

FAQ about the Aqua Lung SEA LV2 for the U.S. Market

Q: What is the procedure in unpacking the shipment of SEA LV2's?

A: You will receive the SEA LV2 in a brown shipping box as pictured below. Inside that box you will find the fully assembled SEA LV2, the Owner's Manual, mouthpiece cover (#108453), and mouthpiece clamp (#104913).



Q: What do I do with the User's Manual of the SEA LV2?

A: You will receive a User's Manual in each box. At minimum, you should keep one in the equipment room and one in the support documentation in each classroom. We also suggest that each of your staff has an opportunity to read through the manual as it contains very important information. An electronic version of the manual can be downloaded at:

http://capewellaerialsystems.com/wp-content/uploads/2019/01/108349_SEA_LV_MK2_User_Manual-1.pdf

Q: Where do I find the complete Technical Manual for the SEA LV2?

A: The Technical Manual is an important reference manual, especially for the Training providers that have completed a Certified Technician Class conducted by Capewell. In most cases, the SEA LV2 will be returned to Capewell for its required service every 2 years. However, the Technical Manual is a good reference document and we suggest that one is kept in the equipment room for support documentation. The Technical Manual can be downloaded at:

http://capewellaerialsystems.com/wp-content/uploads/2017/12/SEA_MK-LV2_Tech_Man.pdf

Q: How do I find and record the SEA LV2 serial number in the maintenance log?

A: We suggest that you utilize the 1st stage serial number as the identifying number for each SEA LV2. There is a number on the mouthpiece (2nd stage), but we suggest using only the 1st stage number. You are free to add any other identifying numbers by the use of waterproof markings, generally on the cylinder. The 1st stage serial number is stamped and can be located as seen below:



Serial Number for Log

Q: How do I find the last inspection date and the next required factory inspection due date?

A: Both dates are very important and should be recorded on your maintenance log or history card system. You can find these dates located on the round sticker on the bottom of the cylinder, as seen below:



When you receive the SEA LV2, the laser etched “INSPECTED” date is the date that Capewell completed a factory inspection prior to shipping the product.

The “NEXT INSPECTION DUE” is advanced 24 months and alerts you when the SEA LV2 should be returned for factory service. Once this service is completed, a new sticker with new dates will be on the returned cylinder.

Q: Does Capewell have a standard maintenance log that can be used?

A: Yes, Capewell does offer such a log, but the Training Provider may elect to utilize an existing document or history card system unique to that facility. The log suggested by Capewell can be downloaded at:

<http://capewellaerialsystems.com/wp-content/uploads/2019/01/CA-EBS-Maintenance-LOG.pdf>

Q: How to I conduct pre-use(flight) inspection of the SEA LV2 prior to placing in service?

A: A detailed outline of Precautions/Warnings and this procedure can be found in the User's Manual pages 5-8. Additional important steps can be found on pages 19-21.

Q: How do I fill the SEA LV2?

A: The most common method used is to fill the SEA LV2 from a SCUBA cylinder utilizing the SCUBA Fill Adapter, #108325. This procedure is covered in the User's Manual on pages 8-11. The SCUBA cylinders utilized by the HUET divers are ideal for this purpose.

If the Training Provider has access to a breathing air compressor that is utilized for filling SCUBA cylinders, then the Compressor Fill Adapter, #100656, can be used. This procedure is found in the User's Manual on pages 12-13.

In addition to these methods for filling the SEA LV2, Capewell offers a full line of deployable and mobile refill stations. This information can be found at:

<http://capewellaerialsystems.com/wp-content/uploads/2016/09/OG-Family-LZ-Data-Sheet.pdf>

Q: How do I conduct a post use(flight) inspection?

A: A detailed outline of this procedure can be found on page 21.

Q: How do I clean and disinfect the SEA LV2 after use?

A: The User's Manual covers detailed information about Care and Maintenance found on page 22. However, Aqua Lung has recently issued new global guidelines (12/2018) for CLEANING, DISINFECTANTS, DRYING AND STORING FOR AQUA LUNG/APEKS CA-EBS. This detailed document should be downloaded, printed, and on file in the equipment room of the Training Provider. This document can be download as follows:

http://capewellaerialsystems.com/wp-content/uploads/2018/12/CA_EBS-disinfecting_301118.pdf

Q: How do I conduct periodic inspections?

