS

GHG21 engine systems:

- B6.7, L9, X12/X15 CM2450 enhanced fuel System Display and new component images.
- L9 CM2450 system checks: verify the intake air heater.

GHG17 engine systems:

- B4.5/B6.7, L9 X12 and X15 CM2350, enhanced fuel System Display, system checks to verify the intake air control and NOx sensor performance after catalytic converter.

EPA07/10/13 engine systems:

- ISB, ISC, ISL and ISX enhanced fuel System Display, switches test for ISB6.7 CM2250.

EPA04 engine systems:

- ISC/ISL CM850 engine control system, enhanced fuel System Display, 80 component replacement guides.

CNG engine systems:

- X15N CM2380 15 component replacement guides.

### DETROIT DIESEL

DDEC13/16 EPA13/ and GHG14/17 vehicles:

CPC4 powertrain module, monthly operation data and optimized idle parameters.

MCM2.1 DD5/DD8 injector coding and injector reset functions.

### FREIGHTLINER

M2 and SD Plus Series: Model technical data. Econic SD [2018 - ...] model:

- CLCS level regulation system, basic functions including wiring diagrams.
- EBS electronic braking system, basic functions including wiring diagrams.
- MUX multiplex system.
- PSM parametrizable special module.

### INTERNATIONAL

Wiring diagrams that include the bodybuilder connectors and their electrical connections in TerraStar, TranStar and 9900i GHG17/21 models. Model technical data for CityStar CF500 and CF600 Series.

### NAVISTAR

SCR engines:

- A26 GHG17 engine control system, operation data.

Procedures such as injector replacement for A26 engines.

### PACCAR

GHG 21 vehicles:

- PCI-2 GHG21 engine control system, more than 300 SMART guides.

### VOLVO

VAH, VHD, VNL and VNR models: Wiring diagrams that include the body builder connectors and their electrical connections in

EMS V3 engine control system, new maintenance functions available.

### PETERBILT

Wiring diagrams that include the bodybuilder connectors and their electrical connections in 348 and 220 Series models.

### STERLING

Model technical data for Acterra and Set-Back Series.

### VOLVO AND MACK

US13-GHG21 vehicles:

- EMS, ACM, TECU systems, more than 20 component replacement guides, new location and component images.

### WESTERN STAR

Model technical data for all models, including: 4700 and 4900 Series, 47X and 49X Series and 5700 and 6900 Series.

## LIGHT/MEDIUM DUTY

### DODGE

RAM ProMaster [2014 - 2021] models.

TPM tire pressure monitor.

ORC airbag system.

HVAC air conditioning system.

RFH steering system.

New RAM ProMaster 1500/2500/3500 [2020 - 2021].

Wiring diagrams that include the bodybuilder connectors and their electrical connections in RAM ProMaster [2019 - 2021] models.

### GMC/CHEVROLET

New GMC/Chevrolet Savana/Express [2018 - ...].

Permanent fault codes for all Duramax engines.

New AGV 24.1 Innovations  
[CLICK HERE](#)

## NEW MAKES AND MODELS

### NEW MODELS

- **CLAAS:**
  - Axion 6X0 - 9X0 (A64), engine: Tier 5/ Stage V.
- **LANDINI:**
  - 5 Series, Tier 5/Stage V.
- **MASSEY FERGUSON:**
  - 3400 Series.
- **NEW HOLLAND:**
  - T3000 Series
  - T4 Series (PowerStar), Interim Tier 4.
- **PELLENC:**
  - Buggy Maxi 5000 S.
- **SILOKING:**
  - Selfline 4.0 Compact, Premium, System 1000+, System 500+.
- **TERRAGATOR:**
  - 8203; 8204; 9203.

## DIAGNOSTICS AND SYSTEMS

### CASE IH

- ADIC instrument cluster and RPTO rear power take-off in the Farmall C Series model, engine: Tier 5/ Stage V.
- TCM transmission, calibration for Farmall C Series models, engine: Tier 5/Stage V.
- FPT EDC 17 CV41 + Denox 2.2 engine control system for Optum Series (TMR) models, engine: Final Tier 4/ Stage IV, Puma Series - CVT (TMR), engine: Final Tier 4.

