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› Piscifun Sword Fly Fishing Reel Instruction Manual

## Piscifun Piscifun Sword

# Piscifun Sword Fly Fishing Reel Instruction Manual

Model: Piscifun Sword | Brand: Piscifun

## 1. PRODUCT OVERVIEW

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The Piscifun Sword Fly Fishing Reel is engineered for durability and performance, crafted from precision CNC machined 6061-T6 aluminum alloy. It features a mid-arbor design for reduced line memory and quick line retrieval, along with a smooth, continuously adjustable multi-disc drag system. Hard anodized for superior abrasion and corrosion resistance, this reel is designed to handle various fishing conditions.



Figure 1: Piscifun Sword Fly Fishing Reel (Main View)

This image displays the complete Piscifun Sword Fly Fishing Reel, showcasing its sleek design and robust construction. The reel features a silver body with green accents on the handle and drag knob, highlighting its modern aesthetic and functional components.

## 2. KEY FEATURES

- **Solid and Lightweight Construction:** Precision CNC machined from 6061-T6 aluminum alloy for high-impact durability. The wider CNC hollow design contributes to a lighter reel compared to standard models.
- **Smooth Drag System:** Equipped with a premium carbon and stainless steel multi-disc drag system, ensuring silky-smooth performance. Features a one-way clutch bearing for immediate drag engagement, precise click, and silent retrieve.
- **Corrosion Resistance:** Hard anodized surface protection enhances resistance to abrasion and weathering. Cold forged and tempered for superior strength and rigidity.
- **Mid-Arbor Design:** Reduces line memory and facilitates lightning-fast line pickup, crucial for managing strong

fish runs.

- **Easy Retrieve Configuration:** Factory pre-set for left-hand retrieve, with an easy conversion process to right-hand retrieve.



Figure 2: CNC Machined Aluminum vs. Diecast Aluminum Comparison

This image illustrates the superior quality of CNC machined 6061-T6 aluminum used in the Piscifun Sword reel compared to typical diecast aluminum, highlighting its enhanced strength and precision.

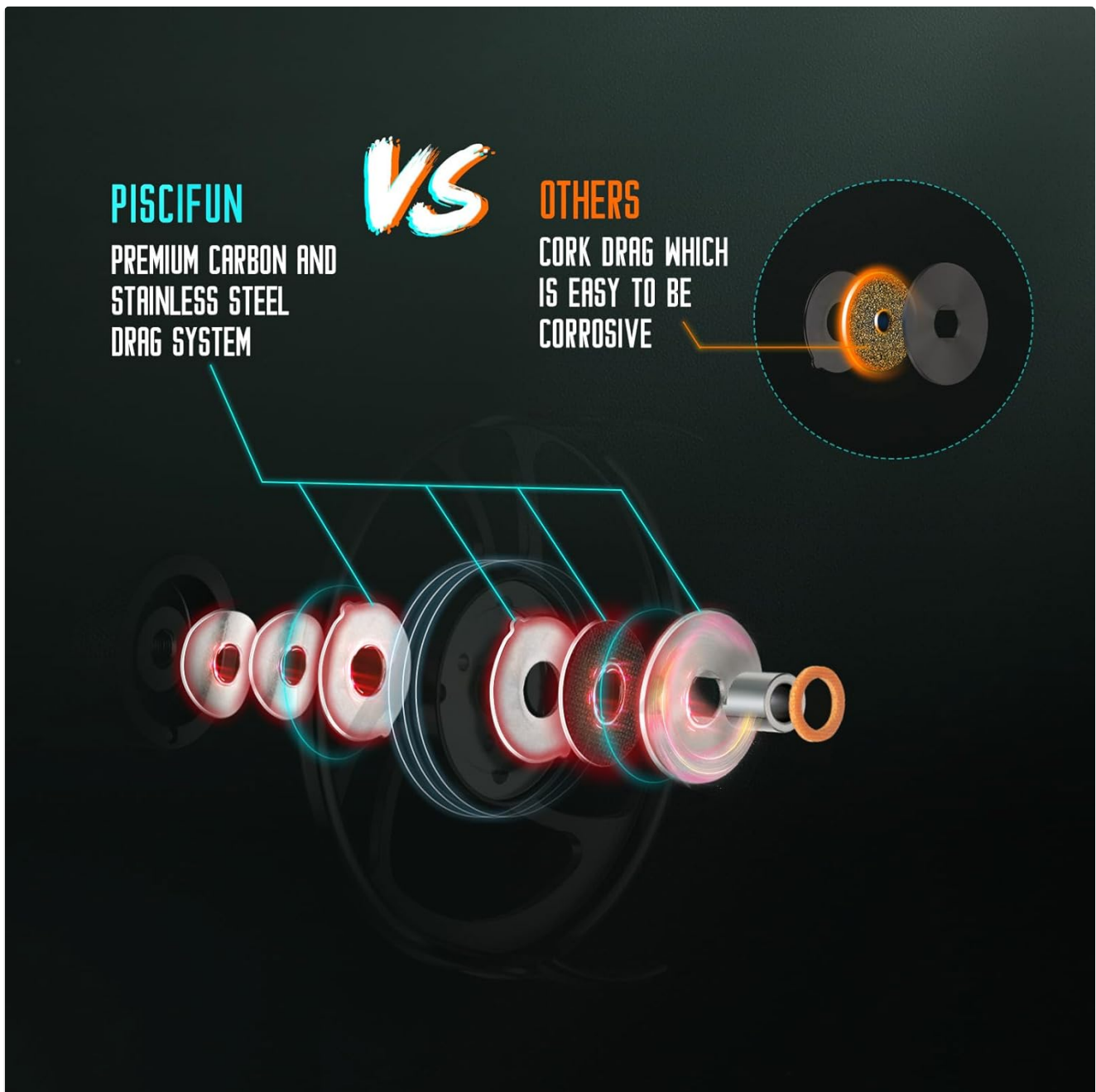


Figure 3: Premium Carbon and Stainless Steel Drag System

This diagram shows the internal components of the Piscifun Sword's premium carbon and stainless steel drag system, contrasting it with a less durable cork drag system. It emphasizes the advanced design for smooth and reliable drag performance.

