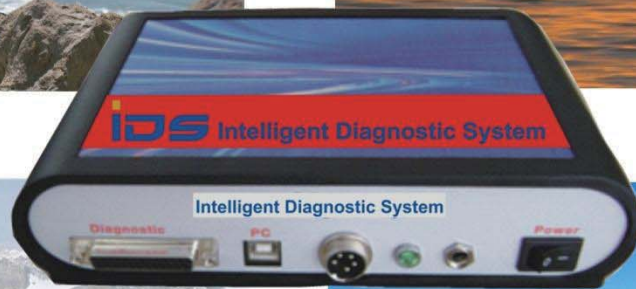
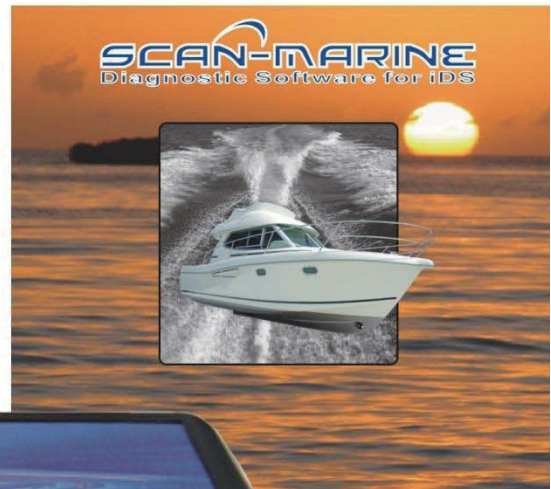


Software manual



Software manual

• <i>Starting the software</i>	.....	Page 3
• <i>Software settings</i>	.....	Page 3
• <i>BRP Sport Boats</i>	.....	Page 4
• <i>BRP 4-TEC rS</i>	.....	Page 12
• <i>BRP 4-TEC iS</i>	.....	Page 20
• <i>BRP 4-TEC</i>	.....	Page 29
• <i>BRP DI</i>	.....	Page 37
• <i>BRP carburetor</i>	.....	Page 45
• <i>Yamaha</i>	.....	Page 46
• <i>Kawasaki Ficht</i>	.....	Page 53
• <i>Kawasaki 12F/15F</i>	.....	Page 59
• <i>Kawasaki Ultra 250/260/300</i>	.....	Page 64
• <i>Polaris Ficht models</i>	.....	Page 70
• <i>Polaris 4-stroke</i>	.....	Page 76
• <i>Honda</i>	.....	Page 80
• <i>Benelli</i>	.....	Page 82
• <i>Support</i>	.....	Page 87
• <i>Updates</i>	.....	Page 88
• <i>Important Links</i>	.....	Page 89

Software manual

Starting the software

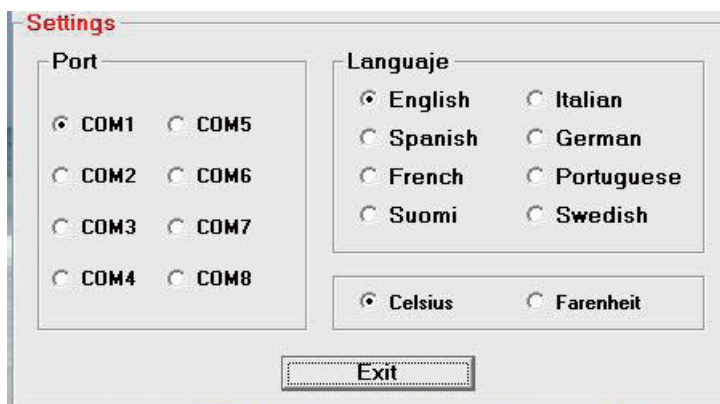


SCAN-SEA
Diagnostic Software for IDS

Double click the icon placed on your desktop

Windows Vista/7 run as "Administrator"
(see software installation guide)

Software settings



Please choose your preferred language.

The COM Port will automatically be selected at time of software installation.

Please be advised, that the COM Port settings in Scan-Sea and Windows have to be identical, otherwise no connection can be established!

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Software manual



BRP Sport Boats

• <i>Select model</i>	Page 5
• <i>Connect to ECM</i>	Page 5
• <i>Settings</i>	Page 6
• <i>Service</i>	.....	Page 6
• <i>Info</i>	.....	Page 7
• <i>Actuators</i>	.....	Page 8
• <i>Live Data</i>	Page 8/9
• <i>Keys</i>	Page 9/10
• <i>Module</i>	Page 10
• <i>Diagnostic</i>	Page 11
• <i>Erase faults</i>	Page 11

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Software manual

Select Protocol



Connect with ECM



After reading the data, all HIGHLIGHTED functions are available

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[Back to BRP Sport Boat Menu](#)

Software manual

Settings



Close Throttle (reset), change language and Cluster unit

Service



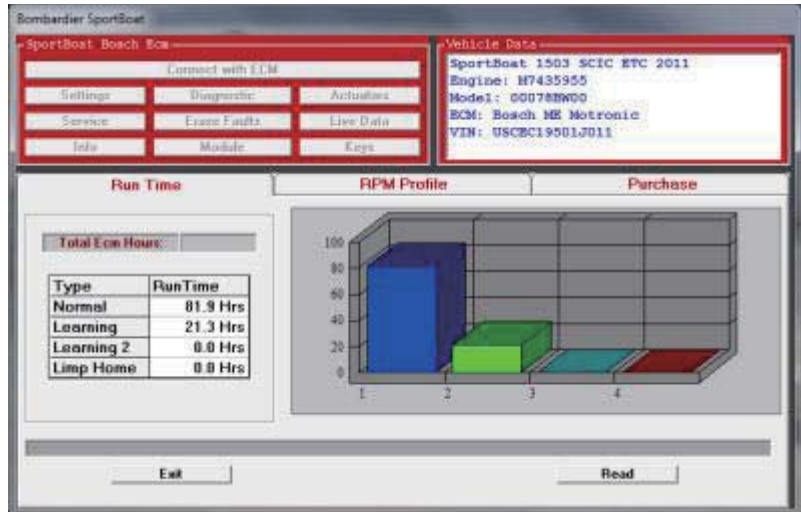
Reset Service and Supercharger hours

[Back to Main Menu](#)

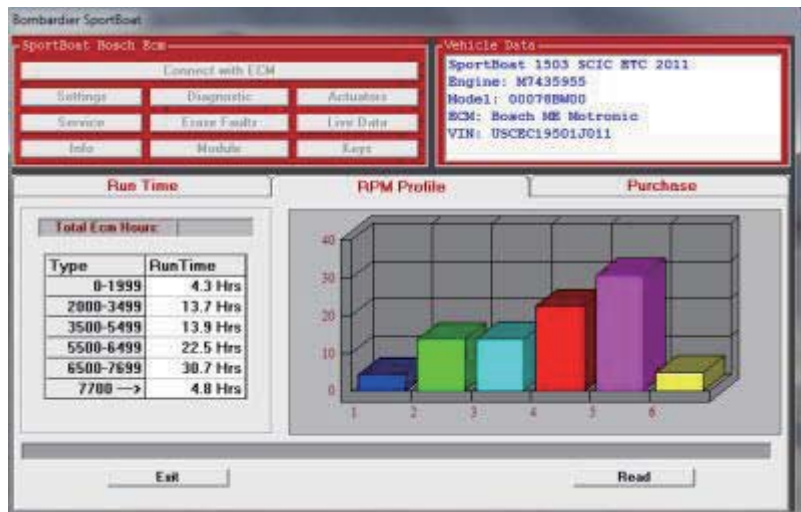
[Back to BRP Sport Boat Menu](#)

Software manual

Info



Run time Info



RPM time Info

[Back to Main Menu](#)

[Back to BRP Sport Boat Menu](#)

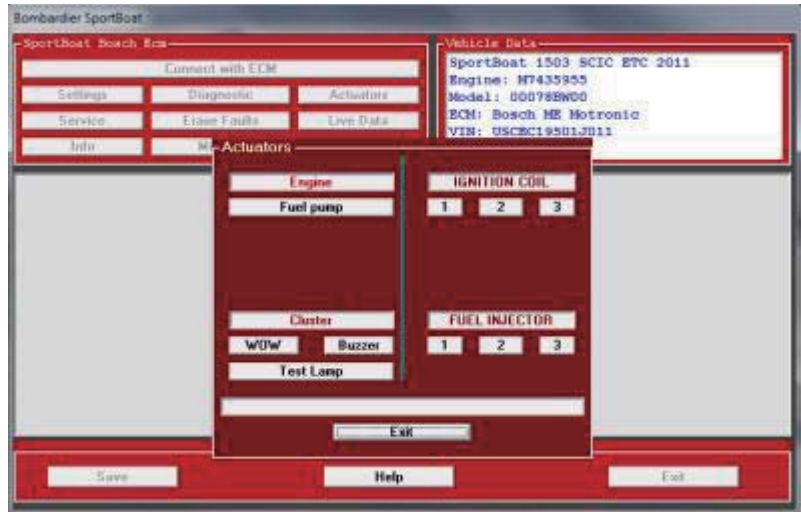
Software manual

Actuators

Scan-Sea sends a signal to the Ski ECM to activate the selected element (fuel pump, buzzer, etc.). The part either responds to the signal "Activated" or not "Not activated".

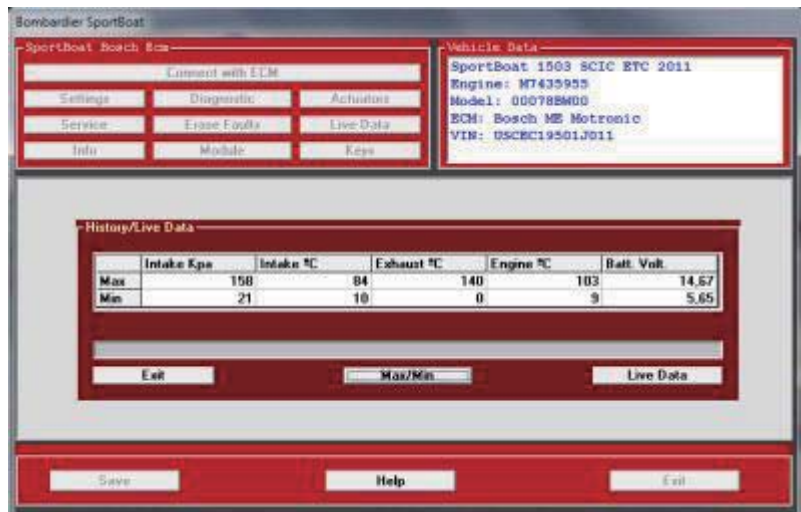
However, this does not indicate if this particular part is working properly or not. The actuators only show if there is a communication between the ECU and the part at this time.

The actuator function is not to detect if a part is defect or not. It is just a quick possibility to see if the part is electronically able to communicate with the ecu, but only at this time. The only way to check these parts is to test them mechanically.



Choose a highlighted button and see the action

Live Data



Historical data information

[Back to Main Menu](#)

[Back to BRP Sport Boat Menu](#)

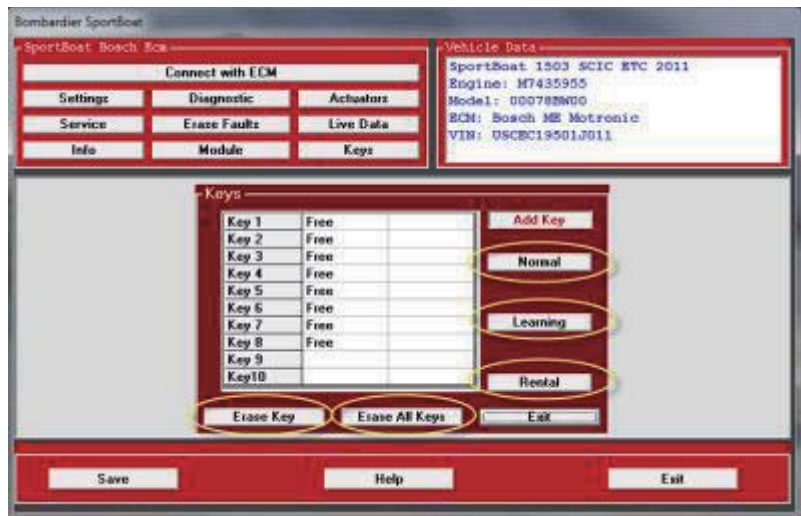
Software manual

Live Data



Live data, important (e.g. to check regulator rectifier)

Keys



Program new "Normal", "Learning" of "Rental" Key.
Erase "Single" or "All" key(s).