### DEUTZ-FAHR

- SECU central computer, parameter setting of the power take-off, the rear lift and the axle system management (ASM) for 6 Series models.
- DEUTZ EMR5 - EDC MD1 engine control system, activations and checks of the AdBlue/DEF system for 6 Series, 7 Series, 8 TTV Series and 9 TTV Series models, among others.

### FENDT

- Husco Auxiliaries Valves hydraulic system for the 1100 MT Series model, engine: Final Tier 4/ Stage IV.
- MAN EDC 17 CV42 engine control system, reset of the pressure relief valve for 900 Vario Series (GEN6) and 1000 Vario Series.

### JOHN DEERE

- ECU HPCR (Level 40) engine control system, vehicle technical data for new engine types in 7R, 8R and 9R Series models.
- CCU central computer, calibration of the radar and the GPS-based wheel slip for 7R, 8R and 9R Series models.
- PTI (AutoPowr-IVT) transmission, reset of the system calibration values for 7R Series models.
- 6R Series: SB4, SB5 and SB6 hydraulic systems.
- 8R Series: ATC (MY22) climate control.
- 7030 Series: Wiring Diagrams.

### LANDINI

- FPT EDC MD1 CS069 engine control system for 5 Series models, engine: Tier 5.
- FPT EDC 17 CV41 + Denox 2.2 engine control system, reset of the temperature sensor of the oxidation catalyst for 7 Robo-six Series (160/180/200/220/230) and 7 VShift Series model Final Tier 4.

### MASSEY FERGUSON

- SRC14-34 central computer, calibrations of the rear lift, the clutch pedal, the forward speed and the rear power take-off for 6700 S, 7700 S and 8700 S Series models.
- PVED steering system, calibrations of the wheel turning angle sensor and the steering valve for 6700 S, 7600, 7700 S, 8600 and 8700 Series models.
- MFA armrest system, calibration of the spool valve control lever for 6700 S, 7600, 7700 S, 8600 and 8700 Series models, among others.
- New actuations of the solenoid valves of the cab suspension in the TECU system of 6600 and 7600 Series models.

### NEW HOLLAND

- FPT EDC MD1 CE101 engine control system, check of the engine cooling fan for the T6 Series - Auto Command model, engine: Tier 5.
- Parameter setting in the TCM system for T5 Series - Electro Command models, engine: Tier 5.
- DEC transmission, calibration for T8 Genesis Series - Full Power Shift models, engine: Tier 5 and T9 PLM Series, engine: Tier 2/ - Final Tier 4.

### STEYR

- FPTO front power take-off system in the Terrus Series model, engine: Final Tier 4.
- RPTO rear power take-off, activation of the brake solenoid valve of the power take-off for Kompakt Series models, engine: Tier 5.

### VALTRA

- Procedure for the maintenance reset of the SISU EEM455 - EDC MD1 engine in the T154A (AC37.6) model.

## HARVEST EQUIPMENT

### CASE IH

- Reset of the temperature sensor of the oxidation catalyst in the FPT EDC 17 CV41 + Denox 2.2 engine control system for Axial-Flow 7250/8050/9250 Series models.

### JOHN DEERE

- Wiring diagram configurations, technical data and location images in the ECU HPCR (Level 40) engine control system for CP700 and CS700 Series models and in the PTP transmission for 8000 Series models.

[New AGV 24.1 Innovations](#)  
[CLICK HERE](#)

**NEW HOLLAND**

- FPT EDC MD1 CE101 engine control system, checks and maintenance services.

**SELF PROPELLED AND TRAILING EQUIPMENT**

**JOHN DEERE**

- ECU HPCR (Level 24 – Tier 2) engine control system in the R4 Series model.

**VREDO**

- Wiring diagram configurations in the JOHN DEERE ECU Denso (Level 16) engine control system in the VT2716 model.



