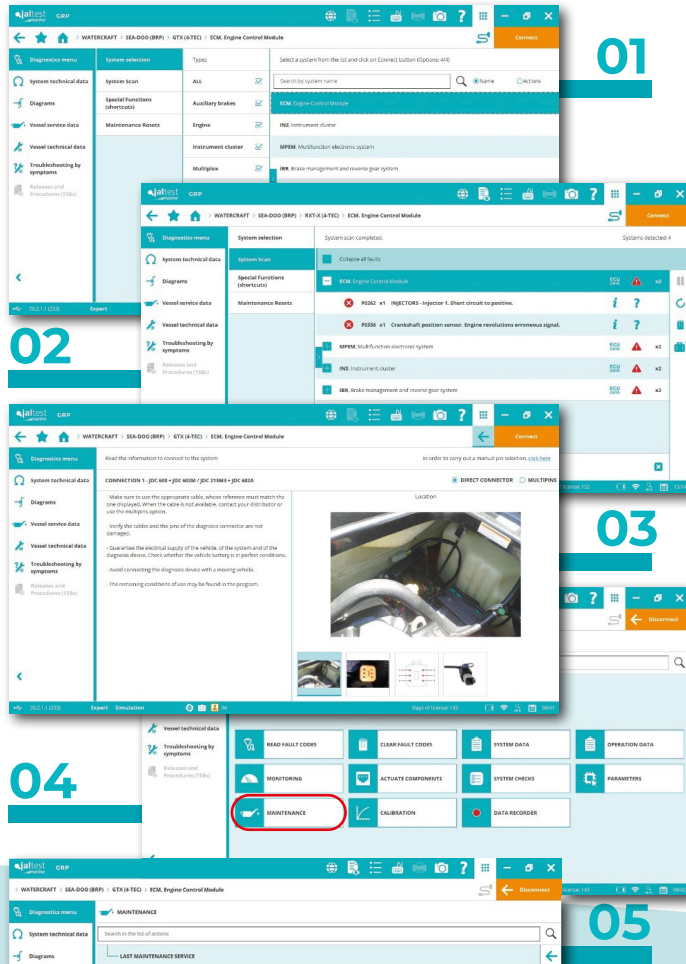


Jaltest Marine: Last Maintenance Service on Sea-Doo BRP



On Sea Doo's, after a maintenance service it is necessary to perform an advanced diagnostics functionality, in order to write on the ECM with the most recent maintenance information. It is a very simple process using Jaltest Marine.

Let's access the initial scan point, accessing the Watercraft brand menu, and then selecting the appropriate system; in this case a GTX (4-TEC). As you can see Jaltest Marine is an all system diagnostics tool (pic 1). More or less systems will be available, depending on the year, therefore a system scan is recommended to really what systems are present (pic 2). We select the engine and then by clicking into the connector help symbol, we can easily follow the connection process: images, pin outs and the part numbers (pic 3). Then click connect.

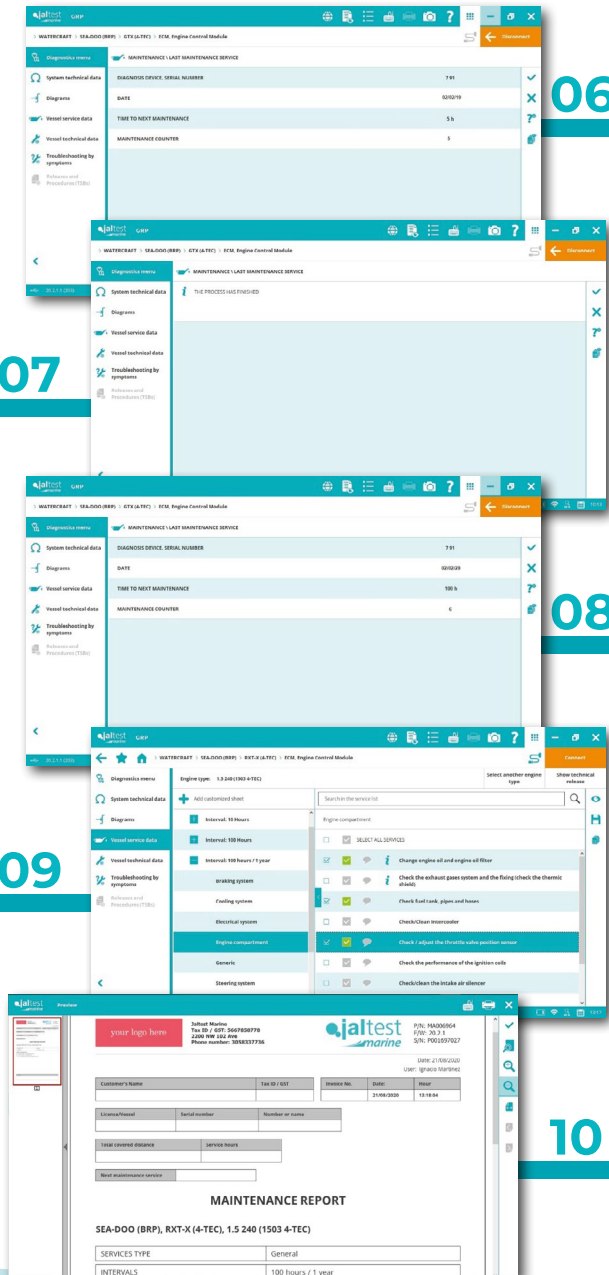
Once your are in, select the maintenance menu (pic 4), and finally, Last Maintenance Service (pic 5).