[Back to Main Menu](#)

[Back to BRP Sport Boat Menu](#)

Software manual

Keys

Please be advised, not to connect or disconnect the K.P.S. to or from the scanner unless the software explicitly asks you to.

When the countdown window appears, please move the lanyard on the KPS to find the correct connector point. As soon as the connection has been established, the countdown window closes.



Program/Erase keys

Module



Shows ECM and Cluster information

[Back to Main Menu](#)

[Back to BRP Sport Boat Menu](#)

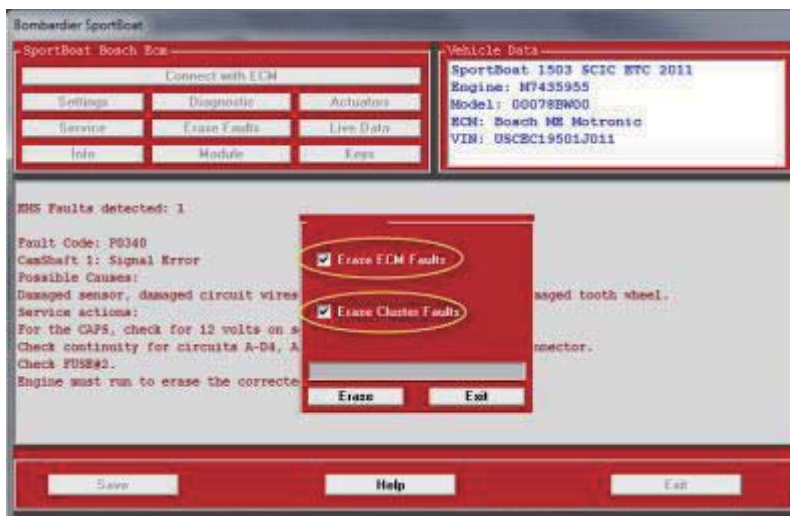
Software manual

Diagnostic



Software reads faults and fault codes, possible causes and service action.

Erase fault codes



Erase ECM and/or Cluster fault codes

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[Back to BRP Sport Boat Menu](#)

Software manual



BRP rS models

• <i>Select model</i>	Page 13
• <i>Connect to ECM</i>	.....	Page 13
• <i>Settings</i>	.....	Page 14
• <i>Service</i>	.....	Page 14
• <i>Info</i>	.....	Page 15
• <i>Actuators</i>	.....	Page 15
• <i>Live Data</i>	Page 16/17
• <i>Keys</i>	Page 17
• <i>Module</i>	Page 18
• <i>Diagnostic</i>	Page 18
• <i>Erase faults</i>	Page 19

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Software manual

Select Protocol



Connect with ECM



After reading the data, all HIGHLIGHTED functions are available

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[Back to BRP rS Menu](#)

Software manual

Settings



Close Throttle (reset), change language and Cluster unit

Service



Reset Service and Supercharger hours

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Software manual

Info



Info

Actuators

Scan-Sea sends a signal to the Ski ECM to activate the selected element (fuel pump, buzzer, etc.). The part either responds to the signal "Activated" or not "Not activated".

However, this does not indicate if this particular part is working properly or not. The actuators only show if there is a communication between the ECU and the part at this time.

The actuator function is not to detect if a part is defect or not. It is just a quick possibility to see if the part is electronically able to communicate with the ecu, but only at this time. The only way to check these parts is to test them mechanically.



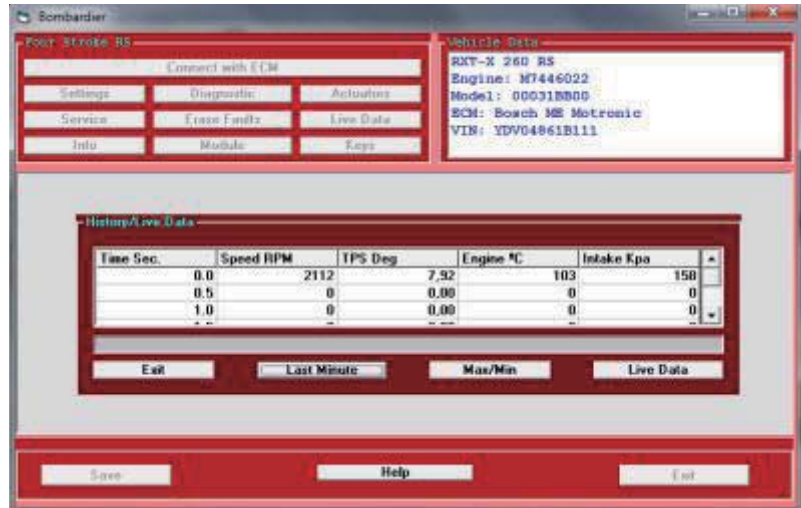
Choose a highlighted button and see the action

[Back to Main Menu](#)

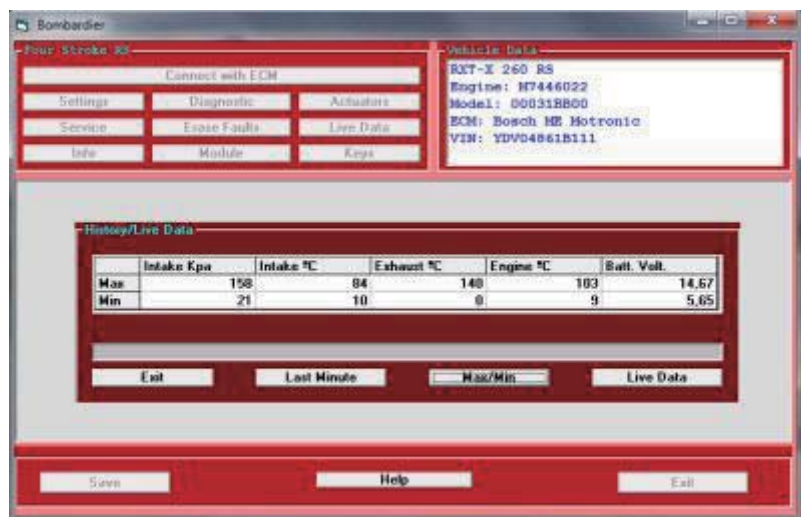
[Back to BRP rS Menu](#)

Software manual

Live Data



Last minute information



Min/Max information

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[Back to BRP rS Menu](#)

Software manual

Live Data



Live data, important (e.g. to check regulator rectifier)

Keys

Please be advised, not to connect or disconnect the K.P.S. to or from the scanner unless the software explicitly asks you to.

When the countdown window appears, please move the lanyard on the KPS to find the correct connector point. As soon as the connection has been established, the countdown window closes.



Program new "Normal", "Learning" of "Rental" Key.

Erase "Single" or "All" key(s).

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[Back to BRP rS Menu](#)

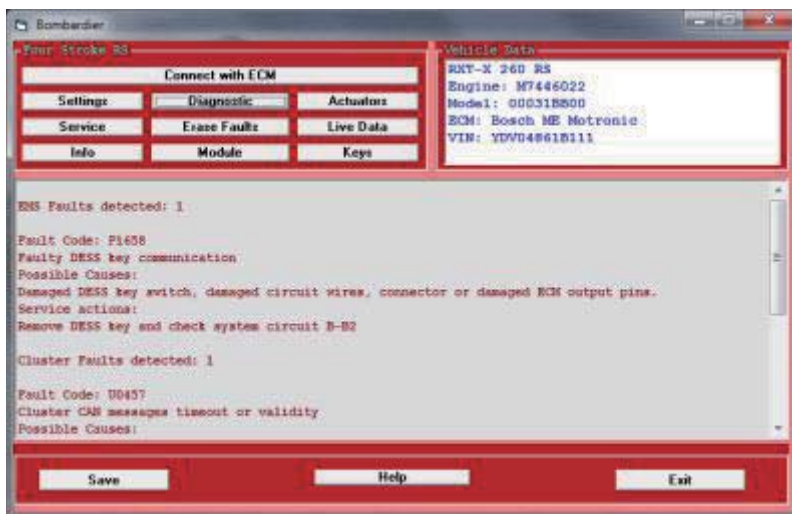
Software manual

Module



Shows ECM, I-Control and Cluster information

Diagnostic



Software reads faults and fault codes, possible causes and service action.

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[Back to BRP rS Menu](#)

Software manual

Erase fault codes



Erase ECM, Cluster and I-Control faults

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[Back to BRP rS Menu](#)

Software manual



BRP iS models

• <i>Select model</i>	Page 21
• <i>Connect to ECM</i>	Page 21
• <i>Settings</i>	.....	Page 22
• <i>Service</i>	.....	Page 22
• <i>Info</i>	.....	Page 23
• <i>Actuators</i>	.....	Page 23
• <i>Live Data</i>	.....	Page 24/25
• <i>Keys</i>	.....	Page 25
• <i>Module</i>	.....	Page 26
• <i>Diagnostic</i>	.....	Page 26
• <i>Erase faults</i>	.....	Page 27

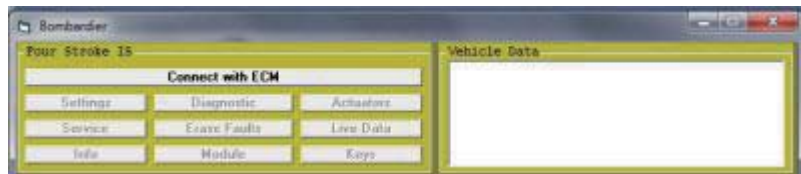
[Back to Main Menu](#)

Software manual

Select Protocol



Connect with ECM



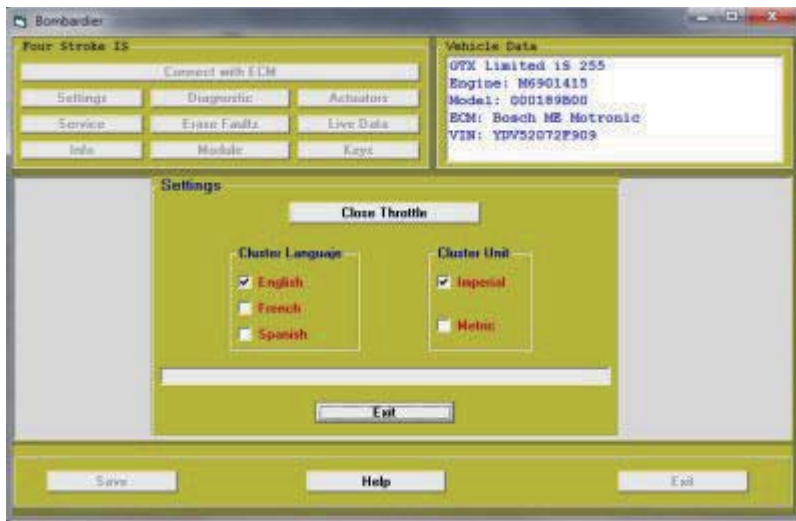
After reading the data, all HIGHLIGHTED functions are available

[Back to Main Menu](#)

[Back to BRP iS Menu](#)

