


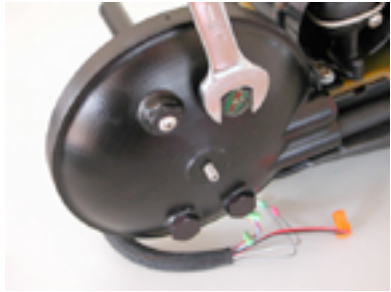
## 18. Depth Sensor Replacement

Prior to beginning ensure you have a clean and dry workspace. Lay out required tools from spares kit 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.

Tools Required	Time to complete	Level of Difficulty
<ul style="list-style-type: none"> <li>• 19mm Open End Wrench</li> <li>• Gel lube</li> </ul>	<ul style="list-style-type: none"> <li>• 3 minutes</li> </ul>	<ul style="list-style-type: none"> <li>• Easy</li> <li>• Electronics Care Required</li> </ul>



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

<p><b>NOTE</b></p>	<p>Follow instructions to remove sensor board, view port, shell, ballast tray and protective bumper frame prior to continuing.</p> <ol style="list-style-type: none"> <li>1. Bumper Frame Replacement</li> <li>2. Ballast Tray Replacement</li> <li>3. Shell Replacement</li> <li>9. View Port Replacement</li> <li>16. Sensor Board Replacement</li> </ol>
	<p><b><u>Step 1</u></b></p> <p>Place vehicle upside down.</p>
	<p><b><u>Step 2</u></b></p> <p>Loosen depth sensor from camera housing end cap.</p>

	<p><b><u>Step 3</u></b></p> <p>Remove depth sensor from camera housing end cap.</p>
	<p><b><u>Step 4</u></b></p> <p>Apply gel lube to o-ring on depth sensor.</p>
	<p><b><u>Step 5</u></b></p> <p>Carefully push connector through camera housing end cap.</p>
	<p><b><u>Step 6</u></b></p> <p>Tighten depth sensor into camera housing end cap.</p>
<p><b>TEST</b></p>	<p>Test depth sensor works prior to installing view port.</p>

<p><b>NOTE</b></p>	<p>Follow instructions to install sensor board, view port, shell, ballast tray and protective bumper frame.</p> <ol style="list-style-type: none"><li>1. Bumper Frame Replacement</li><li>2. Ballast Tray Replacement</li><li>3. Shell Replacement</li><li>9. View Port Replacement</li><li>16. Sensor Board Replacement</li></ol>
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