## [New OHV 24.1 Innovations](#) [CLICK HERE](#)

### NEW MAKES AND MODELS

#### NEW MAKES

LJUGBY MASKIN and VÖGELE (Heavy Equipment); LJUGBY MASKIN, MENZI MUCK, MULTIONE and VM LOADER, (Compact Equipment).

#### NEW MODELS

##### LIEBHERR

• New models for self-propelled cranes.

##### XCMG

• 25 NEW MODELS (Heavy and Compact equipment).

BOBCAT; YANMAR (compact equipment); CUMMINS; DEUTZ; SCANIA (stationary engine); BUCHER (multi-purpose vehicle).

### DIAGNOSTICS AND SYSTEMS

### HEAVY EQUIPMENT

#### BOMAG

• TCD 12.0 EMR4 EDC17 CV52: engine control system, system checks, parameters and maintenance services.

#### CASE CE

• New wiring diagrams available on G Series.

#### CATERPILLAR

• C-27 / C-32 engine control system.  
• C-9.3B engine control system, activations, checks and other advanced functions.

#### KOMATSU

• New wiring diagram configurations in the PUMP system for PC-8 and ENG system for PC-7.

#### LIEBHERR

• ECU2-HD (on UDS) engine control system, activations, system checks and the special function of fault code clearance of the aftertreatment system.

#### SANY

• 6WG1 engine control system, forced and slow regeneration of the Diesel Particulate Filter and oil change reset.

#### VOLVO CE

• HMICU central computer, accelerator pedal check for L Series (XY H) models.

### COMPACT EQUIPMENT

#### CASE CE

• FPT EDC MD1 CS069 engine control system, AdBlue/DEF metering valve check, injector coding, maintenance services

in the exhaust gas aftertreatment system and component replacement operations.

#### CATERPILLAR

• MCM central computer for D Series, calibrations of the control lever, the powertrain and the implement control valves.  
• C-2.2 engine control system for 200 Series, injector coding and Exhaust Gas Recirculation reset.

#### KOMATSU

• New wiring diagram configurations in PC70US-8, PC80-8, PC30-5, PC40-5 and PC50-5 models.

#### KUBOTA

• MCM central computer.

#### LIEBHERR

• ECU2-HD engine control system, activations, system checks and the special function of fault code clearance of the aftertreatment system.

#### NEW HOLLAND

• New wiring diagram configurations in WC Series wheel loaders and L Series skid-steer loaders.

#### VOLVO CE

• HMICU central computer, accelerator pedal check for L Series (XY H) Compact.  
• Troubleshooting guides by symptom in the Tier 2 engines.

### STATIONARY ENGINES

#### CATERPILLAR

• C-27 / C-32 engine control system.  
• C-9.3B engine control system, activations, checks and other advanced functions.  
• C-2.2 engine control system, injector coding and Exhaust Gas Recirculation reset.  
• New fault code troubleshooting guides in C-2.8 and C-3.6 engine control systems.

#### DEUTZ

• EMR4 EDC17 CV52 control system of TCD12.0 and TCD16.0 engines, compression test, injector coding, Pressure Relief Valve reset and ZFL correction values adjustment of the injectors.  
• EMR5 EDC MD1 engine control system, System Display, activations, system checks and maintenance service operations.

#### IVECO

• EDC MD1 CS069 engine control system in F34 (F5) and F36 (F5) AdBlue/DEF dosing valve check, injector coding, maintenance services in the aftertreatment system and component replacement operations.

New OHW 24.1 Innovations  
[CLICK HERE](#)

**ISUZU**

- 6WG1 engine control system, forced and slow regeneration of the Diesel Particulate Filter and oil change resets.
- Control system of 4HK1, 4JJ1 and 6HK1 engines, System Display during the recovery processes of the exhaust gas aftertreatment system.

**LIEBHERR**

- ECU2-HD engine control system, activations, system checks and the special function of fault code clearance of the aftertreatment system.
- EDC17 CV41 engine control system, recovery process of the exhaust gas aftertreatment system.

**VOLVO PENTA**

- Troubleshooting guides by symptom in the Tier 2 engine control system.