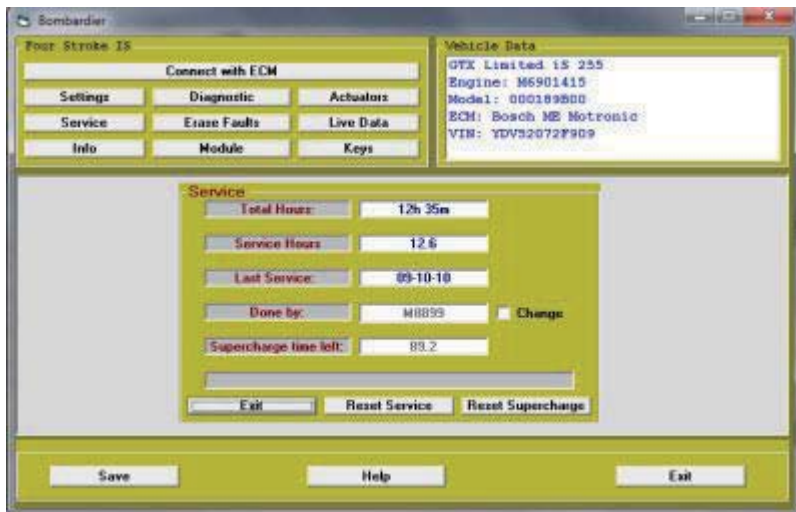
Software manual

Settings



Close Throttle (reset), change language and Cluster unit

Service



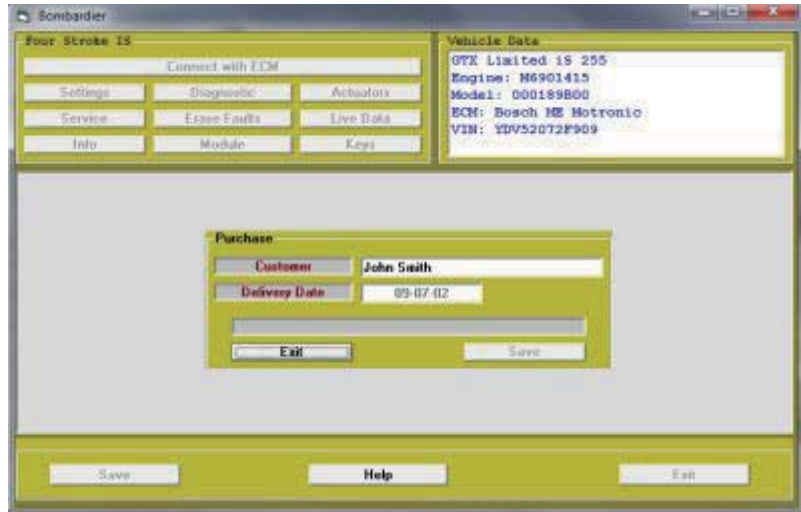
Reset Service and Supercharger hours

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Software manual

Info



Info

Actuators

Scan-Sea sends a signal to the Ski ECM to activate the selected element (fuel pump, buzzer, etc.). The part either responds to the signal "Activated" or not "Not activated".

However, this does not indicate if this particular part is working properly or not. The actuators only show if there is a communication between the ECU and the part at this time.

The actuator function is not to detect if a part is defect or not. It is just a quick possibility to see if the part is electronically able to communicate with the ecu, but only at this time. The only way to check these parts is to test them mechanically.



Choose a highlighted button and see the action

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[Back to BRP iS Menu](#)

Software manual

Live Data



Last minute information



Min/Max information

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Software manual

Live Data



Live data, important (e.g. to check regulator rectifier)

Keys

Please be advised, not to connect or disconnect the K.P.S. to or from the scanner unless the software explicitly asks you to.

When the countdown window appears, please move the lanyard on the KPS to find the correct connector point. As soon as the connection has been established, the countdown window closes.



Program new "Normal", "Learning" of "Rental" Key.

Erase "Single" or "All" key(s).

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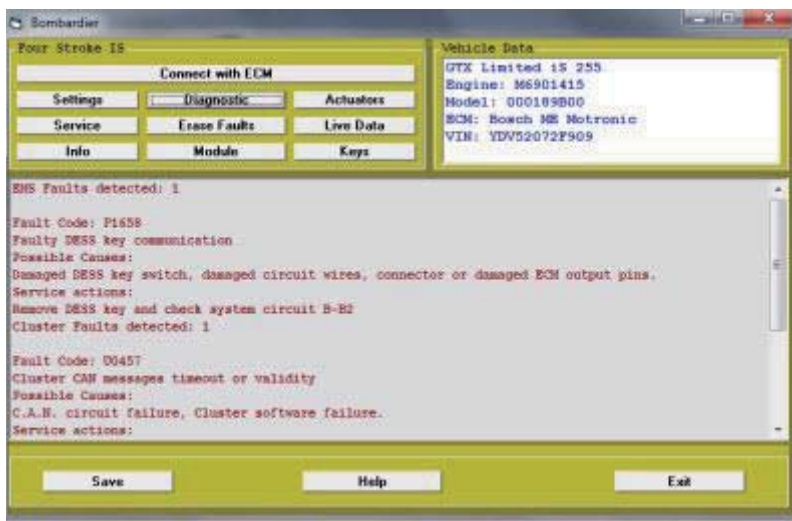
Software manual

Module



Shows ECM, I-Control and Cluster information

Diagnostic



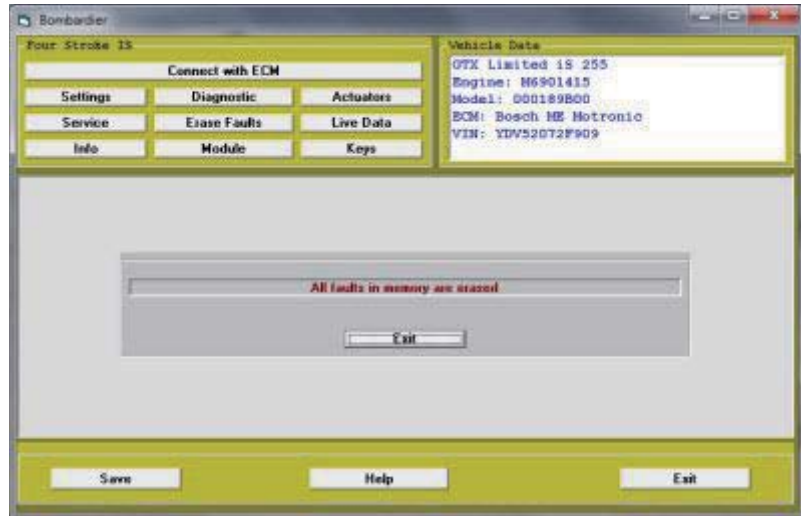
Software reads faults and fault codes, possible causes and service action.

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[Back to BRP iS Menu](#)

Software manual

Erase fault codes



Erase ECM, Cluster and I-Control faults

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[Back to BRP iS Menu](#)

Software manual



BRP 4-TEC

• <i>Select model</i>	Page 29
• <i>Connect to ECM</i>	Page 29
• <i>Settings</i>	.....	Page 30
• <i>Service</i>	.....	Page 31
• <i>Info</i>	.....	Page 31/32
• <i>Actuators</i>	.....	Page 32
• <i>Live Data</i>	.....	Page 33/34
• <i>Keys</i>	Page 34/35
• <i>Diagnostic</i>	Page 35
• <i>Freeze Frame</i>	Page 36
• <i>Erase faults</i>	Page 36

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Software manual

Select Protocol



Connect with ECM



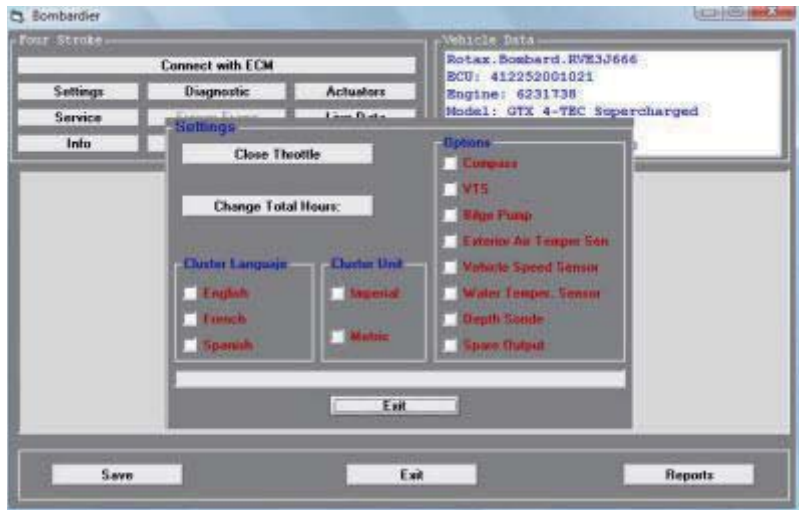
After reading the data, all HIGHLIGHTED functions are available

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[Back to BRP 4-TEC Menu](#)

Software manual

Settings

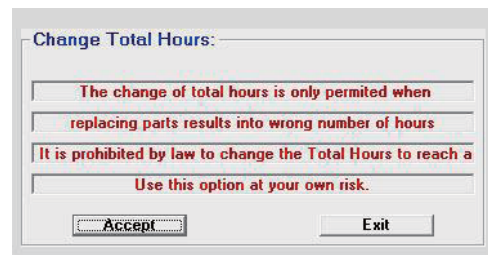


**Change Total hours, language, Cluster unit and Options.
Synchronise ECM and Cluster.**

Please be advised:

IT IS PROHIBITED BY LAW TO CHANGE THE TOTAL NUMBER OF HOURS TO REACH A BETTER SALE OF THE

WATERCRAFT. THE MANUFACTURER/DISTRIBUTOR OR SELLER OF SCAN-SEA IS NOT RESPONSIBLE FOR MIS-USAGE.



The software allows you also to change the total hours of a PWC!

The change of total number of hours is only permitted when replacing parts results into wrong number of hours.

For example: a new ECM was installed and the hours displayed are zero. In this case it is appropriate to change the hours back to the original number.

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[Back to BRP 4-TEC Menu](#)

Software manual

Service

Bombardier

Four Stroke IS

Connect with ECM

Settings	Diagnostic	Actuators
Service	Erase Faults	Live Data
Info	Module	Keys

Vehicle Data

GTX Limited 1S 255
 Engine: M6901415
 Model: 000189B00
 ECM: Bosch ME Motronic
 VIN: YDV52072F909

Service

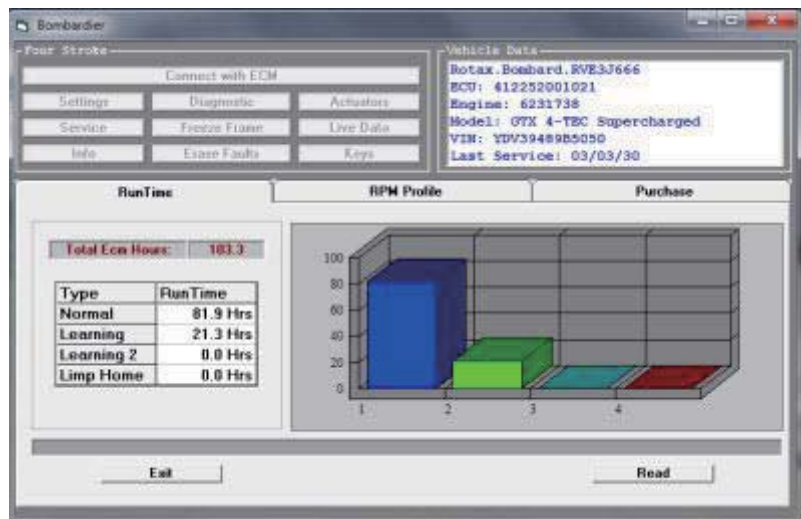
Total Hours: 12h 35m
 Service Hours: 12.6
 Last Service: 09-10-10
 Done by: M8899 ☐ Change
 Supercharge time left: 89.2

Exit Reset Service Reset Supercharge

Save Help Exit Reports

**Resetting service hours as well as the
supercharger hours**

Info



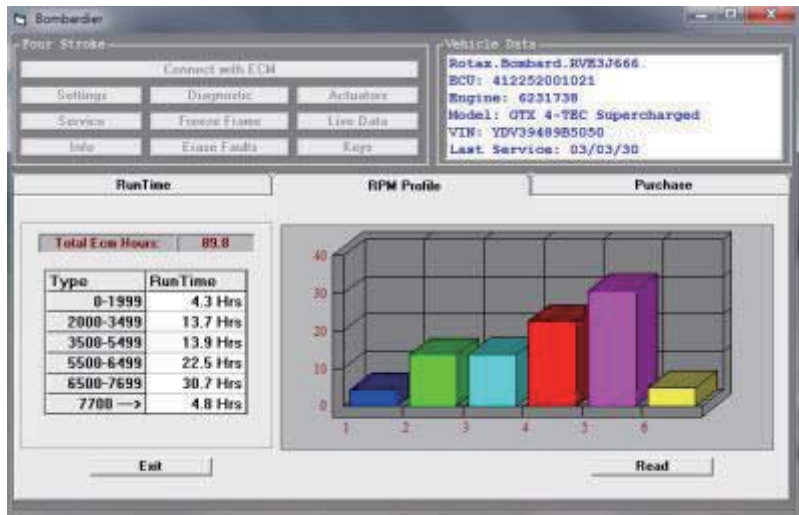
Run Time Information

[Back to Main Menu](#)

[Back to BRP 4-TEC Menu](#)

Software manual

Info



RPM Information

Actuators

Scan-Sea sends a signal to the Ski ECM to activate the selected element (fuel pump, buzzer, etc.). The part either responds to the signal "Activated" or not "Not activated".

