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> DAIWA Seaborg 500J Electric Reel Instruction Manual

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Model: 500J (2015 Model)

INTRODUCTION

Thank you for choosing the DAIWA Seaborg 500J Electric Reel. This manual provides detailed instructions for the proper setup, operation, and maintenance of your electric reel. Please read this manual thoroughly before using the product to ensure safe and optimal performance. Keep this manual in a safe place for future reference.



Figure 1: Main view of the DAIWA Seaborg 500J Electric Reel.

SETUP

1. Attaching the Reel to the Rod

Securely attach the Seaborg 500J electric reel to your fishing rod's reel seat. Ensure it is firmly seated to prevent movement

during use. A rod clamp (optional) can be used for additional security.

2. Line Winding

Before first use, wind your preferred fishing line onto the spool. The reel supports PE line (4-400m / 5-300m) and Fluorocarbon line (5-400m / 6-300m). Use the included line threading pin to guide the line through the reel's line guide.



Figure 2: Included line threading pin and various function stickers.

3. Power Connection

Connect the Super Power Cord (included) to the reel's power port and to a compatible 12V DC power source (e.g., a fishing boat battery). Ensure the connection is secure and free from corrosion.



Figure 3: The Super Power Cord for connecting the reel to a power source.

4. Initial Settings

Upon connecting power, the reel's display will activate. Familiarize yourself with the JOG Power Lever, Fall Brake Dial, and the control buttons (MODE, PICKUP, RESET, MEMO) for initial adjustments and line counter calibration.

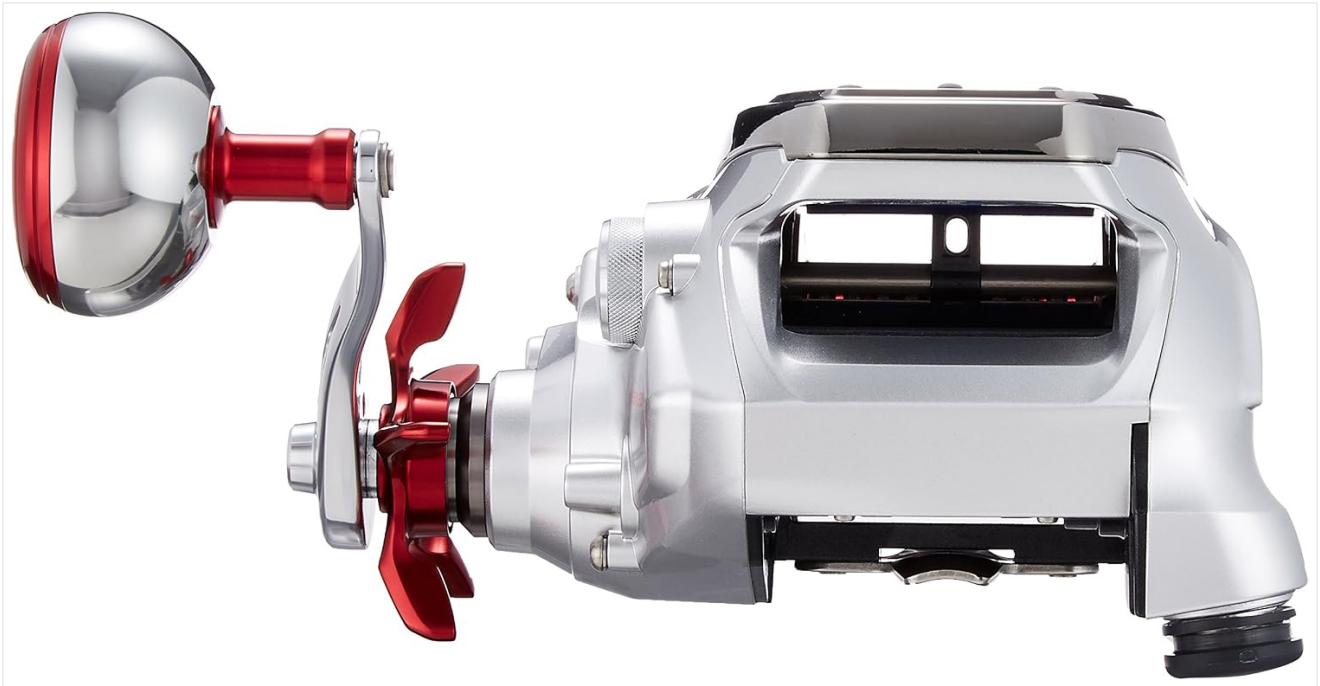


Figure 4: Close-up of the control panel and digital display.