Access the most recent information, such as: last maintenance date, time to next maintenance and the counter (pic 6). When clicking into service reset we will finish the process (pic 7), and we will see the new registered (pic 8).

Jaltest Marine is much more than only diagnostics, with the complete technical information within the software. Select vessel service data and access a complete maintenance guide. In this case 100 hours/1 year interval (pic 9).

A maintenance report will be generated, and saved in the GRP module, as well as in the cloud, with no extra charge (pic 10).

Cover all your maintenance needs, diagnostics and technical information, with the leading all makes and all systems diagnostics tool, Jaltest Marine!



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click on images to enlarge

jaltest
DIAGNOSTICS

marine
VESSELS



01

**GRP**





> WATERCRAFT > SEA-DOO (BRP) > GTX (4-TEC)

 Diagnostics menu	System selection	Types	Select a system from the list and click on Connect button (Options: 4/4)
 System technical data	System Scan	ALL 	<div>Search by system name </div> <div>☒Name ☐Actions</div>
 Diagrams	Special Functions (shortcuts)	Auxiliary brakes 	ECM, Engine Control Module
 Vessel service data	Maintenance Resets	Engine 	INS, Instrument cluster
 Vessel technical data		Instrument cluster 	MPeM, Multifunction electronic system
 Troubleshooting by symptoms		Multiplex 	iBR, Brake management and reverse gear system
 Releases and Procedures (TSBs)			



20.3.1.1

Expert

 JorgeVB

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19:26

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02

GRP

> WATERCRAFT > SEA-DOO (BRP) > GTX (4-TEC)

Diagnostics menu

System technical data

Diagrams

Vessel service data

Vessel technical data

Troubleshooting by symptoms

Releases and Procedures (TSBs)

System selection	System scan completed.		Systems detected: (4/4)	
System Scan		Collapse all faults		
Special Functions (shortcuts)		ECM, Engine Control Module ECU DATA x2		
Maintenance Resets		P0262 x1	INJECTORS - Injector 1. Short circuit to positive.	
		P0336 x1	Crankshaft position sensor. Engine revolutions erroneous signal.	
		MPEM, Multifunction electronic system ECU DATA x2		
		P0079 x1	RAVE (Rotax Adjustable Variable Exhaust) - Rave valve. Signal too low.	
		P1680 x1	MPEM (Multi-Purpose Electronic Module) - Instrument Cluster. Communication error. 1A Fuse...	
		INS, Instrument cluster ECU DATA x2		
ACTIVE FAULT CODES		NO ACTIVE FAULT CODES		

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GRP

WATERCRAFT > SEA-DOO (BRP) > GTX (4-TEC) > ECM, Engine Control Module

Connect

Diagnostics menu

System technical data

Diagrams

Vessel service data

Vessel technical data

Troubleshooting by symptoms

Releases and Procedures (TSBs)

Read the information to connect to the system

In order to carry out a manual pin selection, [click here](#)

CONNECTION 1 - JDC 213.9 + JDC 602A

☒ DIRECT CONNECTOR ☐ MULTIPINS

Location

- 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.
- Avoid connecting the diagnosis device with a moving vehicle.
- The remaining conditions of use may be found in the program.

