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Sevylor 2000021940

Sevylor 12V 15PSI Water Pump Instruction Manual

Model: 2000021940

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Sevylor 12V 15PSI Water Pump, Model 2000021940. This high-power electric pump is designed specifically for 12V DC power supply and is compatible with Stand-Up Paddleboards (SUPs). It is intended for inflation purposes only and features a pressure limit setting function for precise inflation.

2. SAFETY INFORMATION

- **Read all instructions:** Before operating the pump, thoroughly read and understand all instructions in this manual.
- **Power Source:** Use only with a 12V DC power source, such as a car cigarette lighter socket. Ensure the power source can provide sufficient current.
- **Overheating:** The pump and its power connector (e.g., cigarette lighter plug) may become hot during prolonged use. Allow the unit to cool down between uses, especially if inflating multiple items. Do not operate continuously for more than 10 minutes.
- **Ventilation:** Ensure adequate ventilation around the pump during operation to prevent overheating.
- **Moisture:** Do not expose the pump to water or operate it in wet conditions. This product is not waterproof.
- **Children and Pets:** Keep the pump out of reach of children and pets.
- **Intended Use:** This pump is designed for inflating inflatable items such as SUPs, air beds, and inflatable boats. Do not use it for any other purpose.
- **Pressure Limit:** Do not exceed the recommended pressure for the item being inflated. The pump has a pressure limit setting function; use it to prevent over-inflation.
- **Hose and Adapters:** Ensure the hose and adapters are securely connected before operation. Inspect them regularly for wear or damage.
- **Noise:** The pump generates significant noise during operation. This is normal.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Sevylor 12V 15PSI Water Pump Unit
- Adapter for air beds and inflatable boats
- High-pressure hose for SUP
- Normal hose



Figure 3.1: The Sevylor 12V 15PSI Water Pump, showing the main unit, attached hose, and 12V DC power cable.



Figure 3.2: Included accessories: the flexible hose and different nozzle adapters for various inflation valves.



Figure 3.3: Product packaging for the Sevytor 12V 15PSI Water Pump, showing the pump and its intended use with SUPs.

4. SETUP

1. **Connect the Hose:** Attach the appropriate inflation hose (high-pressure for SUP or normal) to the pump's inflation port. Ensure it is securely twisted or pushed into place.
2. **Select Adapter:** Choose the correct adapter nozzle for the valve of the item you wish to inflate. Attach it firmly to the end of the hose.
3. **Connect to Power:** Insert the 12V DC power plug into your vehicle's cigarette lighter socket or a compatible 12V DC power outlet. Ensure a snug fit to prevent overheating at the connection point.

5. OPERATING INSTRUCTIONS

1. **Set Desired Pressure:** If your pump model has a digital display and pressure setting function, use the controls to set the desired inflation pressure (e.g., 12 PSI for most SUPs, up to 15 PSI maximum for other inflatables).
2. **Attach to Valve:** Insert the adapter nozzle firmly into the valve of the item to be inflated.
3. **Start Inflation:** Press the power button to begin inflation. The pump will automatically stop once the preset pressure is reached.
4. **Monitor Progress:** While the pump operates, monitor the inflation process. The pump can be loud, which is normal.

5. **Disconnect:** Once inflation is complete and the pump has stopped, turn off the pump (if it hasn't automatically), then carefully remove the adapter from the valve and disconnect the power plug from the 12V DC socket.

Important Note: Avoid continuous operation for more than 10 minutes. If inflating multiple items or large items, allow the pump to cool down for at least 10-15 minutes after each 10-minute cycle to prevent damage from overheating.

6. MAINTENANCE

- **Cleaning:** Wipe the pump exterior with a dry or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no water enters the pump's internal components.
- **Storage:** Store the pump in a cool, dry place, away from direct sunlight and extreme temperatures. Keep the hose and adapters neatly coiled to prevent kinking or damage.
- **Hose Inspection:** Regularly inspect the inflation hose and adapters for any signs of wear, cracks, or damage, especially at the connection points. High pressure can cause wear over time. Replace damaged components immediately.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on.	No power from 12V DC socket; loose connection; pump overheated.	Check 12V DC socket for power (e.g., by testing with another device). Ensure the plug is fully inserted. Allow pump to cool down if it was recently used.
Pump runs but no air inflates.	Hose or adapter not securely connected; wrong adapter used; valve on inflatable is closed.	Ensure hose and adapter are firmly attached. Verify correct adapter for the valve. Open the inflatable's valve.
Cigarette lighter socket gets hot.	Loose connection; insufficient current from socket; prolonged use.	Ensure the plug is fully and securely inserted. If the issue persists, try a different 12V DC socket or consider a direct battery connection if available. Limit continuous operation time.
Air leaks from hose connection.	Hose not properly attached; damaged hose or adapter.	Re-attach the hose and adapter firmly. Inspect the hose and adapters for cracks or wear and replace if damaged.
Pump stops before reaching desired pressure.	Pressure limit set too low; pump overheated.	Adjust the pressure setting to the correct value. Allow the pump to cool down before resuming operation.

8. SPECIFICATIONS

Product Model Number	2000021940
Brand	Sevylor
Material	ABS, others
Product Weight	Approximately 1.5 kg
Dimensions (approx.)	19.5 x 17.5 x 18(h) cm
Maximum Pressure	15 PSI (SUP: 12 PSI)
Power Source	12V DC
Country of Origin	China
First Available on Amazon.co.jp	January 22, 2015

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact Sevylor customer service. Keep your proof of purchase for warranty claims.