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› SeaKnight FALCAN2 Baitcasting Reel Instruction Manual

## SeaKnight FALCAN2

# SeaKnight FALCAN2 Baitcasting Reel Instruction Manual

Model: FALCAN2-XG-L

## 1. INTRODUCTION

Thank you for choosing the SeaKnight FALCAN2 Baitcasting Reel. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your new fishing reel. Please read these instructions carefully to ensure optimal performance and longevity of your product.

The FALCAN2 baitcasting reel is engineered for precision and power, featuring a low-profile design, advanced magnetic braking system, and durable components for a superior fishing experience.



*Image 1: The SeaKnight FALCAN2 Baitcasting Reel, showcasing its sleek, low-profile design.*

## **2. PRODUCT STRUCTURE AND COMPONENTS**

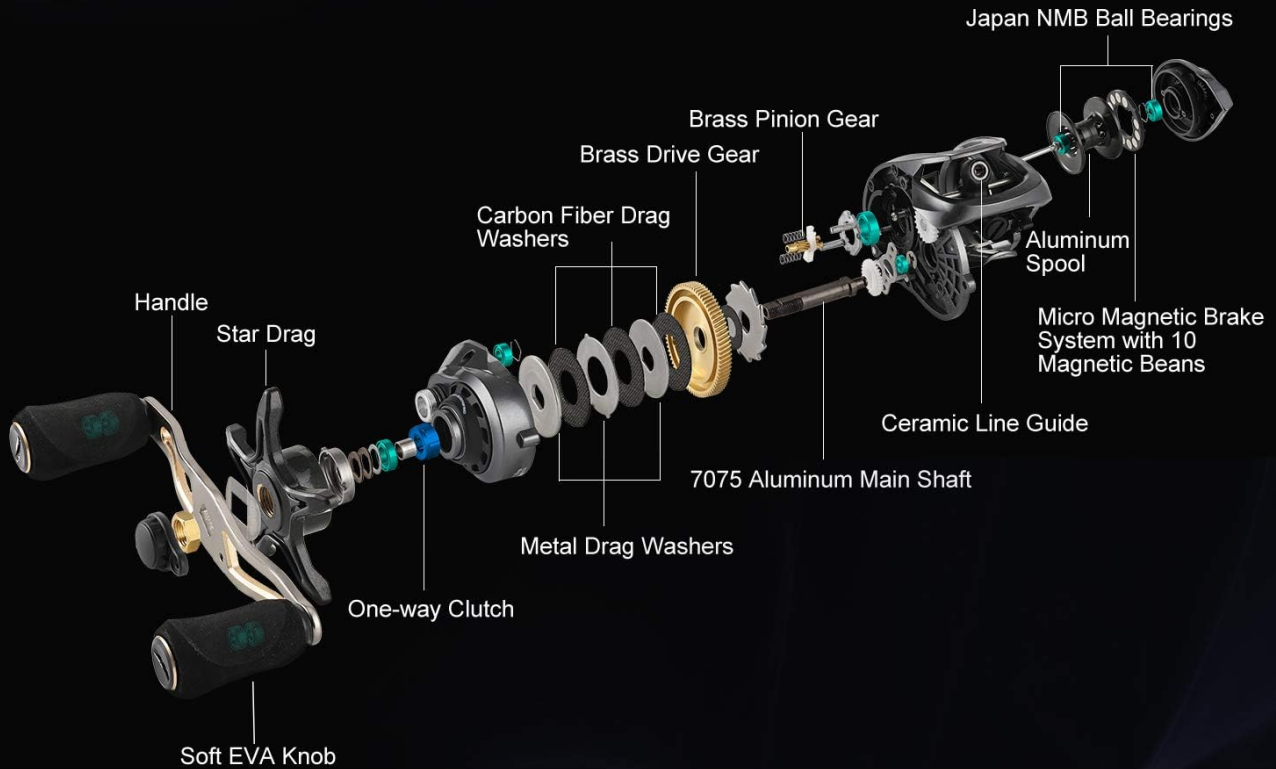
Understanding the internal and external components of your FALCAN2 reel is crucial for proper use and maintenance. The reel features a robust construction designed for durability and smooth operation.