However, this does not indicate if this particular part is working properly or not. The actuators only show if there is a communication between the ECU and the part at this time.

The actuator function is not to detect if a part is defect or not. It is just a quick possibility to see if the part is electronically able to communicate with the ecu, but only at this time. The only way to check these parts is to test them mechanically.



Choose a highlighted button and see the action

[Back to Main Menu](#)

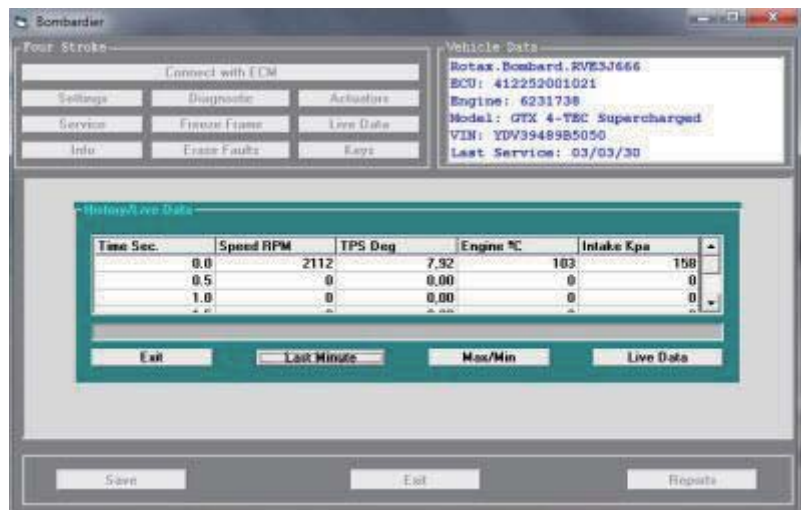
[Back to BRP 4-TEC Menu](#)

Software manual

Live Data



Last Minute information



Information Max/Min

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[Back to BRP 4-TEC Menu](#)

Software manual

Live Data



Live data, important (e.g. to check regulator rectifier)

Keys



Program new "Normal", "Learning" of "Rental" Key.
Erase "Single" or "All" key(s).

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Software manual

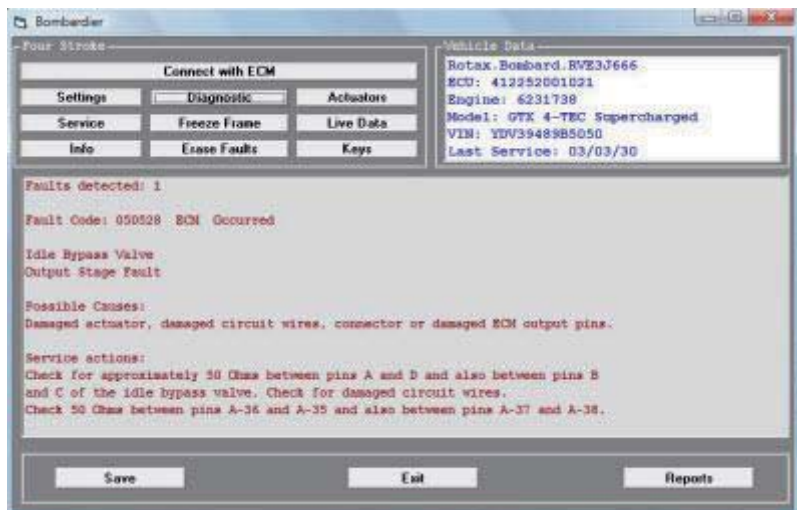
Keys

Please be advised, not to connect or disconnect the K.P.S. to or from the scanner unless the software explicitly asks you to.

When the countdown window appears, please move the lanyard on the KPS to find the correct connector point. As soon as the connection has been established, the countdown window closes



Diagnostic



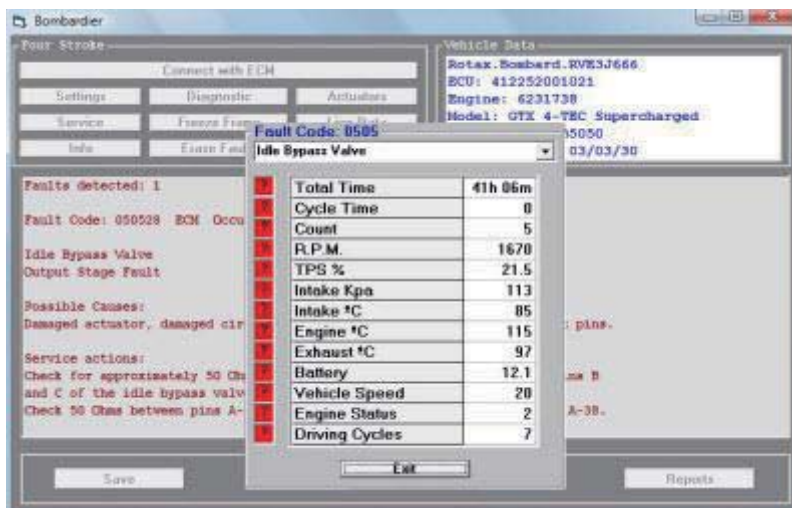
Software reads faults and fault codes, possible causes and service action.

[Back to Main Menu](#)

[Back to BRP 4-TEC Menu](#)

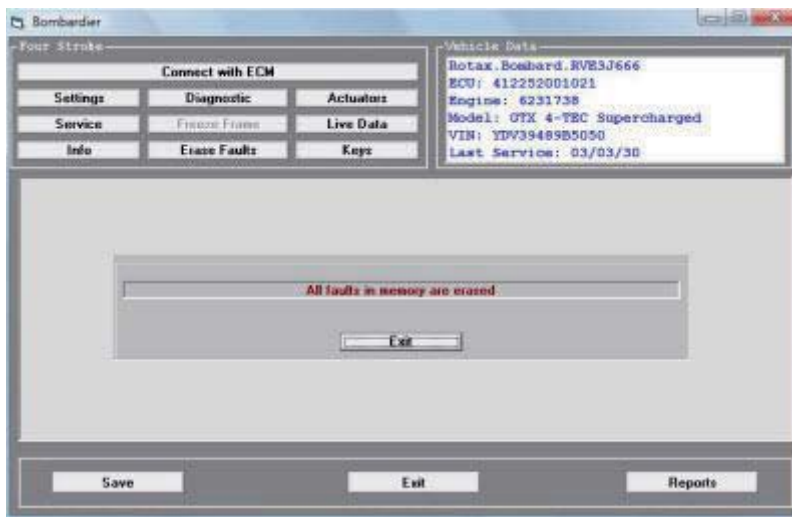
Software manual

Freeze Frame



The freeze frame shows additional (helpful) information about the PWC condition by the time the fault occurred

Erase faults codes



Erase fault codes

[Back to Main Menu](#)

[Back to BRP 4-TEC Menu](#)

Software manual



BRP DI

• <i>Select model</i>	.....	Page 38
• <i>Connect to ECM</i>	.....	Page 38
• <i>Settings</i>	.....	Page 39
• <i>Service</i>	.....	Page 40
• <i>Info</i>	.....	Page 40
• <i>Actuators</i>	Page 41
• <i>Live Data</i>	Page 41/42
• <i>Keys</i>	Page 43
• <i>Diagnostic</i>	Page 43
• <i>Erase faults</i>	Page 44

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Software manual

Select Protocol



Connect with ECM



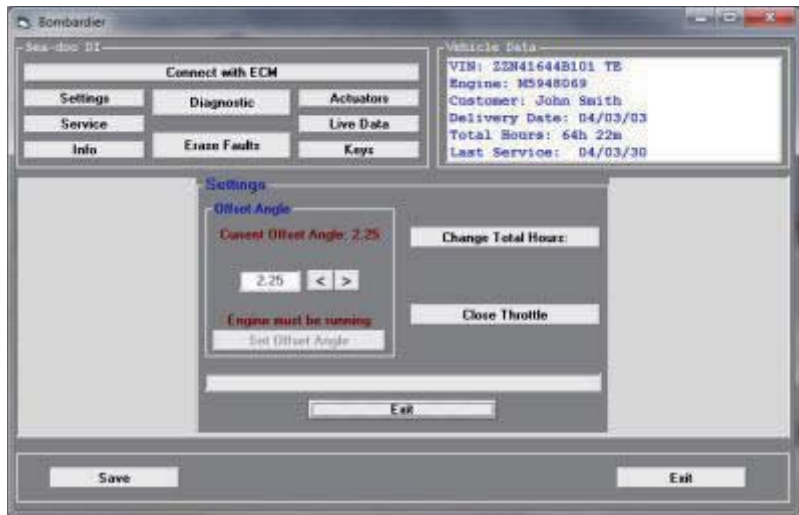
After reading the data, all HIGHLIGHTED functions are available

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[Back to BRP DI Menu](#)

Software manual

Settings

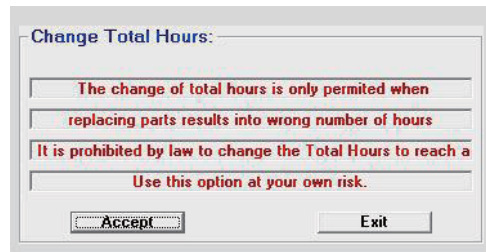


Change Offset Angle, reset Throttle and change Total hours,

Please be advised:

IT IS PROHIBITED BY LAW TO CHANGE THE TOTAL NUMBER OF HOURS TO REACH A BETTER SALE OF THE

WATERCRAFT. THE MANUFACTURER/DISTRIBUTOR OR SELLER OF SCAN-SEA IS NOT RESPONSIBLE FOR MIS-USAGE.



The software allows you also to change the total hours of a PWC!

The change of total number of hours is only permitted when replacing parts results into wrong number of hours.

For example: a new ECM was installed and the hours displayed are zero. In this case it is appropriate to change the hours back to the original number.

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Software manual

Service

Bombardier

Ses-door DI

Connect with ECM

Settings Diagnostic Actuators

Service Live Data

Info Erase Faults Keys

Vehicle Data

VIN: Z3N41644B101 78

Engine: M5948069

Customer: John Smith

Delivery Date: 04/03/03

Total Hours: 64h 22m

Last Service: 04/03/30

Service

Total Hours: 64h 22m

Last Service: 04/03/30 12h 50m

Done by: M0839

Exit Reset Service

Save Exit

Resetting service hours

Info

Bombardier

Ses-door DI

Connect with ECM

Settings Diagnostic Actuators

Service Live Data

Info Erase Faults Keys

Vehicle Data

VIN: Z3N41644B101 78

Engine: M5948069

Customer: John Smith

Delivery Date: 04/03/03

Total Hours: 64h 22m

Last Service: 04/03/30

Info

Customer: John Smith

Delivery Date: 04/03/03

Exit Save

Save Exit

Information

[Back to Main Menu](#)

[Back to BRP DI Menu](#)

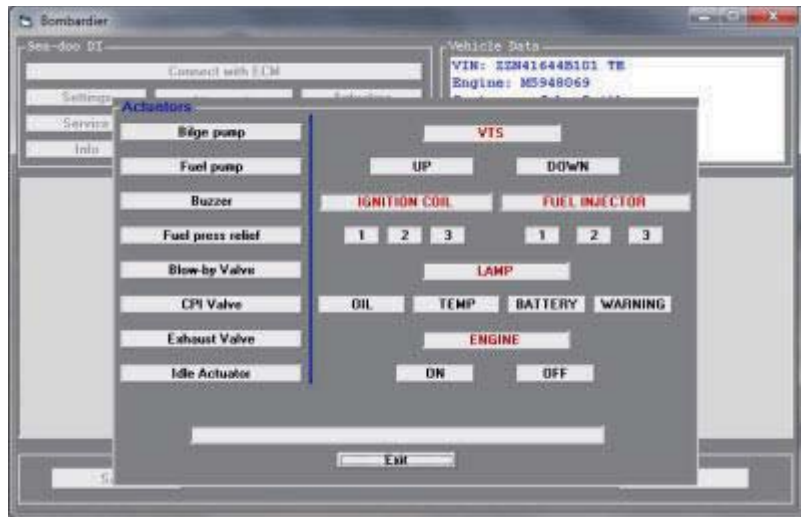
Software manual

Actuators

Scan-Sea sends a signal to the Ski ECM to activate the selected element (fuel pump, buzzer, etc.). The part either responds to the signal "Activated" or not "Not activated".

