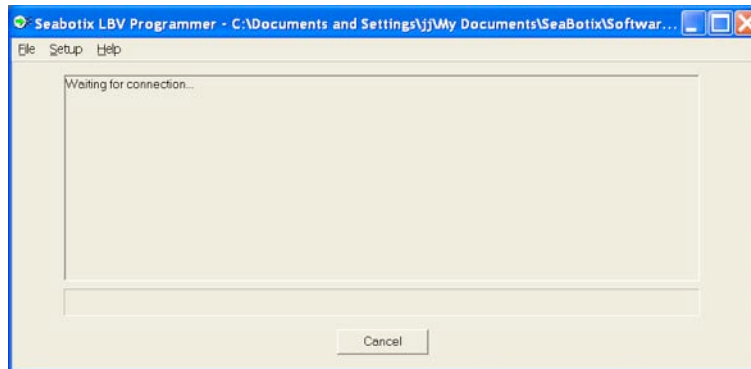


Programming LBV

Introduction

The LBV² operates on complex internal software. This software undergoes updates periodically to enhance the LBV². It is easily updated within the LBV by the user.



LBV Programmer Window

Work Environment

Prior to beginning ensure you have a clean and dry workspace. Locate the required tools and parts and have paper towels available. It is a good idea to have a container to keep fasteners in as they are removed. Read through the instructions fully prior to beginning and make sure you understand what they are asking you to do.

Reading Manual






Below is a list of the required tools, estimated time to complete and level of difficulty. Next to each step where a tool is required the tool is listed. Some of the steps have special notes that must be observed.






Computer Requirements

The LBV programmer requires a PC compatible computer with either Windows 2000, XP or NT operating system. Performance specifications are only basic.

Software for the update and the LBV programmer can be located on the SeaBotix website under Support and Software Downloads.

Tools Required	Time to complete	Level of Difficulty
<ul style="list-style-type: none"> • RS232 Cable 	<ul style="list-style-type: none"> • 10 minutes 	<ul style="list-style-type: none"> • Easy

	<p><u>Step 1</u></p> <p>Setup entire LBV system with monitor.</p>
	<p><u>Step 2</u></p> <p>Copy down current software prior to loading new software. Refer to users manual.</p>
	<p><u>Step 3</u></p> <p>Connect RS232 cable to surface power supply.</p>
	<p><u>Step 4</u></p> <p>Open LBV Programmer on PC. Do NOT use Windows 3.x, 95 or 98 as they will erase on not program your LBV.</p>
	<p><u>Step 5</u></p> <p>Select Open from File menu.</p>

	<p><u>Step 6</u></p> <p>Select desired version of software. Make sure you are selecting the right software for the right motherboard.</p>
	<p><u>Step 7</u></p> <p>Click Program.</p>
	<p><u>Step 8</u></p> <p>Power On LBV.</p>
	<p><u>Step 9</u></p> <p>Auto heading and depth LEDs will flash rapidly and there will be no picture on the monitor.</p>
	<p><u>Step 10</u></p> <p>As LBV is programmed a status bar will move across the bottom of the Programmer window.</p>



Step 11

Once programming is complete picture will come up and status will be finished on the computer.