### 3. SETUP GUIDE

#### 3.1. Left/Right Hand Retrieve Conversion

The Piscifun Sword reel is factory pre-set for left-hand retrieve. To convert it for right-hand retrieve, follow these general steps:

1. Unscrew the drag knob and remove the spool from the reel frame.
2. Locate the one-way bearing (usually a small, cylindrical component) inside the reel frame or on the spindle.
3. Carefully remove the one-way bearing. Note its current orientation.
4. Flip the one-way bearing over and reinsert it into its housing. This reverses the direction of the retrieve.
5. Reattach the spool to the reel frame and tighten the drag knob.

6. Test the retrieve direction to ensure it is now set for your preferred hand.

If you encounter any difficulties during this process, please refer to the support section or contact Piscifun customer service for detailed guidance.

## 4. OPERATING INSTRUCTIONS

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### 4.1. Drag System Adjustment

The Piscifun Sword features a continuously adjustable multi-disc drag system. The drag knob, typically located on the side of the reel, allows you to increase or decrease drag tension. Turn the knob clockwise to increase drag, and counter-clockwise to decrease it. Adjust the drag setting based on the strength of your tippet and the size of the fish you are targeting. A properly set drag allows the line to be pulled smoothly from the reel under pressure, preventing line breakage while tiring the fish.

### 4.2. Casting and Retrieving

After casting your line, retrieve it by turning the handle. The mid-arbor design of the Piscifun Sword facilitates quick line pickup. Ensure your retrieve is smooth and consistent. When a fish strikes, allow the drag system to work by letting the fish run, only retrieving line when the fish pauses or moves towards you. Maintain a steady rod tip to absorb shocks and guide the fish.

## 5. MAINTENANCE

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### 5.1. Cleaning

Regular cleaning will extend the life and performance of your reel. After each use, especially in saltwater environments, rinse the reel thoroughly with fresh water. Do not submerge the reel. Use a soft cloth to wipe away any dirt or debris. Pay special attention to the drag system and ensure no sand or grit is present.

### 5.2. Lubrication

Periodically apply a small amount of reel grease to the main shaft and a light reel oil to the handle knob bearings. Avoid over-lubricating the drag washers, as this can impair drag performance. If the drag system feels inconsistent or sticky, it may require disassembly and cleaning of the drag washers. Consult a professional or the manufacturer's support if you are unsure how to properly clean and reassemble the drag system.

## 6. TROUBLESHOOTING

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- **Drag System Inconsistency:** If the drag feels uneven or sticky, it may be due to dirt or corrosion on the drag washers. Refer to the maintenance section for cleaning instructions. Ensure the drag knob is securely tightened but not overtightened.
- **Line Memory Issues:** The mid-arbor design minimizes line memory. If you experience excessive line coiling, ensure you are using appropriate fly line for the reel's capacity and that the line is properly spooled.
- **Handle Wobble:** Check if the handle screw is tight. If the wobble persists, inspect the handle shaft and bearings for wear.
- **Unusual Noises:** Any grinding or clicking noises not associated with the drag clicker may indicate internal issues. Stop using the reel and inspect for foreign objects or damaged components.

For persistent issues not covered here, please contact Piscifun customer support.

## 7. TECHNICAL SPECIFICATIONS

Specification	Detail
Brand	Piscifun
Model Name	Piscifun Sword
Model Number	Piscifun-RL080-C
Material	CNC Machined 6061-T6 Aluminum Alloy
Color Options	Black, Gunmetal, Space Gray, Rose (availability may vary)
Drag Type	Multi-disc (Carbon and Stainless Steel)
Retrieve	Ambidextrous (Left/Right Convertible)
Special Feature	Concave arbor for increased strength and capacity
Net Product Weight	Approx. 5.8 Ounces (for 7/8wt model)
Spool Diameter (7/8wt)	3.7 inches
Spool Width (7/8wt)	1.3 inches
Line Capacity (WF7F)	WF7F/125yds/20lb (for 7/8wt model)

# PISCIFUN SWORD FLY FISHING



Gunmetal



Space Gray



Black



Line Weight	Weight	Spool Diameter	Spool Width	Braid Capacity
3/4	4.1oz	2.9in	1.0in	WF3F/50yds/20lb
5/6	4.7oz	3.4in	1.1in	WF6F/100yds/20lb
7/8	6.1oz	3.7in	1.3in	WF7F/125yds/20lb
9/10	6.7oz	4.0in	1.3in	WF7F/150yds/20lbs

Figure 4: Piscifun Sword Fly Fishing Reel Size and Capacity Chart

This image provides a detailed chart outlining the different line weights (3/4, 5/6, 7/8, 9/10) available for the Piscifun Sword reel, along with their corresponding weights, spool dimensions, and braid capacities.

## 8. WARRANTY AND SUPPORT

Piscifun is committed to providing high-quality products. For any questions regarding your Piscifun Sword Fly Fishing Reel, including setup, operation, maintenance, or troubleshooting, please contact Piscifun customer support. Details for contacting support can typically be found on the official Piscifun website or through your purchase platform.

Please retain your proof of purchase for any warranty claims. Specific warranty terms and conditions may vary and are subject to the manufacturer's policy at the time of purchase.