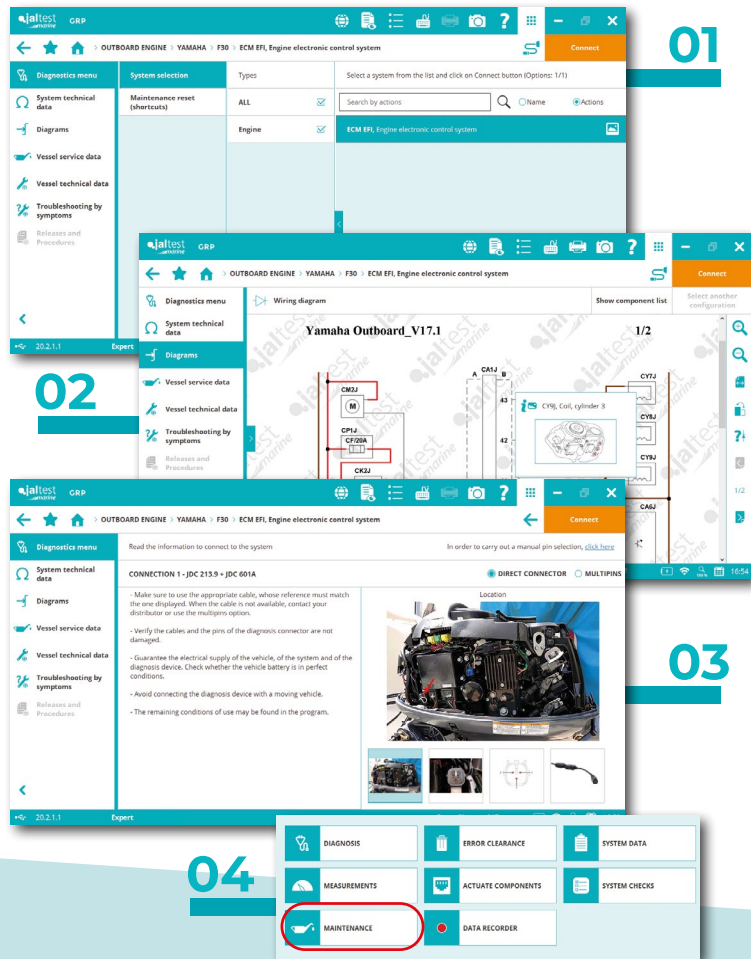


Jaltest Marine Coverage on Yamaha: Oil Change Reset



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click on images to enlarge

One of the most common maintenances in vessel repairs industry are oil changes and resets. Oil is one of the most important elements for keeping a good engine performance. By making suitable oil changes we avoid a bad lubrication which can deteriorate and ends up causing more serious damages as a result of the frictions within the system. For this reason, it is also crucial to perform maintenance resets in order to write on the ECU these changes and keep the maintenance at the best level.

Jaltest Marine not just performs ECU Oil Change Resets, but also provides information about the OEM Maintenance recommended intervals, becoming the best solution to keep your customer vessels in perfect conditions.

The following screenshots show this maintenance on an Outboard Yamaha F300.

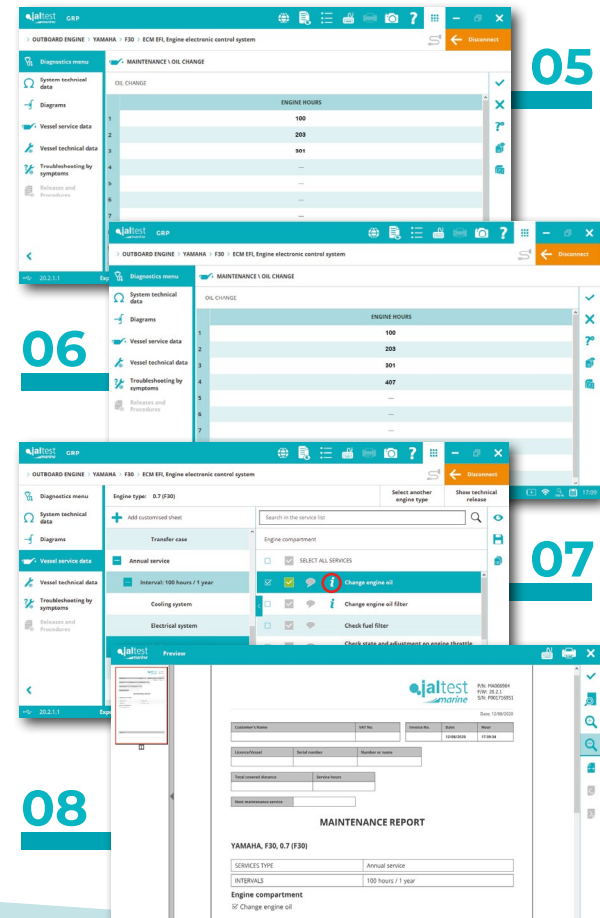
Before connecting to the specific system, Jaltest Marine provides a lot of technical information through the menu that is on the left side. For example, wiring Diagrams (pic 2), a lot of Technical Data, Vessel Service Data, Troubleshooting, etc. Moreover, Jaltest Marine helps you with the connection to the vessel, showing you how to hook up, locations, the cables and if there are more possible ways (pic 3).