A: We suggest that you follow the steps as outlined in both the pre-use and post-use inspections which should cover all the inspection requirements.

Q: How do I troubleshoot a problem with the SEA LV2?

A: A detailed discussion of troubleshooting can be found on pages 22-24 of the SEA LV2 Technical Manual. Although many of the corrective actions can only be taken by a certified technician or the factory, the information may be found as useful. Joshua Minton is the subject matter expert at Capewell, and he can be reached at **1.276.952.3103**.

Q: What basic spare parts do I keep in stock and how do I order?

A: If you are not conducting factory authorized 2-year maintenance, we suggest that you keep a small quantity of the following in stock:

Part #	Description	Recommended Quantity
100652	Cover, Hard Purge	2
104913	Clamp	3
108307	Cap, Fill Port	3
820319P	O-Ring-10 Pack	1
700406	Bleed Screw, SCUBA Fill Adapter	2
108373	Mouthpiece	2
108453	Mouthpiece Cover	2

Q: How do I comply with the 2-year required factory maintenance?

A: We suggest that you contact Capewell Aerial Systems at 1.276.952.2006, or sales@capewell.com, and arrange to return the SEA LV2 for factory service. As a note, the local SCUBA retailer is not authorized to conduct this service. The 2019 CY cost is \$169.00 (subject to change) and the turnaround time is 2 weeks.

Another alternative to the return of the SEA LV2 to Capewell is to participate in a factory authorized training program in which one or more of your staff will become certified to conduct this factory service. Keep in mind that there is an investment of the training cost as well as the spare parts kits and specialty tools. Most customers find that the most cost-effective method is to return the SEA LV2 to Capewell for this service.

Q: Does the SEA LV2 cylinder need to have a hydrostatic retest?

A: The aluminum cylinder used on the SEA LV2 is covered by DOT regulations and these cylinders fall under the Note 1 exemption for diameter and length. This recommendation is in accordance with the Department of Transportation (DOT) Title 49 CFR Ch-1 (10-1-01) Section 173.34, Qualification, maintenance and use of cylinders, Table “Retest and Inspection of Cylinders1”, Note 1. Any cylinder not exceeding two inches outside diameter and less than two feet in length is **exempted** from hydrostatic retest. THEREFORE, the SEA LV2 cylinder does not need to be retested, as with the SCUBA cylinder. However, during the 2-year maintenance a internal visual inspection of the cylinder is conducted. The appropriate Technical Bulletin can be downloaded as follows:

<http://capewellaerialsystems.com/wp-content/uploads/2019/01/SEA-LV2-Cylinder-Hydro-Testing.pdf>

Q: Where can I find additional resources about the SEA LV2?

A: You can view the entire Breathing Systems landing page on the Capewell web site at

<http://capewellaerialsystems.com/productoverviews/breathing-systems/>

Q: How do I install a nose occlusion device (nose clip) to the SEA LV2?

A: The SEA LV2 does not come standard with a nose clip, except in the specialized version that was submitted for the CAP1034 approval in the U.K. Most military and commercial users in the United States do not require the use of a nose clip. However, Capewell has created a retrofit kit to allow this specialized nose clip to be added to the hose of the SEA LV2. This retrofit kit, part K2066 is pictured below:



Q: How do I order incidental parts for the SEA LV2?

A: You will need to contact Capewell Aerial Systems LLC at 1.276.952.2006, or sales@capewell.com, to set up an account.

Q: How do I Install the mouthpiece cover, #108453, if necessary?

A: The use of the mouthpiece cover is optional and the location of the attachment to the vest is personal preference. If the user elects to utilize this cover, it should be securely attached to the vest in such a manner for ease of removal from the holder prior to use. Each SEA LV2 is supplied with this optional cover and a clamp for attachment. The following is an example of the mouthpiece holder attached to a MOLLE strap of a survival vest.

SEA LV2 Mouthpiece

Clamp attached to MOLLE Strap

Mouthpiece Holder

