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SCUBAPRO MK2 EVO

SCUBAPRO MK2 EVO First Stage Regulator User Manual

Model: 10.063.000

INTRODUCTION

This manual provides essential information for the safe and effective use, maintenance, and care of your SCUBAPRO MK2 EVO First Stage Regulator. Please read this manual thoroughly before using the equipment. Proper understanding and adherence to these instructions are crucial for your safety and the longevity of your regulator.

SAFETY INFORMATION

Diving with compressed gas equipment carries inherent risks. It is imperative that only certified divers use this equipment. Always perform pre-dive safety checks and ensure all components are correctly assembled and functioning. Regular professional servicing is mandatory to maintain the regulator's performance and safety.

- **Never attempt repairs or modifications** beyond the scope of this manual. Refer all servicing to an authorized SCUBAPRO technician.
- **Always ensure the regulator is free of water** before connecting it to a cylinder valve.
- **Avoid exposing the regulator to extreme temperatures** or direct sunlight for prolonged periods.
- **Rinse the regulator thoroughly with fresh water** after each dive, ensuring the dust cap is securely in place.

PRODUCT OVERVIEW

The SCUBAPRO MK2 EVO is a classic downstream piston first stage regulator known for its robust design and reliable performance. It features a marine-grade chromed brass body and components, designed for durability in various water temperatures.



Image: The ScubaPro MK2 EVO First Stage Regulator, a chrome-plated device with multiple ports and a black protective cap, designed for connecting to a scuba cylinder and distributing air to secondary regulators and gauges.

Key Features:

- **Flow-By Piston Design:** Provides consistent air delivery.
- **Marine Grade Chromed Brass Body:** Ensures durability and corrosion resistance.
- **Compact and Lightweight:** Designed for ease of use and transport.
- **Weight:** Approximately 1.3 Pounds (706g).

SETUP

Follow these steps to correctly set up your MK2 EVO First Stage Regulator:

- 1. Inspect the Regulator:** Before each use, visually inspect the first stage for any signs of damage, corrosion, or wear. Ensure the dust cap is clean and the O-ring on the cylinder connection is intact.
- 2. Connect to Cylinder Valve:** Remove the dust cap from the first stage. Ensure the cylinder valve is clean and free of debris. Align the first stage with the cylinder valve and screw it on hand-tight. Do not overtighten.
- 3. Attach Hoses:** Connect your low-pressure (LP) hoses (e.g., to second stage, BCD inflator) and high-pressure (HP) hose (to pressure gauge/console) to the appropriate ports. Ensure all connections are secure. The MK2 EVO typically features one HP port and multiple LP ports.
- 4. Open Cylinder Valve:** Slowly open the cylinder valve. Listen for any leaks. The pressure gauge should indicate the cylinder pressure.
- 5. Check for Leaks:** Submerge the assembled regulator in a rinse tank or listen carefully for any hissing sounds indicating air leaks from connections.

OPERATING

Proper operation of your regulator ensures a safe and enjoyable dive.

Pre-Dive Checks:

- Confirm cylinder pressure is adequate for the planned dive.
- Breathe from the second stage to ensure smooth air delivery.
- Check the BCD inflator for proper function.

During the Dive:

- Monitor your air supply regularly using your pressure gauge.
- Avoid rapid changes in depth that could stress the regulator.

Post-Dive Procedures:

- Close the cylinder valve.
- Purge the second stage to release residual pressure from the system.
- Disconnect the first stage from the cylinder valve.
- Immediately replace the dust cap on the first stage to prevent water and contaminants from entering.

MAINTENANCE

Regular maintenance is vital for the performance and longevity of your regulator.

Rinsing:

1. After each dive, with the dust cap securely in place, rinse the entire first stage thoroughly with fresh, clean water.
2. Do not press the purge button on the second stage while rinsing the first stage unless it is pressurized, as this can allow water to enter the first stage.
3. Allow the regulator to air dry completely in a shaded, well-ventilated area before storage.

Storage:

- Store the regulator in a cool, dry place, away from direct sunlight, chemicals, and extreme temperatures.
- Avoid kinking hoses during storage.

Professional Servicing:

Your SCUBAPRO MK2 EVO First Stage Regulator requires periodic professional servicing by an authorized SCUBAPRO technician. Adhere to the manufacturer's recommended service intervals, typically annually or every 100 dives, whichever comes first. This ensures optimal performance and safety.

TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, or if solutions do not resolve the issue, contact an authorized SCUBAPRO service center.

Problem	Possible Cause	Solution
Air leak from connections	Loose connection, damaged O-ring, debris	Tighten connections, inspect and replace O-rings if damaged, clean debris.
Regulator free-flows	Contamination, internal component issue, cold water	Rinse thoroughly. If persistent, seek professional service. In cold water, avoid rapid purges.
Difficulty breathing	Low cylinder pressure, internal issue	Check cylinder pressure. If adequate, seek professional service immediately.

SPECIFICATIONS

Model: MK2 EVO

Part Number: 10.063.000

Design: Downstream Piston First Stage

Body Material: Marine Grade Chromed Brass

Weight: Approximately 1.3 Pounds (706g)

Item Dimensions (LxWxH): 1 x 1 x 1 inches (Note: This is a placeholder, actual dimensions may vary)

Package Dimensions (LxWxH): 6.1 x 5.1 x 2.9 inches

Number of Items: 1

WARRANTY INFORMATION

The SCUBAPRO MK2 EVO First Stage Regulator is covered by a manufacturer's warranty. For specific details regarding warranty terms, conditions, and duration, please refer to the documentation provided with your purchase or visit the official SCUBAPRO website. Keep your proof of purchase for warranty claims.

SUPPORT

For technical assistance, spare parts, or professional servicing, please contact an authorized SCUBAPRO dealer or service center. You can find contact information and a dealer locator on the official SCUBAPRO

website.

SCUBAPRO Official Website: www.scubapro.com