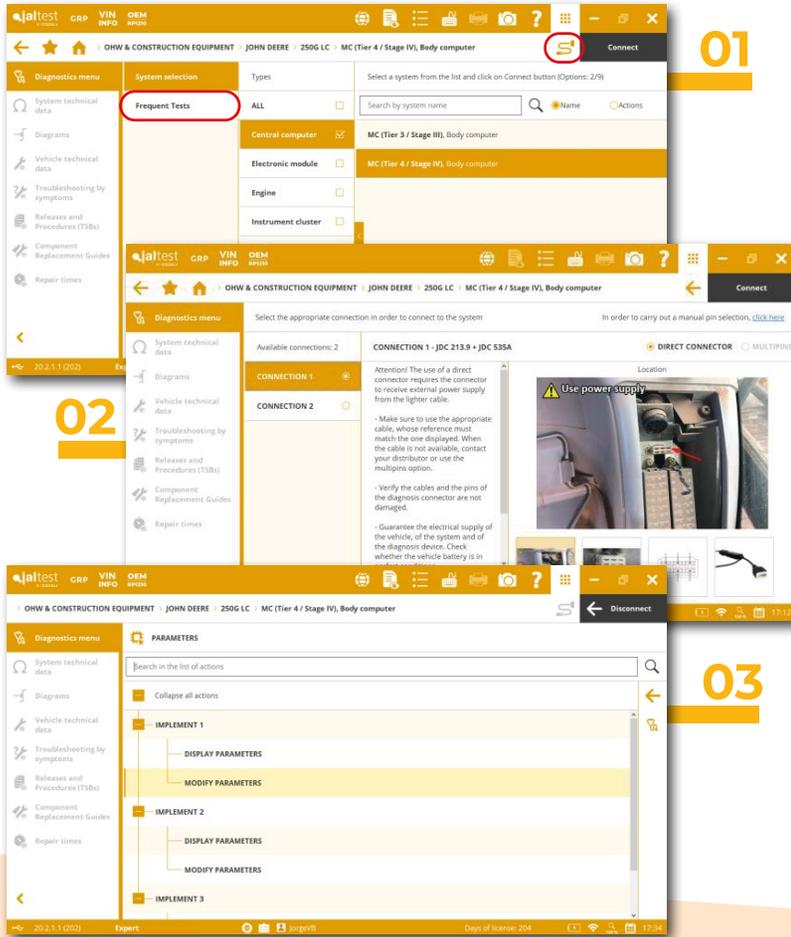


Jaltest Coverage on John Deere: Attachment Configuration



One of the most frequent actions working with construction machinery are attachment configurations. Especially for those users that have few vehicles for many different tasks. Anytime we remove and change the attachment of our vehicle, we have to perform a configuration to make the ECU recognise the new capabilities. Jaltest Diagnostics, the all makes, all models and all systems diagnostics solution, allows us to perform these attachment configurations through a very friendly step by step process.

The following Jaltest screenshots show a John Deere 250G LC Series Attachment Configuration through very simple steps.

First of all, you have to select the ECU that you want to connect with (pic1). Jaltest helps you with this connection, showing you how to hook up and the cables needed (pic 2). In this case, you connect to the Central Computer using the Hitachi Connecto r JDC 213.9 + the adaptor JDC 535A. You can access also to this task through the shortcut Frequent Tests.

Once we have connected to the Central Computer, you will see the main Jaltest Diagnostics Menu. There you can check and clear faults, monitoring live data, doing system checks, etc. In order to start the Attachment Configuration you have to click on Parameters (pic 3).

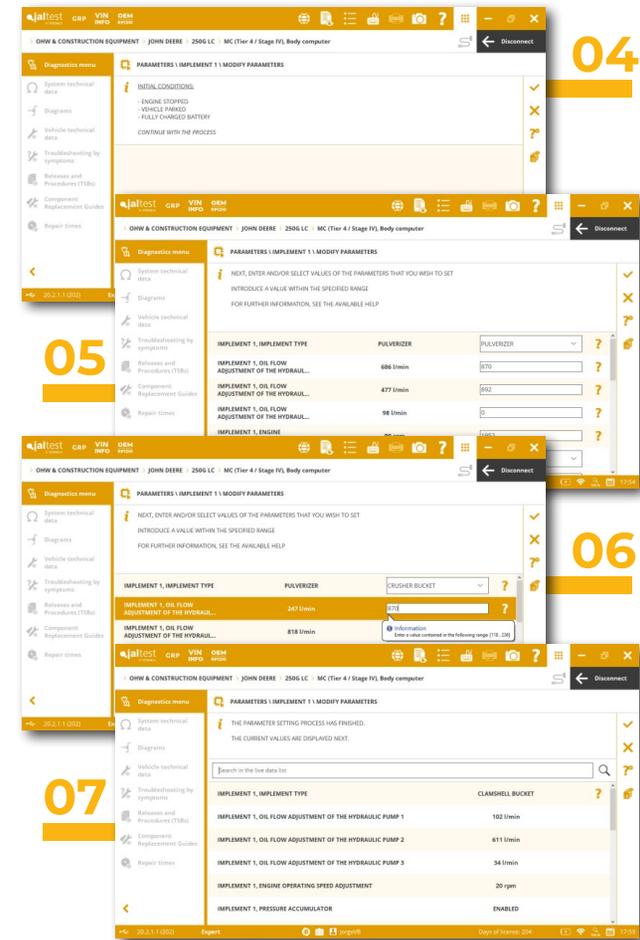
Selecting one option: Modify Parameters, Jaltest will guide you during the whole process.