20.3.1.1

Expert

JorgeVB

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The screenshot displays the jaltest marine GRP software interface. The top navigation bar includes the jaltest marine logo, the text 'GRP', and a series of icons for various functions. Below this, a breadcrumb trail shows the path: > WATERCRAFT > SEA-DOO (BRP) > GTX (4-TEC) > ECM, Engine Control Module. A 'Disconnect' button is visible on the right. The left sidebar contains a 'Diagnostics menu' with options: System technical data, Diagrams, Vessel service data, Vessel technical data, Troubleshooting by symptoms, and Releases and Procedures (TSBs). The main area is titled 'Select the desired action' and features a search bar. Below the search bar is a grid of action buttons: READ FAULT CODES, CLEAR FAULT CODES, SYSTEM DATA, OPERATION DATA, MONITORING, ACTUATE COMPONENTS, SYSTEM CHECKS, PARAMETERS, MAINTENANCE, CALIBRATION (highlighted with a red circle), and DATA RECORDER. The bottom status bar shows version 20.3.1.1, user 'Expert', 'JorgeVB', 'Days of license: 157', and system status icons.

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The screenshot displays the jaltest marine GRP software interface. The top navigation bar includes the jaltest marine logo, the text 'GRP', and a series of icons for various functions. Below this, a breadcrumb trail reads: > WATERCRAFT > SEA-DOO (BRP) > GTX (4-TEC) > ECM, Engine Control Module. A 'Disconnect' button is visible on the right. The left sidebar contains a 'Diagnostics menu' with options: System technical data, Diagrams, Vessel service data, Vessel technical data, Troubleshooting by symptoms, and Releases and Procedures (TSBs). The main area is titled 'MAINTENANCE' and features a search bar with the placeholder text 'Search in the list of actions'. Below the search bar, a section titled 'LAST MAINTENANCE SERVICE' is visible, followed by a large empty light blue area. The bottom status bar shows the version '20.3.1.1', the user 'Expert', the name 'JorgeVB', the license status 'Days of license: 157', and system icons for Wi-Fi, battery, and time '19:29'.

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GRP

> WATERCRAFT > SEA-DOO (BRP) > GTX (4-TEC) > ECM, Engine Control Module

Disconnect

Diagnostics menu

System technical data

Diagrams

Vessel service data

Vessel technical data

Troubleshooting by symptoms

Releases and Procedures (TSBs)

MAINTENANCE \ LAST MAINTENANCE SERVICE

DIAGNOSIS DEVICE, SERIAL NUMBER	YYYYY	✓
DATE	59/59/59	✗
TIME TO NEXT MAINTENANCE	284 h	?
MAINTENANCE COUNTER	80	📄

SERVICE RESET

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19:30

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07

GRP

Disconnect

Diagnostics menu

System technical data

Diagrams

Vessel service data

Vessel technical data

Troubleshooting by symptoms

Releases and Procedures (TSBs)

MAINTENANCE \ LAST MAINTENANCE SERVICE

THE PROCESS HAS FINISHED

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GRP

> WATERCRAFT > SEA-DOO (BRP) > GTX (4-TEC) > ECM, Engine Control Module

Disconnect

Diagnostics menu

System technical data

Diagrams

Vessel service data

Vessel technical data

Troubleshooting by symptoms

Releases and Procedures (TSBs)

MAINTENANCE \ LAST MAINTENANCE SERVICE

DIAGNOSIS DEVICE, SERIAL NUMBER	BBBBB	✓
DATE	42/42/42	✗
TIME TO NEXT MAINTENANCE	284 h	?
MAINTENANCE COUNTER	54	📄
		SERVICE RESET

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GRP

> WATERCRAFT > SEA-DOO (BRP) > GTX (4-TEC) > ECM, Engine Control Module

Diagnostics menu
 System technical data
 Diagrams
 Vessel service data
 Vessel technical data
 Troubleshooting by symptoms
 Releases and Procedures (TSBs)

Engine type: 1.5 142 (1503 4-TEC)

Select another engine type

Show technical release

Add customized sheet

General

Interval: 10 Hours
 Interval: 100 hours / 1 year

Braking system
 Cooling system
 Electrical system
 Engine compartment
 Generic

Search in the service list

Engine compartment

SELECT ALL SERVICES

Change engine oil and engine oil filter
 Check the exhaust gases system and the fixing (check the thermic shield)
 Check fuel tank, pipes and hoses
 Check / adjust the throttle valve position sensor
 Check/clean the intake air silencer
 Check the operation of the throttle actuator

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 Expert
 JorgeVB
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 100 %
 19:33

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