

**KIRBY MORGAN SUPERLITE DEEP SEA DIVING HELMET MODELS  
17A/B, 17C, 17K, 27, KM-37, 47, 57, 77  
POST DIVE CLEANING, MAINTENANCE, AND INSPECTION CHECKLIST  
APPENDIX A2.6  
4-14-09**

Post dive cleaning and inspection should be performed at the end of daily diving operations or at least every 24 hours during continuous diving operation.

**NOTE:** Helmet(s) being used in polluted waters, or extreme environments, will require more frequent cleaning, inspection and maintenance.

**NOTE:** During removal of components for inspection, O-rings and other consumable items may be reused, providing they are clean and a visual inspection does not reveal any damage or deterioration.

**NOTE:** This cleaning and maintenance schedule is recommended for all SuperLite Helmets and KM-37 and should be performed at least on a **DAILY** basis.

**NOTE:** Detailed instructions are located in the applicable O & M Manual.

Date:
Helmet Serial #:
Associated Equipment Serial #(s):
Technician (print name):

<b>PROCEDURES</b>	<b>INITIALS</b>
1. Secure and bleed down gas supplies.	
2. Disconnect and cap (or bag and tape) the Helmet Gas Connections and disconnect the communication wires. Cap (or bag and tape) the Umbilical End.	
3. Wash the exterior surface of the Helmet with a solution of mild detergent and fresh water, then rinse. Inspect for signs of damage.	

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4. Remove the Head Cushion Assembly. Inspect for damage. If the Head Cushion has gotten wet with perspiration or water, clean and hang-up for drying or airing.	
5. Remove the Demand Regulator Clamp, Cover, and Diaphragm Assembly. Wash the interior of the Demand Regulator with mild detergent and fresh water, then rinse thoroughly.	
6. Dislodge the earphones. If the interior of the Helmet and Liner has gotten wet, remove the earphone protective covers, wash with mild detergent solution, rinse with fresh water and allow to dry.	
7. Remove the microphone from the Oral Nasal Mask. Wash with a mild detergent solution and rinse with fresh water.	
8. Wipe interior of the Helmet, including the Oral Nasal Mask. Wash with a mild detergent solution and rinse with fresh water. For sanitizing procedures, refer to “Appendix 5: Quick Sanitizing Procedure.”	
9. Rotate the Regulator Adjustment Knob fully out (counter clockwise). Close the Emergency Supply and Steady Flow Valves.	
10. Clean the Neck Dam and Neck Clamp and Latch Catch (SL-17A/B Assembly with a mild detergent solution. Operate the Neck Clamp and Latch Catch (SL-17A/B), rinse with fresh water. Clean the Neck Ring, and Pull Pin Assemblies (SL17K, 17C, 27, KM-37, 47, 57, 77) with mild detergent solution, thoroughly rinse with fresh water.	
11. Wipe all surfaces with a clean, dry towel to remove water droplets. Allow to air dry.	
12. Cap (or bag and tape) the Emergency Gas Whip on the First Stage Regulator. Wash the exterior of all EGS components, the First Stage Regulator, the Gas Cylinder, the Submersible Pressure Gauge, and the Harness Assembly with a mild detergent solution and rinse with fresh water.	
13. Note any damage or discrepancies found during cleaning.	

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Technician Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

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\_\_\_\_\_

KMDSI **highly** recommends that a certified KMDSI Repair Technician make all repairs and that only genuine KMDSI repair and replacement parts be used. Owners of KMDSI products that elect to do their own repairs and inspections should only do so if they possess the knowledge and experience. All inspections, maintenance, and repairs should be completed using the appropriate KMDSI Operations and Maintenance Manual(s). Persons performing repairs should retain all replacement component receipts for additional proof of maintenance history. Should any questions on procedures, components, or repairs arise, please contact Kirby Morgan Dive Systems, Inc., by telephone at (805) 928-7772 or via e-mail at [info@kirbymorgan.com](mailto:info@kirbymorgan.com), or contact Dive Lab, Inc., by telephone at (850) 235-2715 or via e-mail at [divelab@aol.com](mailto:divelab@aol.com).

**NOTE:** The Maintenance Log, Appendix 3, may be used as a template to create blank pages to record all the maintenance performed.

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