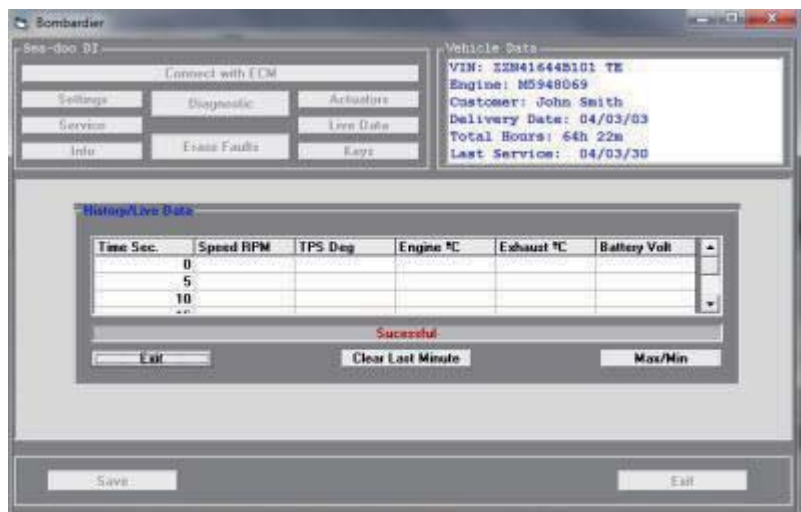
However, this does not indicate if this particular part is working properly or not. The actuators only show if there is a communication between the ECU and the part at this time.

The actuator function is not to detect if a part is defect or not. It is just a quick possibility to see if the part is electronically able to communicate with the ecu, but only at this time. The only way to check these parts is to test them mechanically.



Choose a highlighted button and see the action

Live Data



Last 30 seconds

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[Back to BRP DI Menu](#)

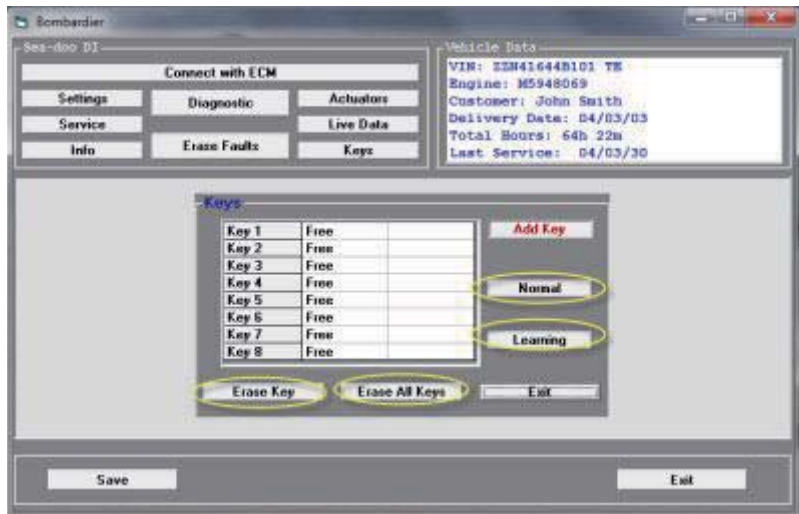
Software manual

Live Data



Information Max/Min

Keys



Program new "Normal", "Learning" of "Rental" Key.
Erase "Single" or "All" key(s).

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[Back to BRP DI Menu](#)

Software manual

Keys

Please be advised, not to connect or disconnect the K.P.S. to or from the scanner unless the software explicitly asks you to.

When the countdown window appears, please move the lanyard on the KPS to find the correct connector point. As soon as the connection has been established, the countdown window closes



Diagnostic



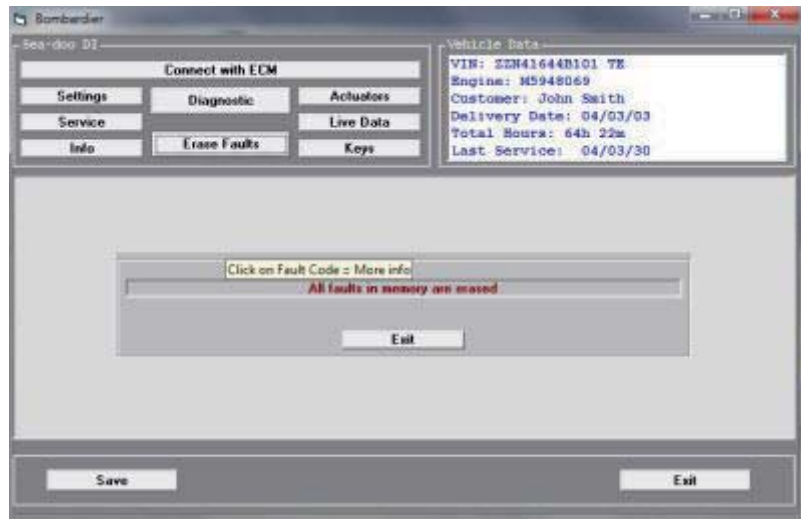
Software reads faults and fault codes, possible causes and service action.

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[Back to BRP DI Menu](#)

Software manual

Erase fault codes



Erase fault codes

[Back to Main Menu](#)

[Back to BRP DI Menu](#)

Software manual



BRP Carburetor

• <i>Select model</i>	Page 46
• <i>Connect to ECM</i>	Page 46
• <i>Reset Service</i>	Page 46
• <i>Keys</i>	Page 47

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Software manual

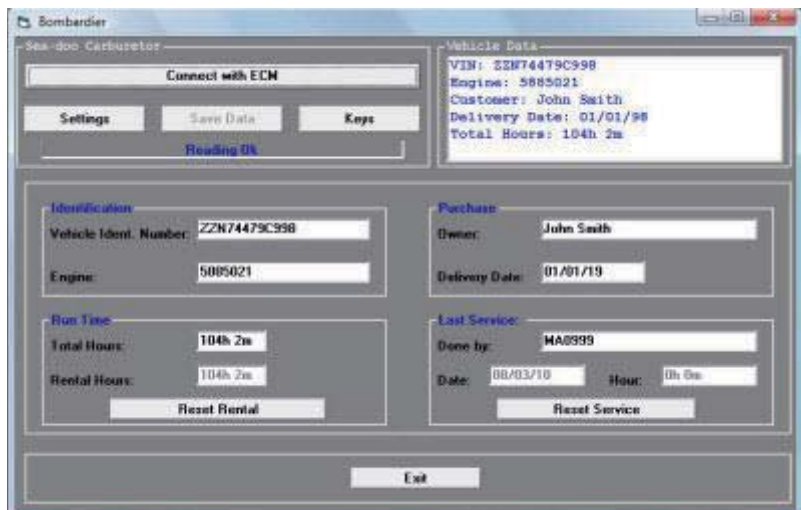
Select Protocol

1. choose Carburetor protocol from the BRP menu



Connect with ECM

2. Hit the "connect button" and attach dess connector to dess post of the ski (buzzer beeps)
3. After about 3-5 seconds you see all the ski information on your computer screen
4. From now on you have 10 min. to do what you need to do
5. If you're done, hit "Save button" and within 35 seconds the complete data will be recorded into the ecm
6. If you get the message "cannot connect with ecm" start the process from the beginning



After reading the data, all HIGHLIGHTED functions are available

Reset Service and Rental hours

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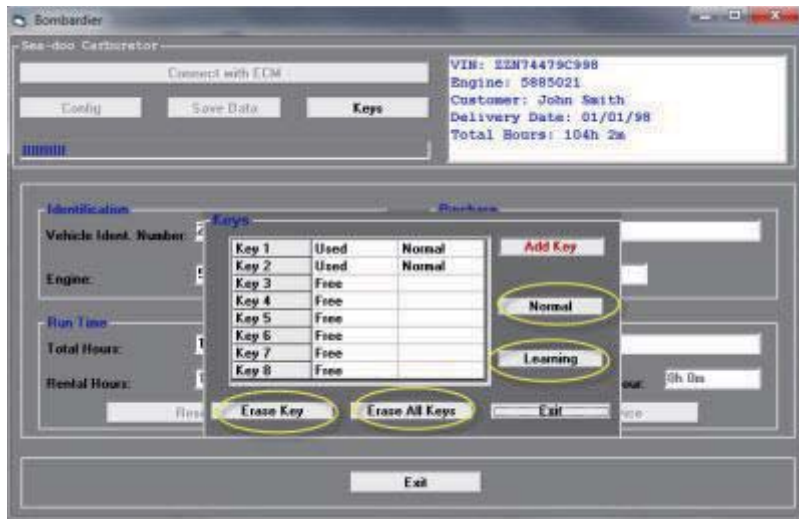
[Back to BRP Carbureto Menu](#)

Software manual

Keys

Please be advised, not to connect or disconnect the K.P.S. to or from the scanner unless the software explicitly asks you to.

When the countdown window appears, please move the lanyard on the KPS to find the correct connector point. As soon as the connection has been established, the countdown window closes



Program new "Normal" or "Learning" Key.
Erase "Single" or "All" **key(s)**.

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[Back to BRP Carburetor Menu](#)

Software manual



Yamaha

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• <i>Life Data</i>	Page 51
• <i>Diagnostic</i>	Page 51
• <i>Erase faults</i>	Page 52

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Software manual

Select Protocol



Connect with ECM



After reading the data, all HIGHLIGHTED functions are available

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[Back to YAMAHA Menu](#)

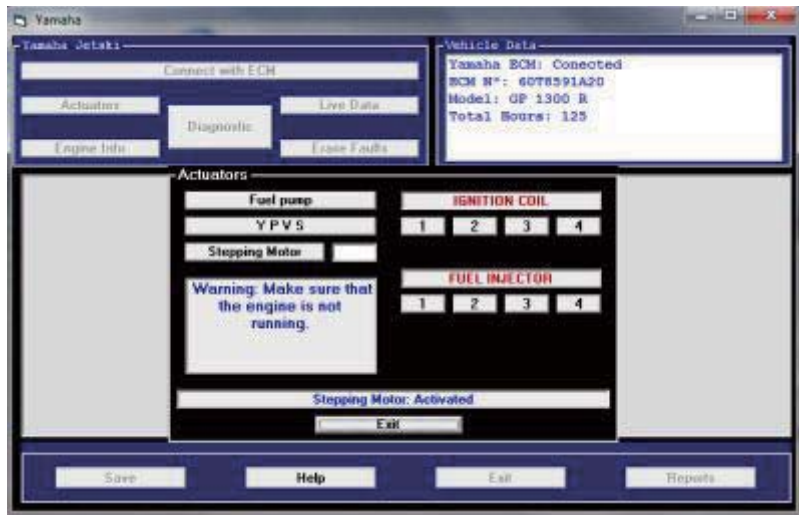
Software manual

Actuators

Scan-Sea sends a signal to the Ski ECM to activate the selected element (fuel pump, buzzer, etc.). The part either responds to the signal "Activated" or not "Not activated".

