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INNOVATIONS 24.1











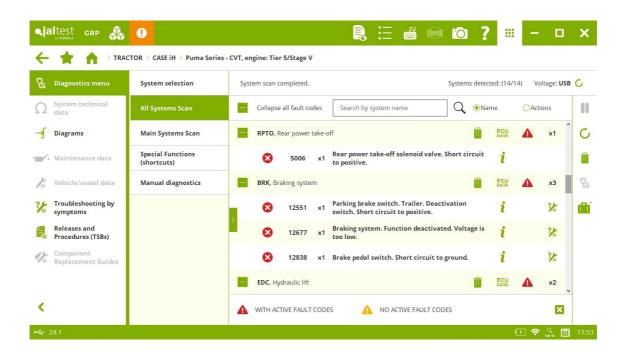


SOFTWARE INNOVATIONS

The new software version Jaltest 24.1 once again offers more improvements and innovations that consolidate this tool as a benchmark in all-makes diagnostics for commercial vehicles, agricultural equipment, OHW equipment, material handling equipment and vessels.

With the innovations of the graphic interface, it is possible to:

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















MAKES AND MODELS

Take into account that this document is only a summary of the most relevant information of this new version. For further information, please visit Jaltest Report.

Some of the new models and makes in Jaltest are listed below.

TRACTOR

CLASS

Axion 9X0 (A64), engine: Tier 5/ Stage V

LANDINI

5 Series, engine: Tier 5/ Stage V

MASSEY FERGUSON

3400 Series

SELF-PROPELLED AND TRAILING IMPLEMENT

This version includes the new make **SILOKING**.

PELLENC

Buggy Maxi 5000 S

SILOKING

SelfLine 4.0 Compact SelfLine 4.0 Premium SelfLine 4.0 System 1000+

SelfLine 4.0 System 500+

TERRAGATOR

8203 8204

9203











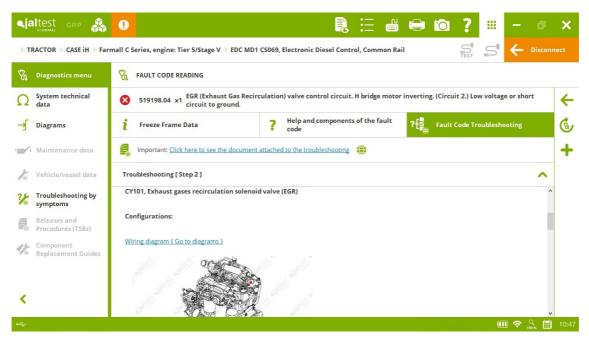


DIAGNOSTICS AND SYSTEMS

Take into account that this document is only a summary of the most relevant information of this new version. For further information, please visit Jaltest Report.

Overall, there are new technical information and **SMART guides** by symptoms and of the most common fault codes available in the workshop thanks to the communication channels with customers such as the technical support offered by the project, training, Jaltest Feedback and "Product improvement" option.

New repair **SMART guides** by fault code in the **FPT EDC MD1 CS069** engine control system, present in several models of tractor and self-propelled and trailing implement makes, such as **CNH**, **JOHN DEERE**, **LANDINI**, **MCCORMICK** or **PELLENC**, among others.



New repair **SMART guides** by fault code in the **JOHN DEERE LEVEL 40** engine control system, present in several models of tractor and harvest equipment.

TRACTOR

Overall, new manual diagnostics in several models of different makes such as **CASE iH**, **JCB**, **JOHN DEERE**, **KUBOTA**, **MASSEY FERGUSON** or **NEW HOLLAND**, among others.

DEUTZ EMR5 - EDC MD1 engine control system, System Display settings in several models of different makes such as **CARRARO**, **DEUTZ-FAHR**, **LAMBORGHINI**, **LANDINI**, **McCORMICK** and **TYM**.













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/ Stage IV**, etc. wiring diagram configurations.

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 Auxiliar 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 models, among others.

| | | PARAMETERS \ SPOOL VALVE IDENTIFICATION CODE | |
|----|-----------------------------------|--|---|
| Ω | System technical data | SPOOL VALVES AVAILABLE ARE DISPLAYED NEXT, SELECT THE SPOOL VALVE YOU WISH TO EXCHANGE | |
| ſ | Diagrams | Search in the option list | Q |
| - | Maintenance data | AUXILIARY VALVE 1 | |
| k | Vehicle/vessel data | AUXILIARY VALVE 2 | |
| 38 | Troubleshooting by symptoms | AUXILIARY VALVE 3 | |
| Ø, | Releases and Procedures (TSBs) | ✓ AUXILIARY VALVE 4 | |
| 1% | Component Replacement Guides | STEERABLE HITCH | |
| | | REAR LIFT (THIRD POINT) | |