**MULTI-PURPOSE VEHICLE**

New technical release to reset the maintenance interval indicator in SCHMIDT.



**New MHE 24.1 Innovations**  
**[CLICK HERE](#)**

## **NEW MAKES AND MODELS**

### **NEW MAKES**

PB and ZPMC makes.

### **NEW MODELS**

- BT (Cargo Serie CE family).
- JUNGHEINRICH (EFG Series family).
- MOFFETT (MB Series family).
- STILL and TOYOTA with new electric models of pallet jacks, stackers and order-picking pallet trucks.

## **DIAGNOSTICS AND SYSTEMS**

### **CURTIS**

- JDC 569.9 connector.
- CPM1220 power module that includes wiring diagram configurations.

### **EUROYEN**

- Doosan DM02 engine control system, reset of the Diesel Particulate Filter values.

### **JCB**

- Vehicle data in 531 (500 Series family) models that include belt diagrams, tightening torques, and much more.

### **JLG**

- EMR5 – EDC MD1 engine control system, checks and activations of the system.

### **JUNGHEINRICH**

- MCM central computer, steering calibration for EFG 110, EFG 113 and EFG 115 models.
- MCM central computer, maintenance reset in pallet jacks of the ERE Series family.
- new wiring diagram configurations available for pallet jacks, stackers and order-picking pallet trucks in ECE Series, EJD Series, EMC Series, EMD Series, ERC Series, ERD Series, ESC Series, ESD Series and ESE Series families.

### **LUNDE**

- Wiring diagram configurations of the LAC power module for models of T Series, 1151 Series or L Series, 1172 Series families.

### **KALMAR**

- Troubleshooting guides by symptom in the EDC Volvo engine control system.

### **MERLO**

- UGSS load management system, overload limit calibration.

### **STILL**

- MCU central computer in Rx50 electric forklifts of second generation.
- LAC system for electric pallet jacks and stackers, setting of the control parameters of the travel speed, the acceleration, the safety and the energy saving management, etc.

### **TOYOTA**

- Calibration functionalities of the control levers through the BC central computer for 8FD Series and BFG Series forklifts with diesel and LPG engines.





[New AGV 24.1 Innovations](#)  
[CLICK HERE](#)

## NEW MODELS

### • CRUSADER:

- New 8.2 MPI model that includes diagnostics functions in the MEFI 3-4 engine control system, wiring diagrams and troubleshooting guides.
- Vessel technical data and maintenance services in several brand models.

### • MAN:

- New D2862 LE466/476 model that includes wiring diagrams, vessel technical data and maintenance services.

### • PCM:

- New models equipped with the ECM GCP engine control system such as 6.0L HO MPI, XS7, 7.4L MPI, ZZ8S or ZR7.
- Vessel technical data and maintenance services in several brand models.

## DIAGNOSTICS AND SYSTEMS

### New functionalities & capabilities:

#### VOLVO PENTA

- Coding of electronic keys (e-Key) of EVC D and EVC E systems.
- Component technical data in SUS and SCU systems of D5, D6 and D7 models.

#### YANMAR

- New Yanmar Bosch engine control system, idle modification,

maintenance reset, injector coding and new operation data.

#### EVINRUDE

- System Display in the trim calibration in the following systems: EMM and EMM G2.

#### HONDA

- IST lever electronic control system that includes manual diagnostics, acceleration percent modification, cold start activation and default value reset among other functionalities. The system is available for BF200, BF225 and BF250 models.

#### MERCURY

- ECM by Tohatsu engine control system in the new 15, 20 FourStroke and 15 SeaPro models. The connection is performed through new diagnostics cables JDC632.9.

#### TOHATSU:

- ECM engine control system in MFS 9.9, MFS 15 and MFS 20 models. The system includes the activation of the idle air control valve, the fuel pump or the injectors, among other functions.
- New JDC 632A and JDC 632.9 diagnostics cables for the ECM engine control system of 9.9, 15 and 20 HP.

#### CAT STATIONARY

- C-27 / C-32 (on SAE J1939) engine control system.