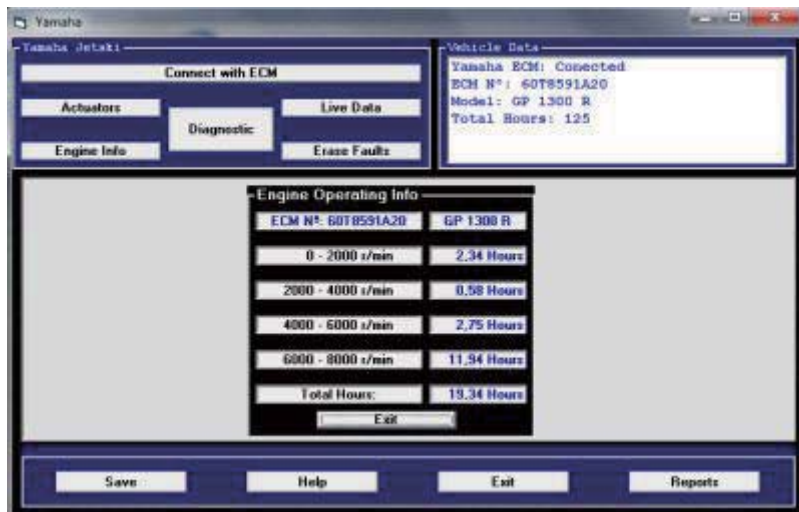
However, this does not indicate if this particular part is working properly or not. The actuators only show if there is a communication between the ECU and the part at this time.

The actuator function is not to detect if a part is defect or not. It is just a quick possibility to see if the part is electronically able to communicate with the ecu, but only at this time. The only way to check these parts is to test them mechanically.



Choose a highlighted button and see the action

Engine Info



Engine data history

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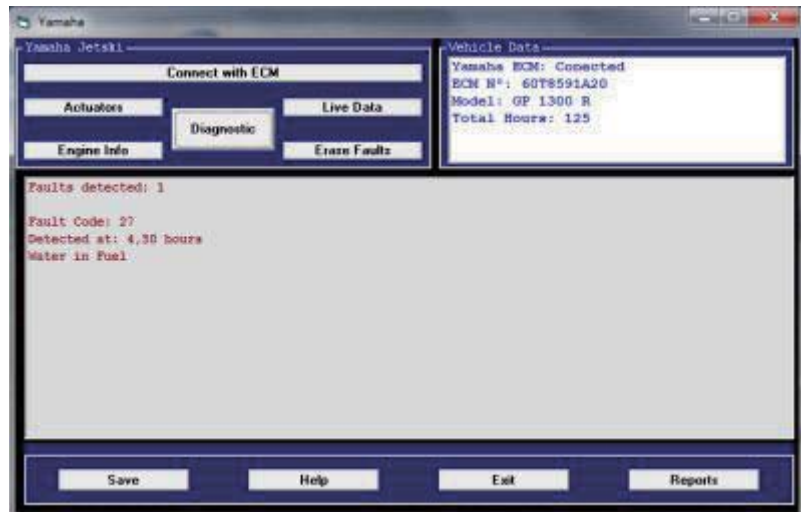
Software manual

Live Data



Live data, important (e.g. to check regulator rectifier)

Diagnostic



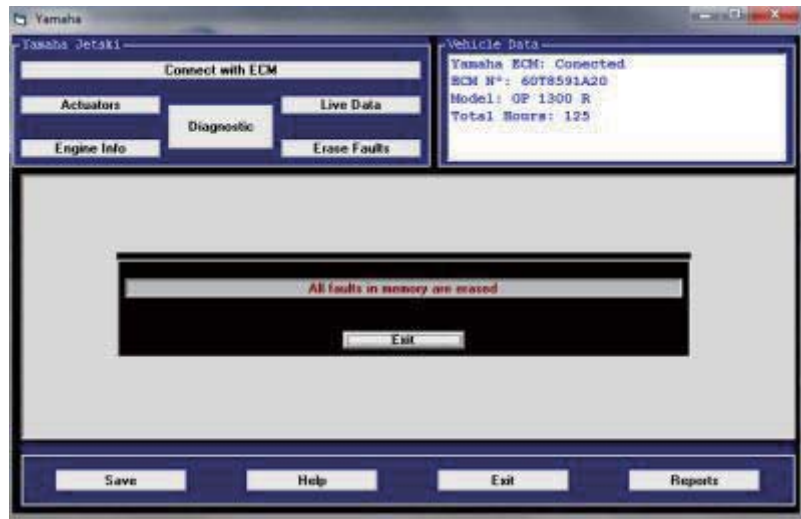
Software reads faults and fault codes, possible causes and service action.

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Software manual

Erase fault codes



Erase fault codes

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Kawasaki Ficht

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Software manual

Select Protocol



Connect with ECM



After reading the data, all HIGHLIGHTED functions are available

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Actuators

Scan-Sea sends a signal to the Ski ECM to activate the selected element (fuel pump, buzzer, etc.). The part either responds to the signal "Activated" or not "Not activated".

However, this does not indicate if this particular part is working properly or not. The actuators only show if there is a communication between the ECU and the part at this time.

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Choose a highlighted button and see the action

Engine Info



Software manual

Live Data



Live data, important (e.g. to check regulator rectifier)

Service



Service "Read and Save data" (switch ecu)

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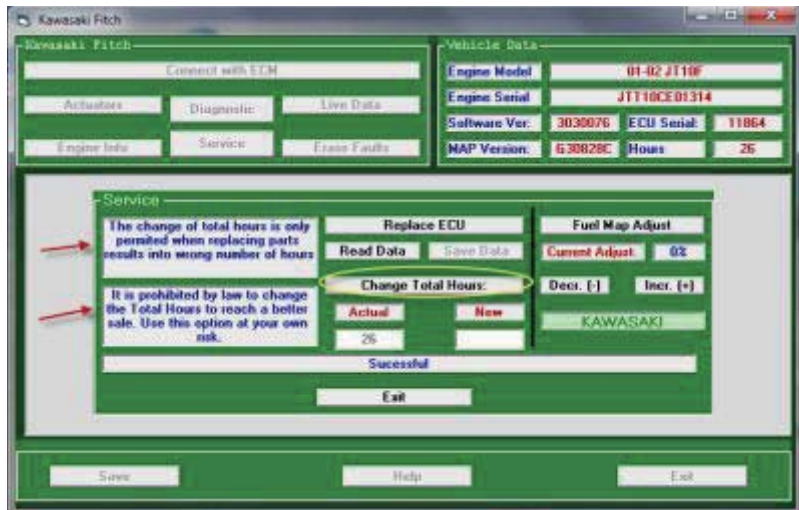
Software manual

Service Change total hours

Please be advised:

IT IS PROHIBITED BY LAW TO CHANGE THE TOTAL NUMBER OF HOURS TO REACH A BETTER SALE OF THE

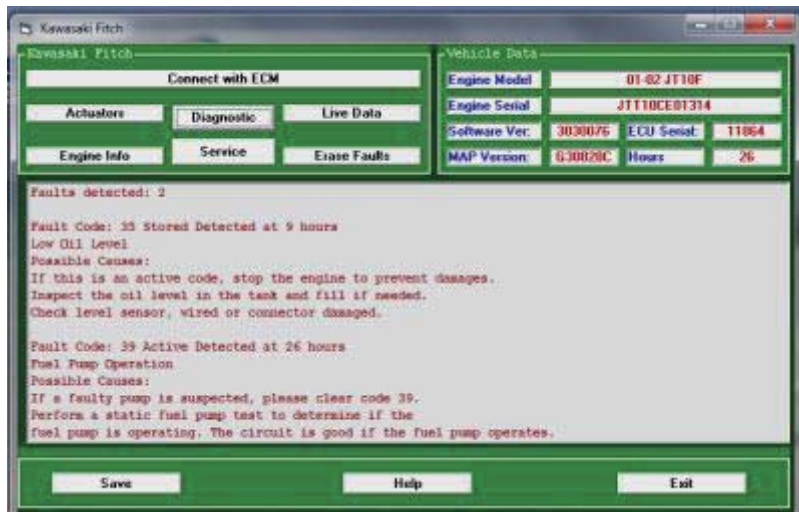
WATERCRAFT. THE MANUFACTURER/DISTRIBUTOR OR SELLER OF SCAN-SEA IS NOT RESPONSIBLE FOR MIS-USAGE.



The change of total number of hours is only permitted when replacing parts results into wrong number of hours.

For example: a new ECM was installed and the hours displayed are zero. In this case it is appropriate to change the hours back to the original number.

Diagnostic



Software reads faults and fault codes, possible causes and service action.

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Software manual

Erase fault codes



Erase fault codes

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Kawasaki 12F/15F

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• <i>Erase faults</i>	Page 61
• <i>Life Data</i>	Page 62
• <i>Actuators</i>	Page 62
• <i>Engine Info</i>	Page 63

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Software manual

Select Protocol



Connect with ECM



After reading the data, all HIGHLIGHTED functions are available

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Software manual

Diagnostic



Software reads faults and fault codes, possible causes and service action.

Erase fault codes



Erase fault codes

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Software manual

Live Data



Live data, important (e.g. to check regulator rectifier)

Actuators

Scan-Sea sends a signal to the Ski ECM to activate the selected element (fuel pump, buzzer, etc.). The part either responds to the signal "Activated" or not "Not activated".

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The actuator function is not to detect if a part is defect or not. It is just a quick possibility to see if the part is electronically able to communicate with the ecu, but only at this time. The only way to check these parts is to test them mechanically.



Choose a highlighted button and see the action

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Software manual

Engine Info

The screenshot shows the 'Kawasaki Four Stroke' software interface. At the top, there are buttons for 'Connect with ECM', 'Diagnostic', 'Erase Faults', 'Live Data', 'Actuators', and 'Info'. Below these, the 'Engine Model' is set to 'KAWASAKI 12F/15F'. The 'Specific' dropdown is set to 'All'. The 'Faults History Info' section displays two registers. Register 1 shows 'Fault #1' as 'Camshaft Angle Sensor' with a value of '21175-3732'. Other parameters for Register 1 include 'Intake Air Press.' (213), 'Batt. Volt.' (12.60), 'R.P.M.' (1410), and 'Throttle opening' (1.15). Register 2 shows 'Fault #2' as 'Not fault in memory' with a value of '21175-3732'. Other parameters for Register 2 include 'Intake Air Press.' (213), 'Batt. Volt.' (12.60), 'R.P.M.' (1410), and 'Throttle opening' (1.15). The 'Hours' field is set to '125'. At the bottom, there are 'Save', 'Exit', and 'Print' buttons.

Engine Model	Specific	Faults History Info	Hours
KAWASAKI 12F/15F	All	REGISTER 1	21175-3732
		Fault #1	Camshaft Angle Sensor
		Intake Air Press.	213
		Batt. Volt.	12.60
		R.P.M.	1410
		Throttle opening	1.15
		REGISTER 2	21175-3732
		Fault #2	Not fault in memory
		Intake Air Press.	213
		Batt. Volt.	12.60
		R.P.M.	1410
		Throttle opening	1.15
		Hours	125

Engine data history

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Kawasaki Ultra 250/260/300

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• <i>Fault info's</i>	Page 66
• <i>Life Data</i>	Page 67
• <i>Keys</i>	Page 67/68
• <i>Diagnostic</i>	Page 69
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Software manual

Select Protocol



Connect with ECM



After reading the data, all HIGHLIGHTED functions are available

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Actuators

Scan-Sea sends a signal to the Ski ECM to activate the selected element (fuel pump, buzzer, etc.). The part either responds to the signal "Activated" or not "Not activated".