# STRUCTURE DETAILS

17.6LB  
DRAG POWER

10 BALL BEARINGS + 1  
ANTI-REVERSE BALL BEARING

SMOOTH  
OPERATION



MODEL	GEAR RATIO	WEIGHT (g/oz)	BALL BEARINGS	MAX DRAG (lbs)	LINE CAPACITY (mm-m)
Falcan2 HG	7.2:1	190g/6.7oz	10+1BB	17.6lbs	0.33-100 0.38-90
Falcan2 XG	8.1:1	190g/6.7oz	10+1BB	15.4lbs	0.33-100 0.38-90

Image 2: Detailed diagram of the FALCAN2 reel's internal structure, highlighting key components such as the brass pinion gear, carbon fiber drag washers, aluminum spool, and micro magnetic brake system.

- **Handle:** Ergonomically designed for comfortable grip and efficient retrieve.
- **Star Drag:** Adjusts the drag tension to control line release during a fight.
- **Spool:** Lightweight aluminum spool for reduced inertia and improved casting.
- **Magnetic Brake System:** Provides adjustable casting control to prevent backlashes.
- **Line Guide:** Ceramic line guide for smooth line flow and reduced friction.
- **Gears:** Durable brass pinion and drive gears for powerful and smooth operation.
- **Bearings:** 10+1 shielded ball bearings for smooth performance.

## 3. SETUP AND INITIAL ADJUSTMENT

### 3.1 Attaching the Reel to Your Rod

1. Align the reel foot with the reel seat on your fishing rod.
2. Tighten the reel seat nut securely until the reel is firmly attached and does not wobble.

### 3.2 Spooling Fishing Line

1. Open the side plate of the reel to access the spool.
2. Tie your fishing line to the spool using an appropriate knot (e.g., arbor knot).
3. Close the side plate.
4. Begin winding the line onto the spool, maintaining light tension to ensure even and tight wraps. Avoid overfilling the spool, leaving approximately 1/8 inch (3mm) from the spool lip.