Once we have connected to the Central Computer of the Engine, you will see the main Jaltest Marine Menu (pic 4). There you can check and clear faults supported with freeze frame data and related components information; bidirectional dealer level tests; record live data in sea trails, etc. In order to start the Oil Change Reset, after having changed the oil in this Yamaha, you have to click on Maintenance.

Jaltest Marine will ask for Expert Mode because the following action is going to make changes in the Engine ECU. As you can see in the screenshot (pic 5), Jaltest Marine shows the last oil change saved in the ECU. Then, by clicking on continue, Jaltest Marine will ask you about reading the manufacturer instructions before performing this oil reset. If we know the intervals we click on yes and Jaltest Marine will write on the ECU at what engine working hours you performed this new oil change (pic 6).


If we do not know that interval, by clicking on the technical info menu (on the left side), we can access to specific OEM information about the maintenance services: Vessel Service Data (pic 7). Yamaha recommends an annual change every 100 engine hours. Jaltest Marine also provides some interesting technical and operational information about oil specifications by clicking on the i (info). Also there, we can create a Maintenance Report and save it in Jaltest GRP as a record for future maintenances (pic 8).












The best maintenances are possible with Jaltest Marine. Don't waste your time, use Jaltest Marine!









01

GRP











OUTBOARD ENGINE > YAMAHA > F30 > ECM EFI, Engine electronic control system




Connect

Diagnostics menu	System selection	Types	
 System technical data	Maintenance Resets	ALL	<input checked="" type="checkbox"/>
 Diagrams		Engine	<input checked="" type="checkbox"/>
 Vessel service data			
 Vessel technical data			
 Troubleshooting by symptoms			
 Releases and Procedures (TSBs)			


Select a system from the list and click on Connect button (Options: 1/1)

Search by system name




☒ Name ☐ Actions

ECM EFI, Engine electronic control system







20.3.1.1

Expert

 JorgeVB

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OUTBOARD ENGINE > YAMAHA > F30 > ECM EFI, Engine electronic control system

Connect

Diagnostics menu

Read the information to connect to the system

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

System technical data

CONNECTION 1 - JDC 213.9 + JDC 601A

☒ DIRECT CONNECTOR ☐ MULTIPINS

Location

Diagrams

- 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.

Vessel service data

- Verify the cables and the pins of the diagnosis connector are not damaged.

Vessel technical data

- Guarantee the electrical supply of the vehicle, of the system and of the diagnosis device. Check whether the vehicle battery is in perfect conditions.

Troubleshooting by symptoms

- Avoid connecting the diagnosis device with a moving vehicle.

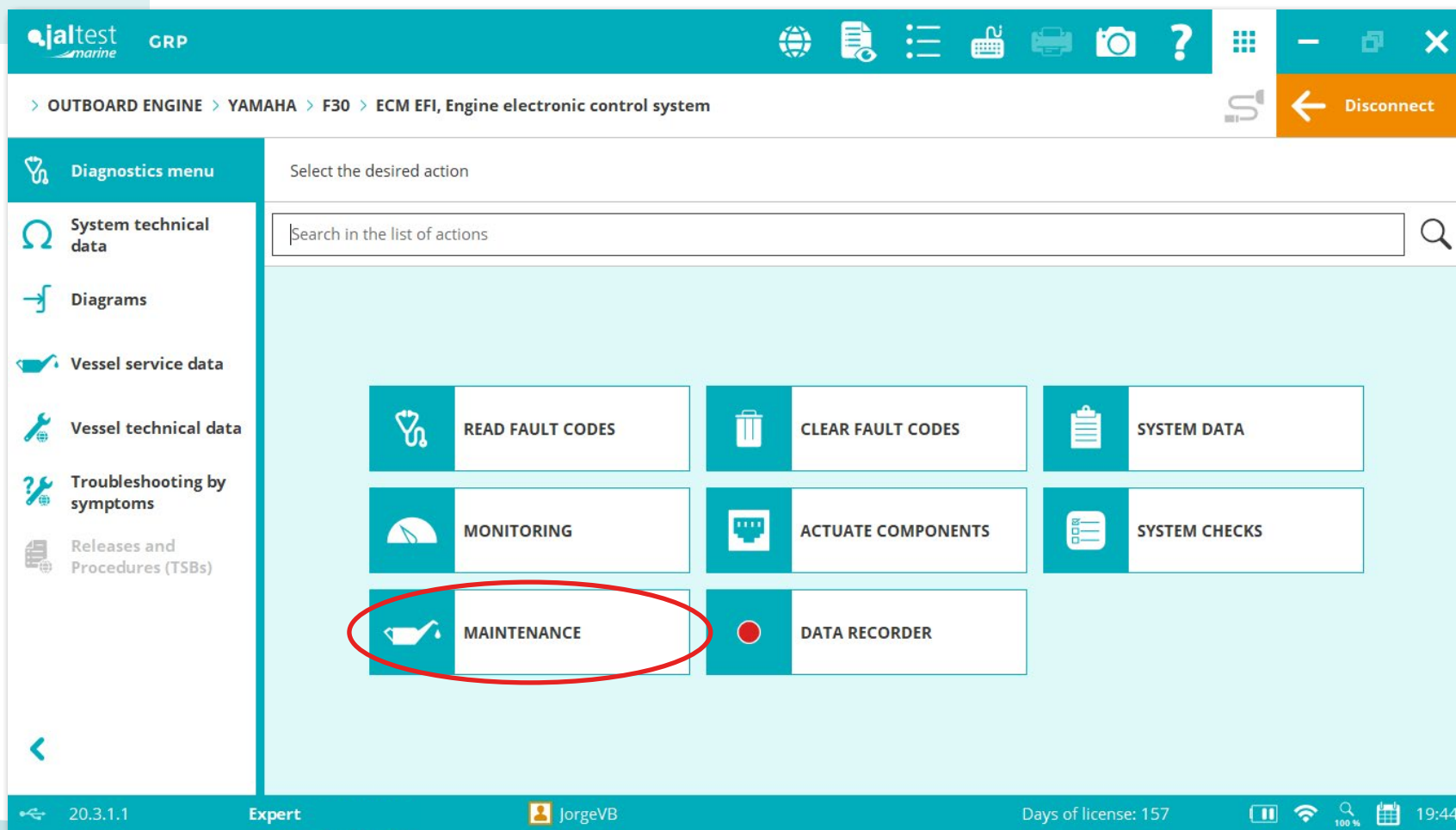
Releases and Procedures (TSBs)