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Choose a highlighted button and see the action

Fault Info



Fault Info

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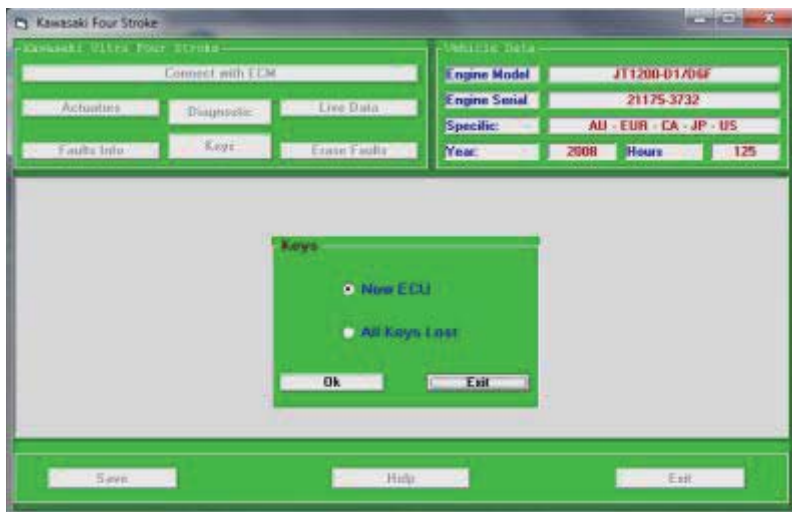
Software manual

Live Data



Live data, important (e.g. to check regulator rectifier)

Keys



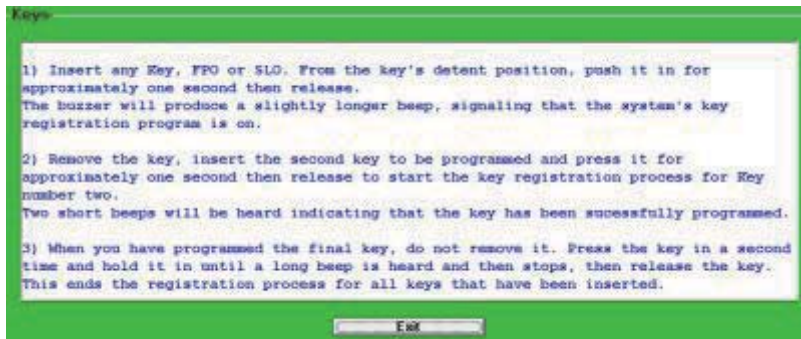
Program key to a new ecu

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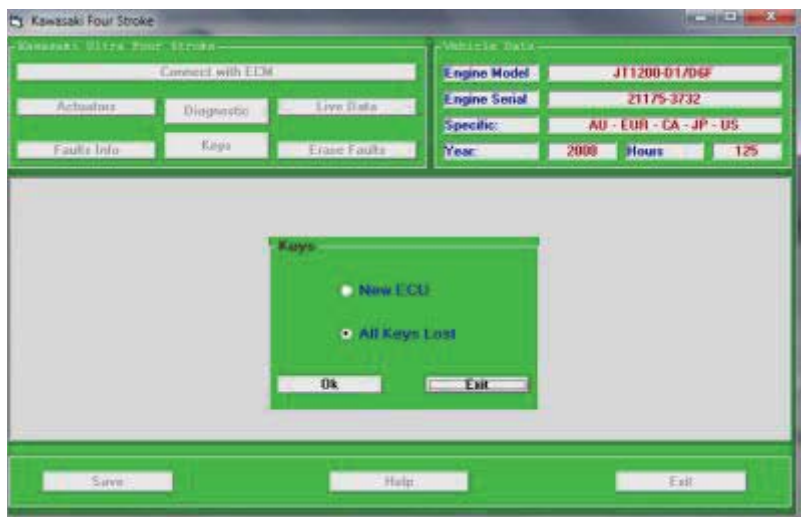
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Software manual

Keys



Program key to a new ecu



Lost key procedure



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Software manual

Diagnostic



Software reads faults and fault codes, possible causes and service action.

Erase fault codes



Erase fault codes

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Software manual



Polaris Ficht models

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• <i>Life Data</i>	Page 73
• <i>Service</i>	Page 73/74
• <i>Diagnostic</i>	Page 74
• <i>Erase faults</i>	Page 75

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Software manual

Select Protocol



Connect with ECM



After reading the data, all HIGHLIGHTED functions are available

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Actuators

Scan-Sea sends a signal to the Ski ECM to activate the selected element (fuel pump, buzzer, etc.). The part either responds to the signal "Activated" or not "Not activated".

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The actuator function is not to detect if a part is defect or not. It is just a quick possibility to see if the part is electronically able to communicate with the ecu, but only at this time. The only way to check these parts is to test them mechanically.



Choose a highlighted button and see the action

Engine Info



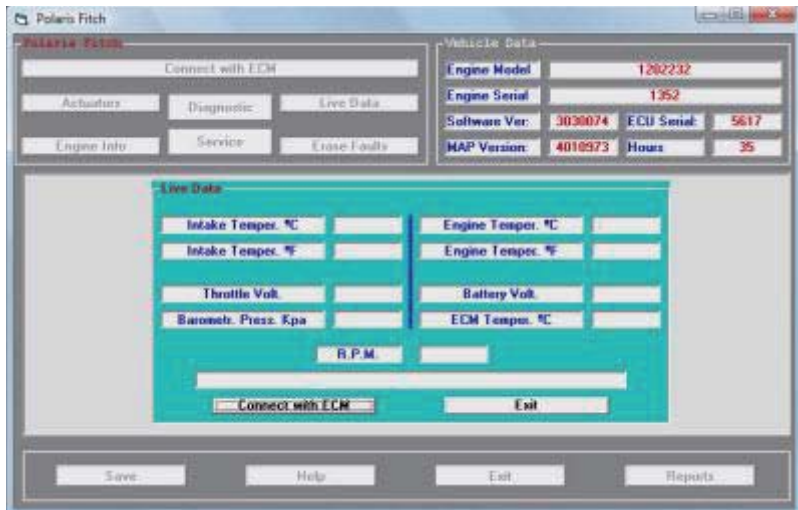
Engine Info

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Software manual

Live Data



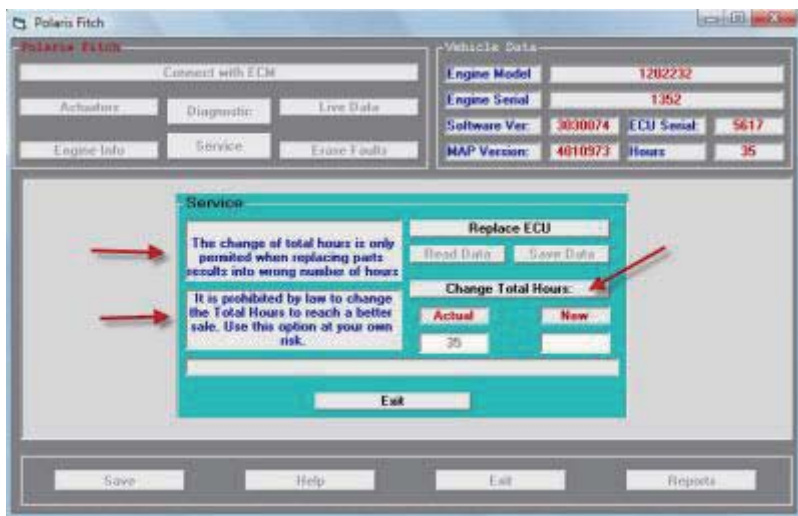
Live data, important (e.g. to check regulator rectifier)

Service Change total hours

Please be advised:

IT IS PROHIBITED BY LAW TO CHANGE THE TOTAL NUMBER OF HOURS TO REACH A BETTER SALE OF THE

WATERCRAFT. THE MANUFACTURER/DISTRIBUTOR OR SELLER OF SCAN-SEA IS NOT RESPONSIBLE FOR MIS-USAGE.



The change of total number of hours is only permitted when replacing parts results into wrong number of hours.

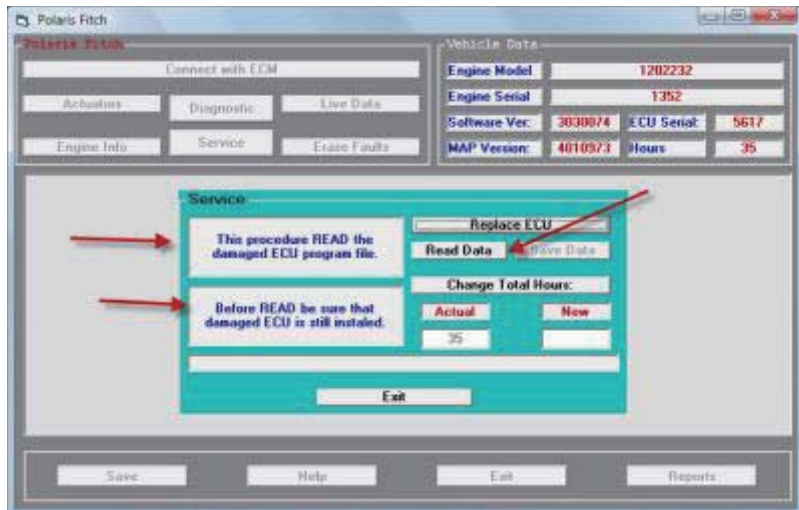
For example: a new ECM was installed and the hours displayed are zero. In this case it is appropriate to change the hours back to the original number.

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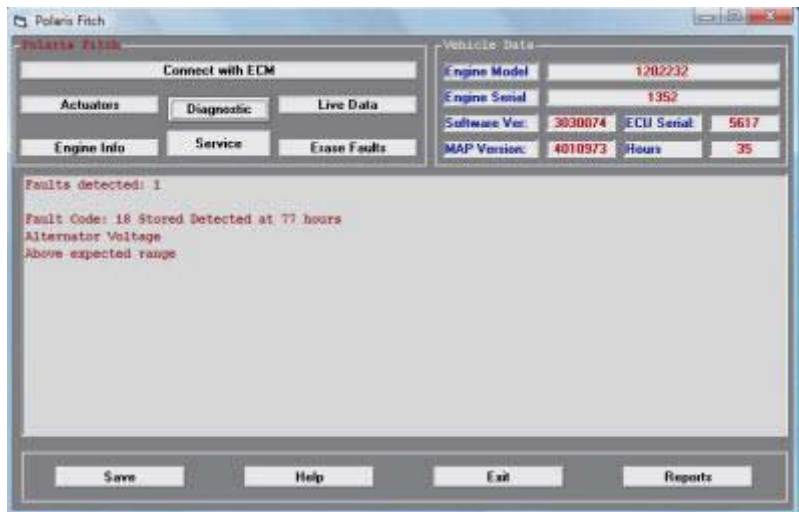
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Service



Service "Read and Save data" (switch ecu)

Diagnostic



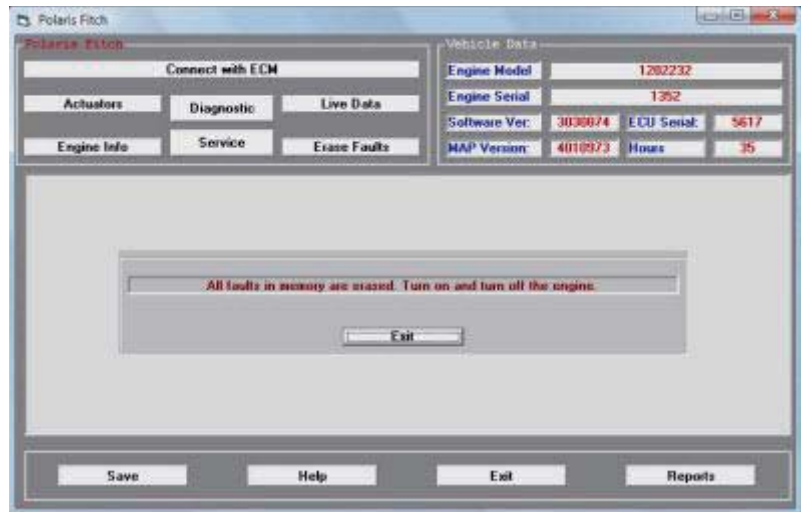
Software reads faults and fault codes, possible causes and service action.