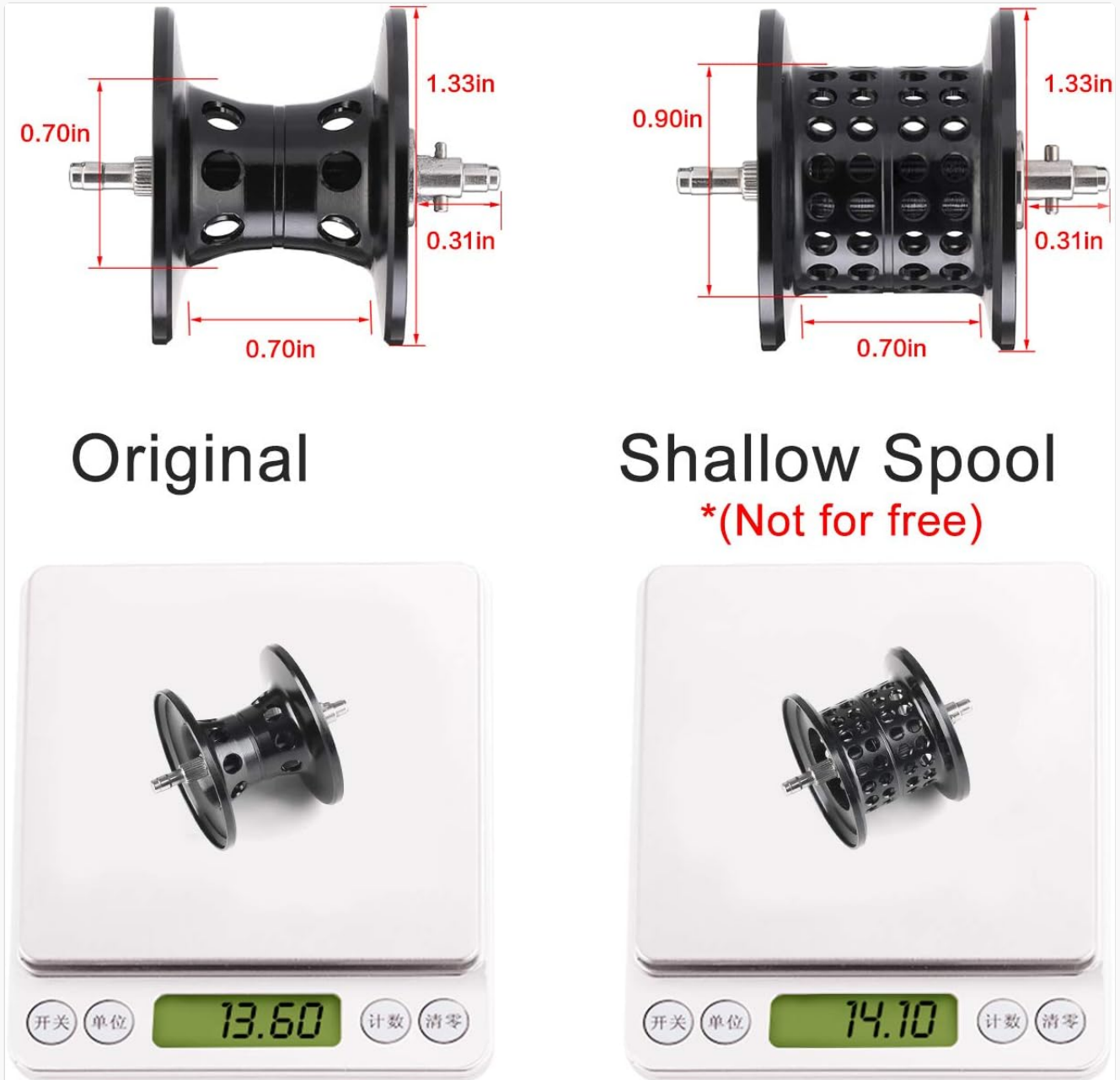


Image 3: Comparison of the original and shallow spools, illustrating different line capacities and weights. Ensure correct spool installation.

### 3.3 Adjusting the Magnetic Brake System

The FALCAN2 features a micro magnetic brake system with 10 magnetic beans and a 30-pin precise adjustment dial. This system helps control spool rotation during casting, minimizing backlashes.

# 30 PIN MAGNETIC BRAKE SYSTEM, 90M LONGER CASTING



**0-2PIN: FOR SUPER LONG LASTING - HEAVY BAIT**  
**2-4PIN: GENERAL PURPOSE**  
**4-5PIN: FOR BEGINNER - LIGHT BAIT**

*Image 4: The 30-pin precise adjustment dial for the magnetic brake system, showing settings from MIN to MAX.*

- **0-2 Pin Setting:** Recommended for super long casting with heavy baits.
- **2-4 Pin Setting:** General purpose setting for various casting conditions.
- **4-5 Pin Setting:** Ideal for beginners or when using light baits, providing maximum backlash prevention.

Start with a higher setting (e.g., 4-5) and gradually reduce it as you become more comfortable with casting to achieve longer distances.

# MICRO MAGNETIC BRAKE SYSTEM

Optimize the magnetic affect on the ported aluminum spool, offers ultimate casting control;  
Placed evenly on both sides, making the reel smoother and longer casting.



Image 5: Close-up view of the micro magnetic brake system with 10 magnetic beans, illustrating how it optimizes magnetic effect on the spool for casting control.

## 3.4 Adjusting the Spool Tension Knob

The spool tension knob (located on the side opposite the handle) controls the free fall rate of your lure. Adjust it so that your lure falls slowly and steadily when the thumb bar is pressed, without the spool continuing to spin excessively once the lure hits the ground.