- The remaining conditions of use may be found in the program.

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Disconnect

> OUTBOARD ENGINE > YAMAHA > F30 > ECM EFI, Engine electronic control system

Diagnostics menu

MAINTENANCE \ OIL CHANGE

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

OIL CHANGE

	ENGINE HOURS
1	100
2	203
3	301
4	---
5	---
6	---
7	---
8	---
9	---
10	---

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JorgeVB

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100 %

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> OUTBOARD ENGINE > YAMAHA > F30 > ECM EFI, Engine electronic control system

Diagnostics menu

System technical data

Diagrams

Vessel service data

Vessel technical data

Troubleshooting by symptoms

Releases and Procedures (TSBs)

MAINTENANCE \ OIL CHANGE

OIL CHANGE

	ENGINE HOURS	
1	100	✓
2	203	✗
3	301	?
4	407	📄
5	---	📄
6	---	
7	---	
8	---	
9	---	
10	---	

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> OUTBOARD ENGINE > YAMAHA > F30 > ECM EFI, Engine electronic control system

Diagnostics menu

System technical data

Diagrams

Vessel service data

Vessel technical data

Troubleshooting by symptoms

Releases and Procedures (TSBs)

Engine type: 0.7 (F30)

Add customized sheet

General

First maintenance service

Interval: 20 hours / 3 months

Cooling system

Electrical system

Engine compartment

Generic

Transfer case

Search in the service list

Engine compartment

☒
☒
 SELECT ALL SERVICES

☒
☒
 Change engine oil

☒
☒
 Check fuel filter

☒
☒
 Check state and adjustment on engine throttle linkage

☒
☒
 Check that there are no fuel leaks on the pipes and sleeves of the fuel system and that these ar...

☒
☒
 Check there are no weird noises coming from the engine when starting

☒
☒
 Check there are no weird noises coming from the engine when it is at idle

Select another engine type

Show technical release

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19:47

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DIAGNOSTICS

VESSELS

Preview

Vessels Repair USA
Tax ID / GST: 12314
McConnel Avenue
Phone number: 2134774124

P/N: MA006964
F/W: 20.3.1
S/N: P001716951

Date: 19/01/2021
User: Jorge Verdejo

Customer's Name	Tax ID / GST	Invoice No.	Date:	Hour
			19/01/2021	19:48:03

License/Vessel	Serial number	Number or name

Total covered distance	Service hours

Next maintenance service

MAINTENANCE REPORT

YAMAHA, F30, 0.7 (F30)

SERVICES TYPE	First maintenance service
INTERVALS	20 hours / 3 months

Engine compartment

- ☒ Change engine oil
- ☒ Check fuel filter
- ☒ Check that there are no fuel leaks on the pipes and sleeves of the fuel system and that these are in good conditions
- ☐ Check state and adjustment on engine throttle linkage
- ☐ Check there are no weird noises coming from the engine when starting
- ☐ Check there are no weird noises coming from the engine when it is at idle
- ☐ Check if there are oil leaks in the seals and pipes of the lubrication system
- ☐ Grease the lubrication points
- ☐ Check / adjust the shift link and cable

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