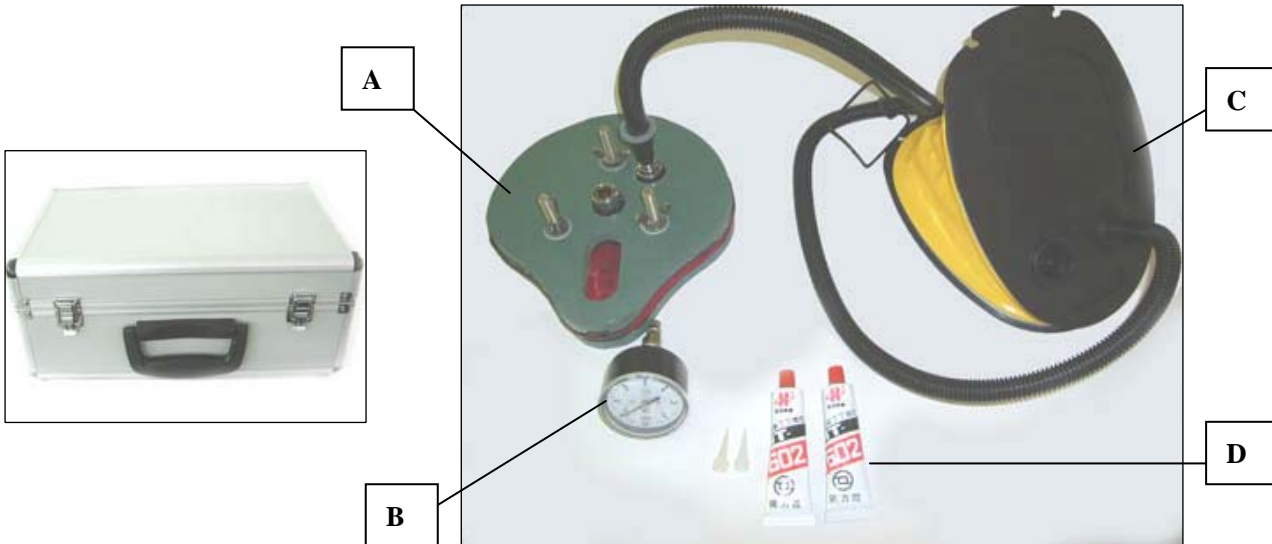


I. Immersion Suit Repair Kit (Set of Servicing Equipment)

The aluminum kit contains a set of Servicing Equipment.

- A. A face fixture (two parts),
- B. A pressure gauge (0-6kPa).
- C. A foot pump (with multi-valve adaptor).
- D. Glue and applicator (two pieces).



II. Adjust the Air-Pressure Test Device on the Immersion

Suit



Part 1 Face fixture

1. Lay the immersion suit on a work table and check for damages.



2. Place part 1 face fixture inside the immersion suit hood area and zip up.
Attention: Stretch the hood fabric by pulling it to the direction of arrows. The hood should not have any folds.



Part 2 Face fixture

3. Place part 2 face fixture on part 1, by adjusting its holes carefully through the bolts and joints.



4. Image of assembled face fixtures with hood. **Attention: The zipper head should pass through the hole.**



5. Install the o-ring gasket and tighten up the butterfly nut so as to eliminate leakage around the face seal.





6. Check the pressure gauge for any breaks on the dial surface or to the pointer.



7. Insert the Pressure Gauge at the face fixture, by pressing down -at the same time- the joint at face fixture.



9. Install the Connector for the foot pump, by pressing down the proper joint, so as to insert it properly.



10. Adjust the multi-valve adaptor on the connector of face fixture.

III. Air- Test Procedure



1. Provide air into the suit, through the foot pump, to a pressure of 0,7 to 1,4Kpa (0.1 to 0,2psi) [acc. MSC/Circ.1114.] Maintain the pressure to those limits for the air-test. *(It is normal that some bubbles appear at the zipper slides and at the zipper toothed part in the face fixture).*



2. Sprinkle along seams and closures of the immersion suit with a soapy water solution.



3. Check carefully if any bubbles appear from the Immersion Suit and mark properly the leaking areas of the suit.

IV. Procedures of Repair

Remove the air-test device and clean the suit thoroughly with fresh water and dry it, trying to leave the marks visual.

A. Repair of steams and closures (as described in the air- test procedure instructions)



1. Adapt the applicator on the glue tube for use.



2. Apply a gentle amount of glue on the marked leaking areas. Let it dry for 8-10 minutes. Then apply once again, a glue layer on the immersion suit damaged area. Let it dry for 8 hours.

B. Repair of Rips, Tears and Punctures



1. With use of glue tube and applicator, apply a glue layer on both sides of immersion suit damaged area.

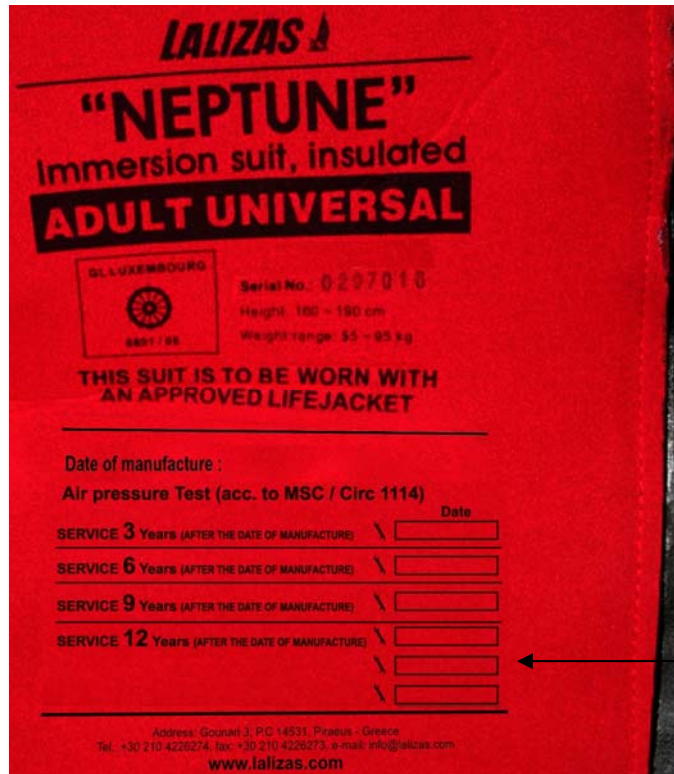


2. Let it dry for 8-10 minutes. Then apply, once again, a glue layer on both sides of Immersion suit's damaged area.



3. Then press the 2 sides together for 2 minutes. Let the immersion suit dry for 8 hours.

C. Marking of the Service on the Immersion Suit.



In case that the version of the Immersion Suit bears a Service Table, mark in the proper box, the Date of Service (Air Pressure Test). In case that the Immersion Suit does not bear a Service Table, just mark on the indicated area of the suit, the Date of the Air-Test and the Type of Service (e.g. Service after X years).