Please read the following information before using the system for the first time. If you have any questions about the use of the system, please contact us at tech@SBT.com.

What's in the kit:

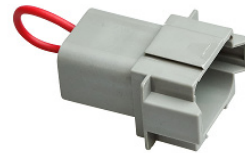DI Watercraft Main Cable (DI Watercraft)

4 Pin Main Dignostic Cable (MSX)

Late STyle DI Watercraft Adaptor

MSX110, MSX 150 Watercraft Diagnostic Adaptor

Early DI Watercraft Power Adaptor

Getting Started- Loading Software and Starting up the Program:
First Time: (Internet Connection is REQUIRED)
• Install USB Drivers, by entering the following into your web browser:
     http://shopsbt.com/SBTTool/Install/Driver/USBDriver.exe
• Connect SBT Scanner Tool 102 to the PC with the provided USB Cable
• Install SBTG Scanner Tool 102 Software, by entering the following into your web browser:
     http://www.ShopSBT.com/Install/SBTSetup.msi
• Start SBT Scanner Tool 102 by going to start menu and launching SBT Scanner Tool 102
• When prompted to download the new update, please select "YES"

Each Use: (Internet Connection is Optional)
• Connect SBT Scanner Tool 102 System to the PC with the provided USB Cable
• Start SBT Scanner Tool 102 by going to start menu and launching SBT Scanner Tool 102
• Bottom left of the SBT Scanner Tool 102 software shows the current status

After vehicle is connected, select Vehicle menu option and click read.

Vehicle Connection:
Typical Connections: (refer to Service Manual for the model you are working on for exact details)
MSX 110 or MSX 150 (Four Stroke) IMPORTANT NOTE!!!
MSX Watercraft are equipped with a Battery Protection System Interface Box (IFB) which prevents the battery from being drained if the lanyard is left in.

The system will shut off power to the Engine Controller after approximately 2 minutes if the engine is not running. When the IFB Timeout occurs communications with the ECU will stop and the Diagnostic Software will no longer function. To disable the IFB Timeout perform the following steps:

1) Start the engine, or press the Start Button long enough for the engine to turn over twice.
2) Remove the Lanyard and Wait for 15 Seconds.
3) Re-insert the Lanyard and press the Vehicle Stop Button 3 times within 3 Seconds.
(The System IFB is now in "Diagnostic Mode" and the timeout is disabled)
4) Press the Vehicle Start Button or start the engine to "wake-up" the ECU and enable communications to the Diagnostic Interface Cable.
If the Vehicle Stop button is pressed, communications will stop until the Start Button is pressed again, but the IFB will remain in Diagnostic Mode.

To re-enable the IFB Timeout remove the lanyard and wait 15 seconds
- Connect the USB cable to the PC and the SBT Scanner Tool 102 box, and startup the SBT application.
- Connect the 4 Pin Main Diagnostic Cable to the SBT Scanner Tool 102 box.
- Connect the MSX 150 and MSX 110 Watercraft Diagnostic adapter to the above cable and plug into the ski

MSX 140
- Connect the USB cable to the PC and the SBT Scanner Tool 102 box, and startup the SBT application.
- Connect the MSX 150 and MSX 110 Watercraft Diagnostic adapter to the above cable and plug into the ski.
- Unplug the 8 pin connector on the ECU and plug the Early DI Watercraft Power Adapter to the harness to power up the ski

Early Watercraft (Fitch DI two Stroke)
- Connect the USB cable to the PC and the SBT Scanner Tool 102 Box, and launch the SBT application.
- Connect the DI Watercraft Main Cable to the SBT Scanner Tool 102 Box and both plugs into the diagnostic plug on the ski.
- Unplug the 8 pin connector on the ECU and plug the Early DI Watercraft Power Adapter to the harness to power up the ski

Late Watercraft (Fitch DI two Stroke)
- Connect the USB cable to the PC and the SBT Scanner Tool 102 box and launch the SBT application. (Pig tail not used).
- Connect the Late Style DI Watercraft Adapter to the above cable and then to the vehicle

Faq's:
• SBT Scanner Tool 102 checks for updates on startup, if there is an active internet connection.
• If you are using wireless and get out of range, the SBT Scanner Tool can freeze up while trying to connect to the website on startup. We suggest disabling the wireless on your laptop if you are moving out of wireless range.
• Make sure you have a fully charged battery, failure to do so can cause data corruption!