

Kirby Morgan® KMB 18/28 BandMask®

A2.6

Post Dive Cleaning, Maintenance, and Inspection Checklist

POST DIVING CLEANING AND INSPECTION SHOULD BE PERFORMED AT END OF DAILY DIVING OPERATIONS OR AT LEAST EVERY 24 HOURS IF IN CONTINUOUS USE.



NOTE

Mask(s) being used in extreme environments, will require more frequent inspection.



NOTE

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



NOTE

This cleaning and maintenance schedule is recommended to be performed on a **DAILY** basis.



NOTE

Detailed instructions for removing and installing the Hood can be found in HBNK (BandMask Hood, Face Seal, Band Keepers and Head Harness) module.

Date: _____

Mask Model/Serial Number _____

Regulator Serial Number/Model _____ ☐ No Serial Number

Associated Equipment Serial #(s): _____

Technician (*print name*): _____

DIVER/TENDER - CHECK THE FOLLOWING:

Procedures	Initials
1) Secure and bleed down gas supplies.	
2) Disconnect the mask gas inlets and communication wires. Cap the mask gas inlets and umbilical end.	
3) Wash the exterior surface of the mask with a solution of mild detergent and fresh water, then rinse. Inspect for signs of damage.	
4) Remove the earphones from their pockets in the hood. Remove the earphone protective covers, clean and rinse to allow to dry.	
5) Clean the hood assembly, rinse with fresh water, and inspect for damage; replace if necessary. * The removal of the hood from the mask frame is recommended if inspection dictates. The hood should be removed at least once a month. Hang to dry or air-dry.	
6) Remove the demand regulator cover, and diaphragm assembly. Inspect the diaphragm for signs of degradation, mineral deposits (if present, clean), tears, holes OR separation and replace, if necessary. Wash the interior of the demand regulator with mild detergent and fresh water, then rinse thoroughly.  NOTE While rinsing the interior of the demand regulator DO NOT depress the purge button lever. This action will introduce foreign matter into the inlet valve and seat.	
7) Remove the microphone from the oral nasal mask.	
8) Remove the nose clearing device and the oral nasal mask. Remove the oral nasal valve body as an assembly. Clean the oral nasal valve and valve body as an assembly. Clean the oral nasal mask. Inspect the mask and valve assembly for damage and/or deterioration. Replace the oral nasal mask if any damage is found. Replace the oral nasal valve if it appears dried, stiff, or does not lay flat. Reinstall the oral nasal mask with the valve assembly. Clean and inspect the nose clearing pad, shaft, and O-rings for wear. Replace the pad if it is deteriorated and/or damaged. Replace the O-rings if any signs of wear or damage are present. Lightly lubricate the shaft O-rings and the shaft, then reinstall.	

Procedures	Initials
9) Wipe interior of the mask, 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."	
10) Wipe all surfaces with a clean, dry towel to remove water droplets.	
11) Pressurize the mask with a regulated air source via either the EGS or the main air supply inlet, and flush the demand regulator and steady flow to blow out any remaining water.	
12) Rotate the regulator adjustment knob fully out (counter clockwise). Close the emergency supply and steady flow valves.	
13) Close the emergency supply and steady flow valves. Cap the one way valve and the EGS hose connection if the EGS hose is not installed. Allow to air dry.	
14) Cap 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. Hang-up harness assembly for drying.	
15) Note any damage or discrepancies found during cleaning.	

Technician Signature: _____ Date: _____

Comments: _____

KMDSI strongly 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 user guide and 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 kmdsi@kirbymorgan.com, or contact Dive Lab, Inc., by telephone at (850) 235-2715 or via e-mail at divelab@divelab.com.



The Maintenance Log, Appendix 3, found in the Misc. Appendices checklists on the Kirby Morgan website, may be used as a template to create blank pages to record all the maintenance performed.