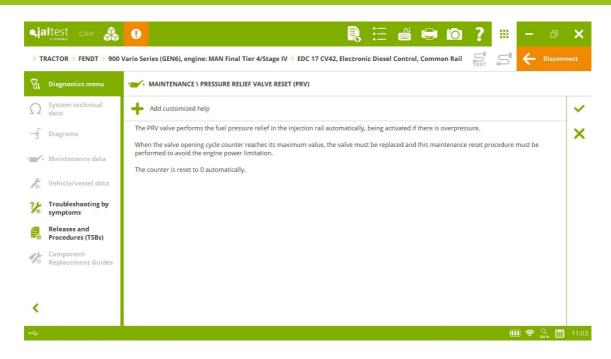








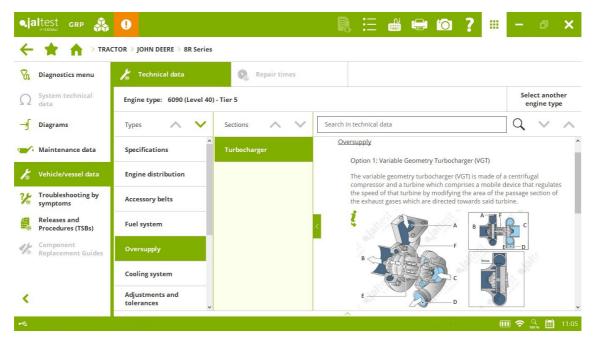




JOHN DEERE

- SB4, SB5 and SB6 hydraulic systems for the 6R Series model.
- ATC (MY22) climate control for the 8R Series model.

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.

Wiring diagrams by model in 7030 Series.

LANDINI

⊕ FPT EDC MD1 CS069 engine control system for 5 Series models, engine: Tier 5/
 Stage V.

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 V-Shift Series** models with Final Tier 4/ Stage IV engines, among others.

MASSEY FERGUSON

• SISU EEM4 - EDC 17 C63 engine control system for the 3400 S Series model.

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, among others.

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.

| | | ACTUATE COMPONENTS \ UPWARD MOVEMENT SOLENOID VALVI | E OF THE CABIN SUSPENSION | |
|----|-----------------------------------|---|--|---|
| Ω | System technical data | 2 PRESS THE BUTTONS TO CONTROL THE COMPONENT AND CHECK W | WHETHER IT IS PROPERLY OPERATED. | ~ |
| ł | Diagrams | TAKE INTO ACCOUNT THAT, WHEN FINISHING THE ACTUATION, THE | COMPONENT WILL REMAIN AT THE SELECTED STATE. | × |
| | Maintenance data | CABIN SUSPENSION, RAISING VALVE | OFF | ? |
| k | Vehicle/vessel data | | | 6 |
| 38 | Troubleshooting by symptoms | | | |
| Ø, | Releases and Procedures (TSBs) | | | |
| | | | | |
| 1% | Component Replacement Guides | | | |
| 1% | | | | |

| Za – | | CALIBRATION \ AUTOMATIC PROCESS \ REAR LIFT | |
|------|---|--|---|
| 2 | System technical data | + Add customized help | ~ |
| ſ | Diagrams | The calibration process is performed through an automatic process with the diagnostic tool. The system must be calibrated when the control unit or any other component belonging to the system are replaced. | > |
| ^ | Maintenance data | Important note: | |
| 5 | Vehicle/vessel data Troubleshooting by | - It is advauble that there are no active fault codes in the system, except for codes related to the collisation. - Before starting the process, prevent any parson from approaching the while experision zone, Parse the while examples and its surface while bottless with the term enters. | |
| | Releases and Procedures (TSBs) | | |
| | Component Replacement Guides | | |













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/ Stage V, among others.

Parameter setting in the **TCM** system for **T5** Series – Electro Command models, engine: Tier 5/ Stage V.

| | | PARAMETERS \ MODIFY PARAMETERS \ ROLLING CIRCUMFERENCE | |
|----|-----------------------------------|--|--|
| Ω | System technical data | 1 THE CONFIGURATION DATA ARE SHOWN NEXT. | |
| ſ | Diagrams | | |
| | Maintenance data | | |
| k | Vehicle/vessel data | | |
| 3% | Troubleshooting by symptoms | | |
| Ø, | Releases and Procedures (TSBs) | | |
| 1% | Component Replacement Guides | | |
| 1% | | | |



DEC transmission, calibration for T8 Genesis Series – Full Power Shift models, engine: Tier 5/ Stage V and T9 PLM Series, engine: Tier 2/ Stage II- Final Tier 4/ Stage IV.

