

Control Console Processor

Introduction

In addition to the LBV software is the control console software. This software is programmed into the microchip located on the control console electronics board. It requires replacement when new software for the controller is developed.



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.

Be very careful when handling electronics. Use a grounding strap and avoid any static that may damage the boards.




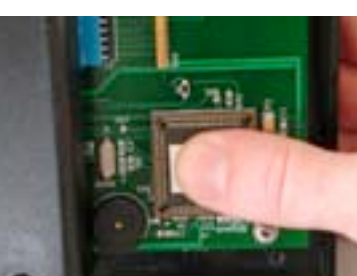

Reading Manual

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.

Tools Required	Time to complete	Level of Difficulty
<ul style="list-style-type: none"> #1 Phillips Screwdriver Processor Removal Tool 	<ul style="list-style-type: none"> 5 minutes 	<ul style="list-style-type: none"> Easy Electronics Care Required



Prior to working on the LBV make sure the power is off and the umbilical is DISCONNECTED.

	<p><u>Step 1 - #1 Phillips Screwdriver</u></p> <p>Place control console upside down and remove 4 x Phillips pan counter sunk screws securing bottom of control console to top.</p>
	<p><u>Step 2</u></p> <p>Slide rear cover off and to side.</p>
	<p><u>Step 3 – Processor Removal Tool</u></p> <p>Insert 2 prongs into either side of microprocessor and gently squeeze and pull to remove micro processor.</p>
	<p><u>Step 4</u></p> <p>Press in new microprocessor being careful to align flat corner on chip to socket. Failure to do so will destroy chip.</p>
	<p><u>Step 5</u></p> <p>Refit back cover.</p>



Step 6 - #1 Phillips Screwdriver

Insert and tighten 4 x Phillips counter sunk screws securing back cover to top.