Before starting the configuration, it will ask for Expert Mode, letting you know that the following action will write on the ECU. Also, Jaltest will show you some Safety Instructions and Initial Requirements, like the parking brake on or the engine stopped (pic 4).

Once we start the configuration we have to select the type of attachment and type manually the values we want to write on the ECU (pic 5). Jaltest will support us during the whole process letting us know the ranges for each cell if we introduce a wrong value (pic 6). Also with further information by clicking on the

question mark. Once the configuration has finished, Jaltest will show you the values and the attachment that you have configured (pic 7).

Among many other helpful features, Jaltest Diagnostic allows you to check other systems like the engine, Diagrams, supported real photos and locations, OEM technical information for every component of each system at System Technical Data, etc.



For more information visit:
www.jaltest.com

click on images to enlarge



01

jaltest GRP VIN INFO OEM RP1230

OHV & CONSTRUCTION EQUIPMENT > JOHN DEERE > 250G LC > MC (Tier 4 / Stage IV), Body computer

Connect

Diagnostics menu

- System technical data
- Diagrams
- Vehicle technical data
- Troubleshooting by symptoms
- Releases and Procedures (TSBs)
- Component Replacement Guides
- Repair times

System selection

Frequent Tests

Types

Select a system from the list and click on Connect button (Options: 2/9)

Search by system name

ALL

Central computer MC (Tier 3 / Stage III), Body computer

Electronic module MC (Tier 4 / Stage IV), Body computer

Engine

Instrument cluster

20.2.1.1 (202) Expert JorgeVB Days of license: 204 17:18

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www.jaltest.com



02

jaltest GRP VIN INFO OEM RP1230

OHW & CONSTRUCTION EQUIPMENT > JOHN DEERE > 250G LC > MC (Tier 4 / Stage IV), Body computer

Connect

Diagnostics menu Select the appropriate connection in order to connect to the system In order to carry out a manual pin selection, [click here](#)

Available connections: 2

CONNECTION 1 - JDC 213.9 + JDC 535A DIRECT CONNECTOR MULTIPINS

CONNECTION 1

CONNECTION 2

Attention! The use of a direct connector requires the connector to receive external power supply from the lighter cable.

- Make sure to use the appropriate cable, whose reference must match the one displayed. When the cable is not available, contact your distributor or use the multipins option.
- Verify the cables and the pins of the diagnosis connector are not damaged.
- Guarantee the electrical supply of the vehicle, of the system and of the diagnosis device. Check whether the vehicle battery is in perfect conditions.

Location

Use power supply

20.2.1.1 (202) Expert JorgeVB Days of license: 204 17:12

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03

jaltest GRP VIN INFO OEM RP1230

> OHW & CONSTRUCTION EQUIPMENT > JOHN DEERE > 250G LC > MC (Tier 4 / Stage IV), Body computer

Diagnostics menu

- System technical data
- Diagrams
- Vehicle technical data
- Troubleshooting by symptoms
- Releases and Procedures (TSBs)
- Component Replacement Guides
- Repair times

PARAMETERS

Search in the list of actions

Collapse all actions

- IMPLEMENT 1
 - DISPLAY PARAMETERS
 - MODIFY PARAMETERS
- IMPLEMENT 2
 - DISPLAY PARAMETERS
 - MODIFY PARAMETERS
- IMPLEMENT 3

20.2.1.1 (202) Expert JorgeVB Days of license: 204 17:34

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04

jaltest GRP VIN INFO OEM RP1230

> OHW & CONSTRUCTION EQUIPMENT > JOHN DEERE > 250G LC > MC (Tier 4 / Stage IV), Body computer

PARAMETERS \ IMPLEMENT 1 \ MODIFY PARAMETERS

INITIAL CONDITIONS:

- ENGINE STOPPED
- VEHICLE PARKED
- FULLY CHARGED BATTERY

CONTINUE WITH THE PROCESS

System technical data
Diagrams
Vehicle technical data
Troubleshooting by symptoms
Releases and Procedures (TSBs)
Component Replacement Guides
Repair times

20.2.1.1 (202) Expert JorgeVB Days of license: 204 17:53

For more information visit:
www.jaltest.com

The screenshot shows the 'PARAMETERS \ IMPLEMENT 1 \ MODIFY PARAMETERS' screen in the jaltest diagnostic software. The interface includes a top navigation bar with 'jaltest', 'GRP', 'VIN INFO', and 'OEM RP1230'. Below this is a breadcrumb trail: '> OHW & CONSTRUCTION EQUIPMENT > JOHN DEERE > 250G LC > MC (Tier 4 / Stage IV), Body computer'. A 'Disconnect' button is visible in the top right corner.