STEYR

• FPTO front power take-off system in the Terrus Series model, engine: Final Tier 4/ Stage IV.

RPTO rear power take-off, activation of the brake solenoid valve of the power take-off for **Kompakt Series** models, **engine: Tier 5/ Stage V**.

VALTRA

Procedure for the maintenance reset of the **SISU EEM4S5** - **EDC MD1** engine in the **TI54A (AC37.6)** model.

HARVEST EQUIPMENT

MAN EDC 17 Master/Slave CV42 engine control system in models of makes such as **CLAAS**, **FENDT** and **MASSEY FERGUSON**, maintenance operations related to the O₂ lambda sensor and the counter reset of the inducement mode.

| | | MAINTENANCE \ INDUCEMENT COUNTER RESET |
|----|-----------------------------------|--|
| 2 | System technical data | 2 THE PROCESS HAS FINISHED |
| ſ | Diagrams | |
| 1 | Maintenance data | TEST STATUS SUCCESSFULLY COMPLETED |
| ŀ, | Vehicle/vessel data | |
| 8 | Troubleshooting by symptoms | |
| Ø, | Releases and Procedures (TSBs) | |
| 1h | Component Replacement Guides | |













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.

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|-------------|-----------------------------------|--|-------|
| > H | ARVEST EQUIPMENT > 0 | iH > Axial-Flow 7250/8250/9250 Series > EDC 17 CV41 + Denox 2.2, Electronic Diesel Control, Common Rail 📑 🛒 🧲 Disconne | ct |
| 8 | Diagnostics menu | MAINTENANCE | |
| Ω | System technical data | Search in the list of actions | Q |
| -} | Diagrams | + Expand all actions | ÷ |
| | Maintenance data | PARTICULATE FILTER REGENERATION | 8 |
| | Vehicle/vessel data | STARTUP COUNTER RESET | |
| 36 | Troubleshooting by symptoms | - REPLACEMENT OF COMPONENTS | |
| | Releases and Procedures (TSBs) | — ADBLUE/DEF MODULE CLEANING | |
| */: | Component Replacement Guides | Emperature sensor of the oxidation catalyst | |
| | | | |
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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.

| •ja | | | | | | | | | | | | | | | | |
|------------------------------|---------------------------|-------|---------|--|--------------------------|------------------------|----------------|-----|-------------|--------------|---|-------|------|--------|---------|----|
| 4 | * 1 | HAR | VEST EQ | | N DFFRF 🔌 2000 Seri | | | | | | | | | | | |
| 8 | Diagnostics m | enu | Đ | | Component infor | | ic pump | | | (<u>O</u>) | | | | | t anoth | |
| Ω | | | Sea | Location | | <u>n the nyurostat</u> | <u>ic pump</u> | | | | + | 1 | CY12 | l A | ŝ. | Q |
| -3 | | | | | A | 1 | 80 | | | | | 1 | | .5. | | Q |
| | | | + | in a second | Rihn. | e e | | | | | | of th | CY12 | | | - |
| J a | | | CS | | | | | | | | | | 120 | | | ß |
| 3/6 | Troubleshooti symptoms | ng by | CS | alans) and | | -A | | | | | | | 119 | | | ?* |
| 8 | | | CS | System con | ponents | | | | | | | | | | | K, |
| */2 | | | CS | | olenoid valve of the | hydrostatic pu | mp | | | | | 1 | CY12 | | | |
| | | | сх | | upply: 12 V ce: 5,5 Ω | | | | | | | 2 - | CY12 | • | | |
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NEW HOLLAND

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

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|-----|-----------------------------------|--|-------|
| > H | ARVEST EQUIPMENT > N | EW HOLLAND > CX Series, engine: Tier 5/Stage V > EDC MD1 CE101, Electronic Diesel Control, Common Rail 🚽 🚽 🧲 Disce | nnect |
| | | MAINTENANCE | |
| Ω | System technical data | Search in the list of actions | Q |
| -s | Diagrams | Expand all actions | ÷ |
| | Maintenance data | REGENERATION OF THE SCR CATALYTIC CONVERTER | 8 |
| ŀ, | Vehicle/vessel data | STARTUP COUNTER RESET | |
| % | Troubleshooting by symptoms | CATALYTIC CONVERTER CLEANING COUNTER RESTART | |
| e, | Releases and Procedures (TSBs) | EPLACEMENT OF COMPONENTS | |
| 4% | Component Replacement Guides | E ELECTRONIC FUEL INJECTION (EFI) | |
| | | EL EXHAUST GAS AFTERTREATMENT SYSTEM | |
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| нą. | | | 1154 |

SELF-PROPELLED AND TRAILING IMPLEMENT

JOHN DEERE

• ECU HPCR (Level 24 – Tier 2/Stage II) 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.









