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Abu Garcia REVO4 S-L

Abu Garcia Revo S Low Profile Baitcasting Reel Instruction Manual

Model: REVO4 S-L

1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your Abu Garcia Revo S Low Profile Baitcasting Reel. To ensure optimal performance and longevity, please read this manual thoroughly before using your reel.

The Abu Garcia Revo S is engineered for precision and durability, featuring a robust design suitable for various baitcasting applications. This model (REVO4 S-L) is designed for left-hand retrieve.



Figure 1: Abu Garcia Revo S Low Profile Baitcasting Reel (Left Hand Model)

2. IMPORTANT SAFETY GUIDELINES

Always observe the following safety precautions when handling fishing equipment:

- Exercise caution with fishing hooks, as they are sharp and can cause injury.
- Keep fishing equipment out of reach of children and pets.
- Do not attempt to disassemble the reel beyond the scope of this manual, as it may void the warranty and cause damage.
- Wear appropriate protective gear, such as eyewear, when casting or handling fishing line.

3. PACKAGE CONTENTS

Verify that all items are present upon opening the package:

- Abu Garcia Revo S Low Profile Baitcasting Reel (Model REVO4 S-L)
- Instruction Manual

4. SETUP

4.1 Mounting the Reel

1. Align the reel foot with the reel seat on your fishing rod.
2. Tighten the reel seat locking nut securely until the reel is firmly attached to the rod. Ensure there is no wobble.

4.2 Spooling Fishing Line

Proper line spooling is crucial for optimal casting performance and to prevent line issues.

1. Thread the fishing line through the rod guides, starting from the tip and working towards the reel.
2. Tie the line to the reel spool using an arbor knot or a similar secure knot. Ensure the knot is tight and centered on the spool.
3. Close the bail (if applicable) or engage the spool.
4. Maintain light tension on the line as you reel it onto the spool. The line should lay evenly across the spool.
5. Fill the spool to approximately 1/8 inch (3mm) from the edge of the spool lip. Overfilling can lead to tangles and backlashes.



5. OPERATING THE REEL

5.1 Casting Techniques

Baitcasting reels require practice to master. Begin with lighter casts to develop feel and control.

- **Thumb Control:** Use your thumb to feather the spool during the cast to prevent backlash. Release your thumb as you begin the forward casting motion and apply pressure again as the lure approaches the target to slow the spool.
- **Brake System:** The Revo S features a magnetic brake system. Adjust the external dial to control the spool's rotation during a cast. Higher settings provide more braking, reducing backlash, especially for beginners or windy conditions. Lower settings allow for longer casts but require more thumb control.

5.2 Drag System Adjustment

The star drag system controls the amount of resistance the line experiences when a fish pulls on it. Proper drag setting prevents line breakage and helps tire out fish.

- **Adjusting Drag:** Rotate the star-shaped drag knob (located next to the handle) clockwise to increase drag tension and counter-clockwise to decrease it.
- **Setting Drag:** A common guideline is to set the drag to approximately 25-30% of your line's breaking strength. Test the drag by pulling line directly from the spool.

5.3 Retrieve and Gear Ratio

This reel features a 6.75:1 gear ratio, meaning the spool rotates 6.75 times for every one full rotation of the handle. This provides a retrieve rate of 27 inches per turn, suitable for a variety of fishing techniques requiring moderate to fast retrieves.



Figure 3: Angler demonstrating the use of a baitcasting reel during fishing.

6. MAINTENANCE

Regular maintenance extends the life and performance of your reel.

6.1 Cleaning

- After each use, especially in saltwater, rinse the reel with fresh water. Do not submerge the reel.
- Wipe the reel dry with a soft cloth.
- Use a cotton swab to clean hard-to-reach areas and remove any debris.

6.2 Lubrication

- Apply a small amount of high-quality reel oil to moving parts such as the handle knobs, worm gear, and spool shaft.
- Apply a thin layer of reel grease to the main gears if accessible and recommended by the manufacturer. Avoid over-lubrication.

6.3 Storage

- Store the reel in a dry, cool place away from direct sunlight and extreme temperatures.
- Loosen the drag completely before storage to prevent compression of the drag washers.

7. TROUBLESHOOTING

Refer to the table below for common issues and their potential solutions.

Problem	Possible Cause	Solution
Backlash (line tangles during cast)	Brake setting too low, thumb control insufficient, spool overfilled.	Increase brake setting, improve thumb control, remove excess line.
Drag not smooth or slipping	Drag washers dirty, dry, or worn.	Clean and re-grease drag washers (if applicable), replace worn washers.
Reel feels stiff or grinds	Lack of lubrication, dirt/debris in gears, damaged components.	Clean and lubricate reel, inspect for damage. Contact support if issue persists.
Line not laying evenly on spool	Worm gear or line guide issue.	Inspect line guide for obstructions, ensure worm gear is clean and lubricated.

8. SPECIFICATIONS

Key technical details for the Abu Garcia Revo S Low Profile Baitcasting Reel (Model REVO4 S-L):

Feature	Value
Brand	Abu Garcia
Model Name	1430432 Revo S
Item Model Number	REVO4 S-L
Hand Orientation	Left Hand
Gear Ratio	6.75:1
Retrieve Rate	27 inches per turn

Feature	Value
Maximum Drag	20 lb
Bearings	9 (8 stainless steel ball bearings + 1 roller bearing)
Material	Aluminum, Graphite, Stainless Steel
Item Weight	0.29 Kilograms (290 g)
Item Dimensions (LxWxH)	17.8 x 12.7 x 7.6 Centimeters
UPC	036282064652

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Your Abu Garcia Revo S Low Profile Baitcasting Reel is covered by a manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included with your purchase or visit the official Abu Garcia website for specific terms and conditions.

9.2 Customer Support

For technical assistance, parts, or service inquiries, please contact Abu Garcia customer support through their official website or the contact information provided with your product documentation.