

21. Vacuum Check

Introduction

The LBV² is fitted with a vacuum check valve. This valve is used to check the integrity of the seals on the main housing and power can when opened or transported commercially. The quick process provides peace of mind against potential leaking.



Vacuum Check Valve


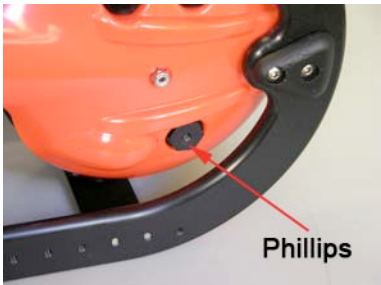



Work Environment


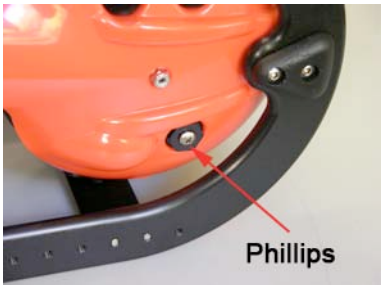
Prior to beginning ensure you have a clean and dry workspace. Locate the required tools and parts and have paper towels available. It is a good idea to have a container to keep fasteners in as they are removed. Read through the instructions fully prior to beginning and make sure you understand what they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

Tools Required	Time to complete	Level of Difficulty
<ul style="list-style-type: none"> • #2 Phillips Screwdriver • Vacuum Pump 	<ul style="list-style-type: none"> • 11 minutes 	<ul style="list-style-type: none"> • Easy • Perform anytime the camera housing or power can are opened.

	<p><u>Step 1</u></p> <p>Place LBV on table with vacuum port facing you.</p>
	<p><u>Step 2</u> - #2 Phillips Screwdriver</p> <p>Remove Phillips pan head seal screw from vacuum valve.</p>
	<p><u>Step 3</u></p> <p>Connect vacuum hose and ensure fitting is tight.</p>
	<p><u>Step 4 – Vacuum Pump</u></p> <p>Connect vacuum pump to hose.</p>
	<p><u>Step 5 – Vacuum Pump</u></p> <p>Pull vacuum to 10 inches of mercury and hold for 10 minutes.</p>

	<p><u>Step 6</u></p> <p>Remove vacuum tube.</p>
	<p><u>Step 7</u> - #2 Phillips Screwdriver</p> <p>Insert and tighten Phillips pan head screw into check valve.</p>