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Software manual

Erase fault codes



Erase fault codes

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Polaris 4-stroke

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• <i>Erase faults</i>	Page 79

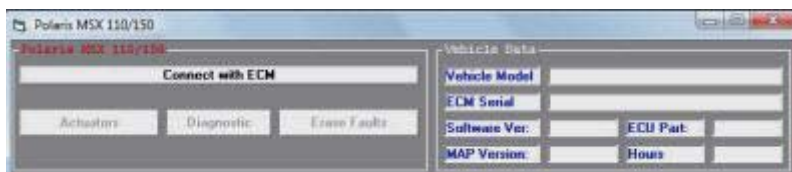
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Software manual

Select Protocol



Connect with ECM



After reading the data, all HIGHLIGHTED functions are available

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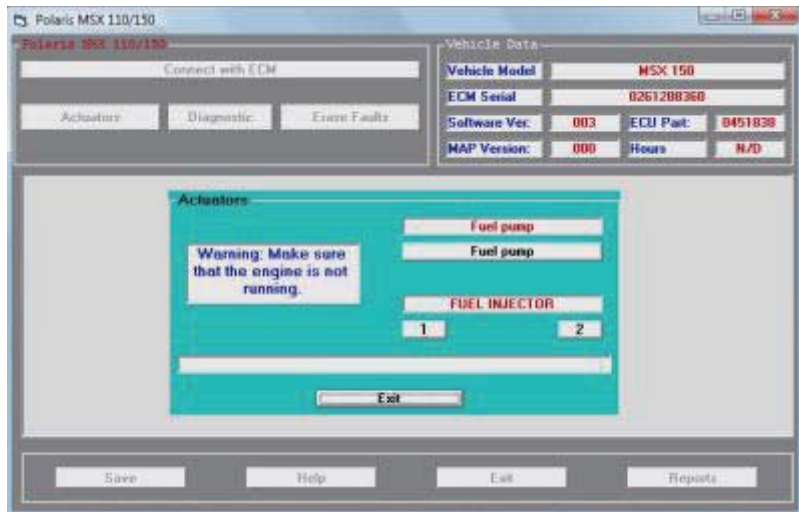
Software manual

Actuators

Scan-Sea sends a signal to the Ski ECM to activate the selected element (fuel pump, buzzer, etc.). The part either responds to the signal "Activated" or not "Not activated".

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The actuator function is not to detect if a part is defect or not. It is just a quick possibility to see if the part is electronically able to communicate with the ecu, but only at this time. The only way to check these parts is to test them mechanically.



Choose a highlighted button and see the action

Diagnostic



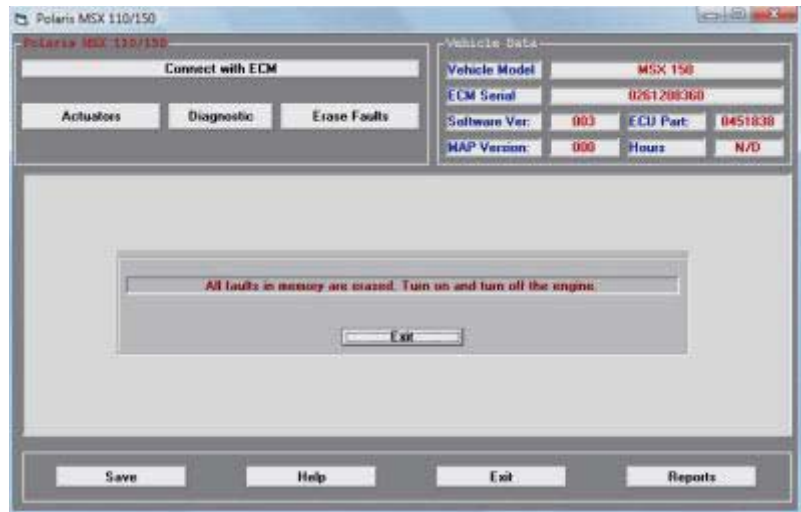
Software reads faults and fault codes, possible causes and service action.

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Software manual

Erase fault codes



Erase fault codes

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Honda

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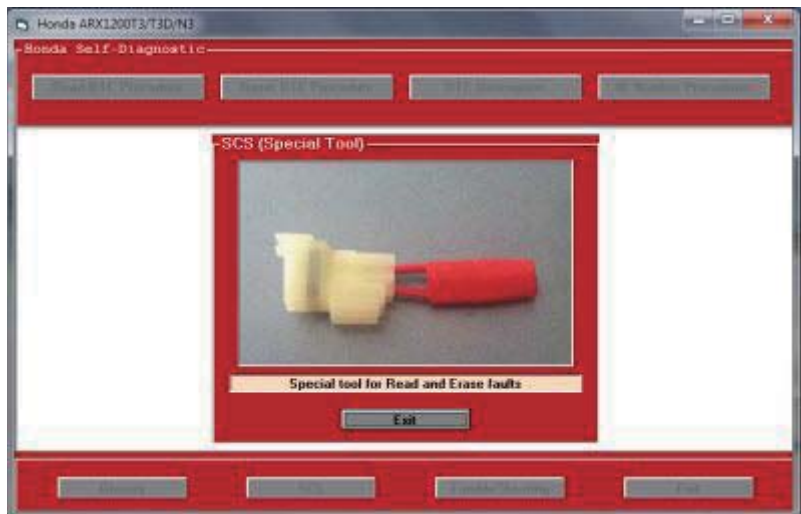
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Select Protocol



Connector



Self Diagnostic, software translates codes.

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Software manual



HSR Benelli

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Software manual

Select Protocol



Select model



Select Standup or sit down model

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Software manual

Connect with ECM



After reading the data, all **HIGHLIGHTED** functions are available

Live data



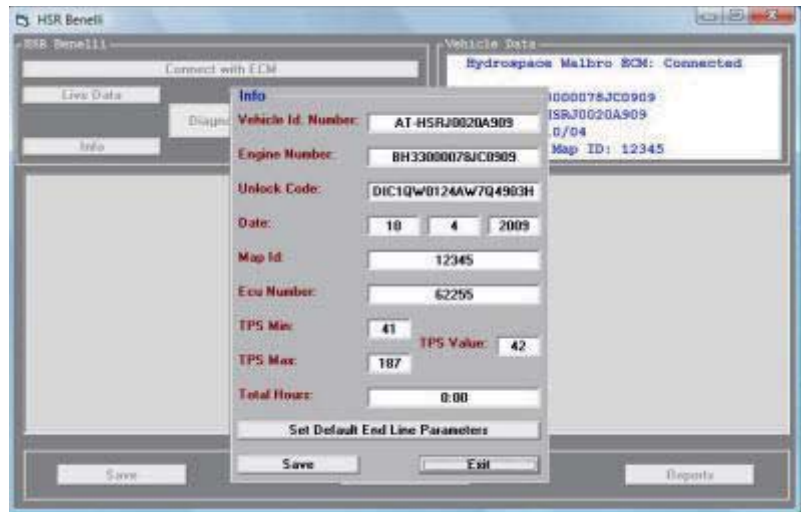
Live data, under running conditions

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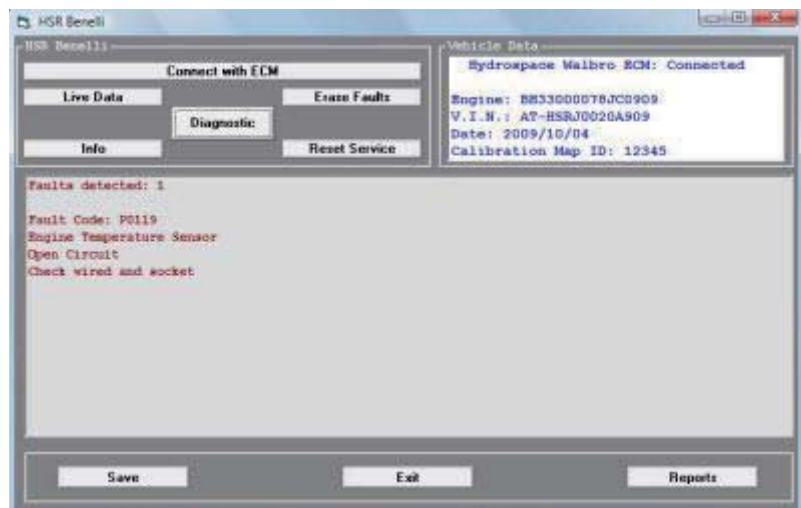
Software manual

Info



General Ski information

Diagnostic



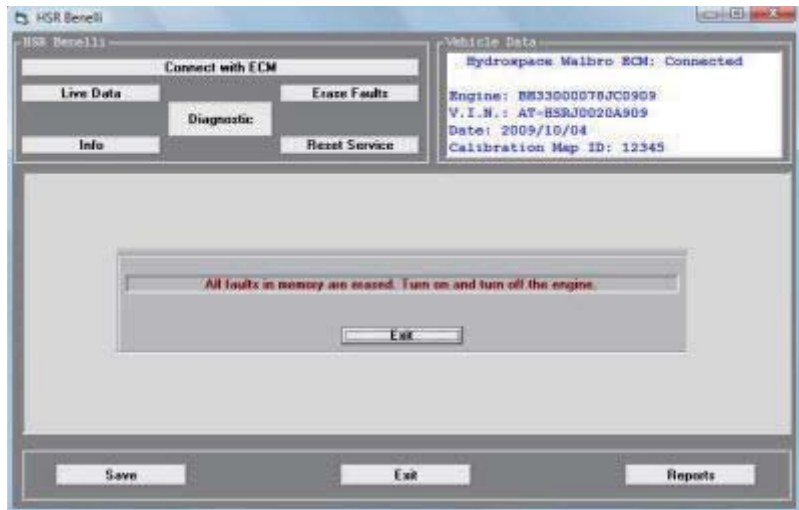
Software reads faults and fault codes, possible causes and service action.

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Software manual

Erase fault codes



Erase fault codes

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Support

Scan World System US, Inc. is providing support about product handling to registered customers. Detailed technical support, especially in case of software updates or hardware check outs, will be provided directly from the manufacturer. Scan World System requires support requests by e-mail in order to receive the most detailed information possible ([please see support information](#))

Vessel/vehicle to diagnose

Before requesting support please make sure you're aware of the **following:**

Scan World System software contains applications for several different brands and manufacturers. Each manufacturer has its own way to communicate with the internal ecm/ecu. The communication may also be interrupted due to difficulties caused by the vessel/vehicle. Tests have revealed communication problems between the vessel/vehicle and the manufacturer's own OEM diagnostic software

Computer

Each computer is different. In general, Scan World System does not require a special computer system. The only requirement is that the operation system has to be Microsoft Windows. However, the connection to the vessel/vehicle can be very time sensitive. A computer with too many open applications, processes running in the background (not even known by the computer owner), or viruses can cause trouble leading to no connection at all, or interruption in showing live data.

Changes made by the vessel/vehicle manufacturer

In some cases the manufacturers have made internal changes since Scan World System developed the software or Scan World System was not aware of certain specs. In a situation like this, the Scan World System engineers will make the adjustments as quickly as possible. For these occurrences, our customers get the unlimited FREE [software updates](#).

Tool handling

It is very important for the engineers to know how the customer is using the diagnostic tool. To avoid wasting valuable time on both sides by not communicating all the important details and correct information, please use our support [request forms](#).

Scan World System appreciates your cooperation!

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Software manual

• Updates

Software updates are available at no charge (*except Mariner5 and Scan-Smart, see * below*) to the registered purchaser. Customer understands that Scan World System US Inc. is not the manufacturer of the products purchased by Customer hereunder and the only updates offered are those of the manufacturer, not Scan World System US Inc.

The purchaser receives his personal username and password after [registration](#).

The software update can be downloaded from our web-server [here](#).

Notifications will be sent via email to registered buyers if an update requires additional hardware to make the new application function, this hardware may be sold separately. Updates not only include new applications, but also general changes in software handling and software improvements, which means all software updates must be installed to maintain system integrity and functionality. Wherever applicable, customers will receive and must install the free software update no matter if additional hardware is, or is not, purchased. Late or overdue payments will exclude those from any software updates and/or support service until the account is settled.

**Scan-Smart updates are subject to a yearly update fee (see Scan-Smart pricing)! Mariner5 products have 2 years free software updates and support, beginning at purchase date. After the 2 years a yearly update fee applies.*

• Warranty

Customer understands that Scan World System US Inc. is not the manufacturer of the products purchased by Customer hereunder and the only warranties offered are those of the manufacturer, not Scan World System US Inc. All warranty claims are processed through the product manufacturers and subject to their policies and discretion. If Scan World System US Inc. accepts the warranty shipment, Scan World System US Inc. will submit your product to the manufacturer for an evaluation. The product manufacturer will determine whether the product qualifies for warranty. The customer is responsible for complete shipping charges.

All products are sold AS IS. In purchasing the products, Customer is relying on the manufacturer's specifications only and is not relying on any statements, specifications in brochures or other illustrations representing the product that may be provided by Scan World System US Inc. Scan World System US Inc. hereby expressly disclaim all warranties either expressed or implied, related to products sold by third parties or affiliates of Scan World System US Inc., including without limitation, any warranty of merchantability, fitness for a particular purpose or no infringement. This disclaimer does not affect the terms of the manufacturer's warranty, if any.

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