The main content area features a left-hand 'Diagnostics menu' with options like 'System technical data', 'Diagrams', 'Vehicle technical data', 'Troubleshooting by symptoms', 'Releases and Procedures (TSBs)', 'Component Replacement Guides', and 'Repair times'. The central panel displays a list of parameters to be adjusted, each with a description, a current value, and a control element (dropdown or text input). A vertical toolbar on the right side of the parameter list contains icons for checkmark, close, help, and save.

Parameter Name	Current Value	Control Element
IMPLEMENT 1, IMPLEMENT TYPE	PULVERIZER	Dropdown menu (PULVERIZER)
IMPLEMENT 1, OIL FLOW ADJUSTMENT OF THE HYDRAUL...	686 l/min	Text input (870)
IMPLEMENT 1, OIL FLOW ADJUSTMENT OF THE HYDRAUL...	477 l/min	Text input (892)
IMPLEMENT 1, OIL FLOW ADJUSTMENT OF THE HYDRAUL...	98 l/min	Text input (0)
IMPLEMENT 1, ENGINE OPERATING SPEED ADJUSTMENT	90 rpm	Text input (1952)
IMPLEMENT 1, PRESSURE ACCUMULATOR	ENABLED	Dropdown menu (ENABLED)

At the bottom of the screen, there is a status bar showing '20.2.1.1 (2021)', 'Expert' mode, user 'jorgeVB', 'Days of license: 204', and the time '17:54'.

For more information visit:
www.jaltest.com

jaltest GRP VIN INFO OEM RP1230

OHV & CONSTRUCTION EQUIPMENT > JOHN DEERE > 250G LC > MC (Tier 4 / Stage IV), Body computer

Disconnect

PARAMETERS \ IMPLEMENT 1 \ MODIFY PARAMETERS

NEXT, ENTER AND/OR SELECT VALUES OF THE PARAMETERS THAT YOU WISH TO SET
INTRODUCE A VALUE WITHIN THE SPECIFIED RANGE
FOR FURTHER INFORMATION, SEE THE AVAILABLE HELP

IMPLEMENT 1, IMPLEMENT TYPE	PULVERIZER	CRUSHER BUCKET	?
IMPLEMENT 1, OIL FLOW ADJUSTMENT OF THE HYDRAUL...	247 l/min	870	?
IMPLEMENT 1, OIL FLOW ADJUSTMENT OF THE HYDRAUL...	818 l/min	Information Enter a value contained in the following range [118, 236]	
IMPLEMENT 1, OIL FLOW ADJUSTMENT OF THE HYDRAUL...	35 l/min	0	?
IMPLEMENT 1, ENGINE OPERATING SPEED ADJUSTMENT	340 rpm	1952	?
IMPLEMENT 1, PRESSURE ACCUMULATOR	ENABLED	ENABLED	

20.2.1.1 (202) Expert JorgeVB Days of license: 204 17:58

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www.jaltest.com



07

jaltest GRP VIN INFO OEM RP1230

> OHW & CONSTRUCTION EQUIPMENT > JOHN DEERE > 250G LC > MC (Tier 4 / Stage IV), Body computer

Disconnect

PARAMETERS \ IMPLEMENT 1 \ MODIFY PARAMETERS

THE PARAMETER SETTING PROCESS HAS FINISHED.
THE CURRENT VALUES ARE DISPLAYED NEXT.

Search in the live data list

IMPLEMENT 1, IMPLEMENT TYPE	CLAMSHELL BUCKET
IMPLEMENT 1, OIL FLOW ADJUSTMENT OF THE HYDRAULIC PUMP 1	102 l/min
IMPLEMENT 1, OIL FLOW ADJUSTMENT OF THE HYDRAULIC PUMP 2	611 l/min
IMPLEMENT 1, OIL FLOW ADJUSTMENT OF THE HYDRAULIC PUMP 3	34 l/min
IMPLEMENT 1, ENGINE OPERATING SPEED ADJUSTMENT	20 rpm
IMPLEMENT 1, PRESSURE ACCUMULATOR	ENABLED

20.2.1.1 (202) Expert JorgeVB Days of license: 204 17:59

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