## 4. OPERATING YOUR BAITCASTING REEL

### 4.1 Casting Technique

1. Hold the rod with the reel facing upwards.
2. Press the thumb bar to disengage the spool.
3. Use your thumb to lightly feather the spool, preventing it from spinning freely.
4. Make a smooth casting motion. As the lure leaves the rod tip, release your thumb from the spool.
5. Just before the lure hits the water, gently apply your thumb to the spool again to stop its rotation, preventing a

backlash.

## 4.2 Drag Adjustment

The star drag system allows you to set the appropriate tension for fighting fish. Turn the star drag knob clockwise to increase tension and counter-clockwise to decrease it. Set the drag to approximately 25-30% of your line's breaking strength.

## 4.3 Retrieve

The FALCAN2 reel offers gear ratios of 7.2:1 and 8.1:1, providing fast line retrieve. Turn the handle to retrieve your line and engage the anti-reverse system.



*Image 6: A person demonstrating the comfortable grip and low-profile design of the FALCAN2 reel during use.*

## 5. MAINTENANCE

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Regular maintenance will extend the life and performance of your SeaKnight FALCAN2 reel.

### 5.1 Cleaning

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

### 5.2 Lubrication

Periodically apply a small amount of high-quality reel grease to the main gears and a drop of reel oil to the bearings and other moving parts. Refer to the product structure diagram (Image 2) for key lubrication points.

# DUAL-BEARINGS SYSTEM UP TO 18 LBS



PINION GEAR

2 SHIELDED BEARINGS

*Image 7: Illustration of the dual-bearing system and pinion gear, highlighting areas that benefit from regular lubrication for smooth operation.*

## 5.3 Storage

Store your reel in a dry, cool place away from direct sunlight and extreme temperatures. Consider using a reel cover to protect it from dust and scratches.

## 6. TROUBLESHOOTING

- **Backlash Issues:** If you experience frequent backlashes, increase the magnetic brake setting (towards 4-5) and/or tighten the spool tension knob. Practice your casting technique to improve control.
- **Rough Retrieve:** A rough retrieve can indicate a need for cleaning and lubrication. Disassemble the reel carefully, clean components, and apply appropriate grease and oil. Check for any damaged gears or bearings.
- **Drag Slipping:** If the drag slips unexpectedly, check if the drag washers are clean and properly seated. Ensure the star drag knob is tightened sufficiently.

## 7. SPECIFICATIONS

The following table details the key specifications for the SeaKnight FALCAN2 Baitcasting Reel (Model FALCAN2-XG-L).

Feature	Specification
Model Name	FALCAN2-XG-L
Gear Ratio	8.1:1 (also available in 7.2:1 HG model)
Max Drag	8 kg (17.6 lbs)
Ball Bearings	10+1BB
Weight	200g (6.7 oz)
Line Capacity (mm-m)	0.33-100, 0.38-90
Brake System	Micro Magnetic Brake System with 10 Magnetic Beans, 30-pin adjustment
Hand Orientation	Left Hand (for FALCAN2-XG-L)
Material	Aluminum, Carbon, Brass, Steel
Special Features	Low Profile, Ceramic Line Guide, Brass Pinion Gear, Carbon Fiber Drag Washers



Image 8: Dimensions of the FALCAN2 reel, highlighting its compact and lightweight design for comfortable palming.



*Image 9: Close-up of the triangle-shaped ceramic line guide, designed for lower friction, higher smoothness, and excellent heat dissipation during long casts.*

## **8. WARRANTY AND SUPPORT**

### **8.1 Warranty Information**

SeaKnight products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the official SeaKnight website or contact your retailer. Keep your proof of purchase for any warranty claims.

### **8.2 Customer Support**

If you have any questions, require assistance with setup, operation, or maintenance, or encounter any issues not covered in this manual, please contact SeaKnight customer support through their official website or the retailer from whom you purchased the product. Provide your product model and purchase details for efficient service.