OPERATING INSTRUCTIONS

1. Basic Operation

- **JOG Power Lever:** Use this lever for intuitive and precise control over winding speed and power. Push forward to wind, pull back to slow down or stop.
- **One-Push ON Clutch:** Engages the clutch with a single push, allowing for quick line release and retrieval.
- **Fall Brake Dial:** Adjusts the spool's free fall speed, preventing line tangles and allowing for controlled descent of your lure or bait.



Figure 5: The JOG Power Lever for speed control.

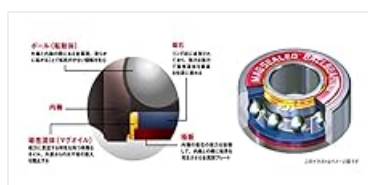


Figure 6: The Fall Brake Dial for controlling lure descent.

2. Winding Functions

- **Electric Slow Winding:** Provides a slow, steady retrieve, ideal for delicate presentations or when fighting fish.
- **Constant Speed Winding Mode:** Maintains a consistent retrieve speed regardless of load, useful for specific lure actions.
- **Choy Maki (Short Wind) / Choy Dome (Short Stop) Switch:** Allows for quick, short retrieves or momentary stops, useful for jigging or enticing bites.
- **Master Shakuri (Jigging) / Shakuri Switch:** Automates jigging patterns, reducing fatigue during active fishing.

3. Depth and Counter Functions

- **Komase Timer & Komase Timer Winding:** Assists in managing bait dispersion and retrieval for chumming techniques.
- **Selectable Boat Stop & Gentle Boat Stop:** Automatically stops winding at a pre-set distance from the boat, with options for a firm or gentle stop.
- **Line Sending Mechanism:** Ensures smooth and even line payout.
- **From Top/From Bottom Counter:** Displays the current line depth from either the surface or the bottom, providing precise depth management.

4. Display and Alarm Functions

- **Winding Speed Actual Value Display:** Shows the real-time winding speed on the digital display.
- **Display Correction Function:** Allows for calibration of the line counter for accuracy.
- **Alarm ON/OFF:** Toggles audible alerts for various functions.
- **Memory Backup Function:** Retains settings even when power is disconnected.

MAINTENANCE

1. Cleaning and Washing

The Seaborg 500J features a **Washable** design. After each use, especially in saltwater, rinse the reel thoroughly with fresh water. Do not submerge the reel. Wipe it dry with a soft cloth. Avoid using harsh chemicals or abrasive materials.

2. Magsealed Ball Bearing Care

The reel incorporates **Magsealed Ball Bearings** for enhanced durability and water resistance. These bearings require minimal maintenance. Do not attempt to disassemble or lubricate Magsealed components yourself, as this can compromise their sealing properties. Refer to authorized service centers for any internal maintenance.

3. General Inspection

Regularly inspect the reel for any signs of wear, damage, or loose parts. Check the handle, drag system, and line guide for smooth operation. Ensure the power cord connection is clean and free of corrosion.

TROUBLESHOOTING

If you encounter any issues with your DAIWA Seaborg 500J, please refer to the following common troubleshooting tips:

- **Reel not powering on:** Check the power cord connection to both the reel and the battery. Ensure the battery is fully charged and providing adequate voltage.
- **Line counter inaccurate:** Use the Display Correction Function to recalibrate the line counter. Ensure the line is wound correctly and tightly on the spool.

- **Winding speed inconsistent:** Check for any obstructions in the line guide or spool. Ensure the drag is not set too tight, causing excessive resistance.
- **Unusual noises:** Stop using the reel immediately and inspect for any foreign objects or loose parts. If the noise persists, contact customer support.

For problems not listed here or if troubleshooting steps do not resolve the issue, please contact DAIWA customer support or an authorized service center.

SPECIFICATIONS

Feature	Specification
Standard Weight	815g (3.49 lbs)
Gear Ratio	3.7
Maximum Drag Force	23kg
PE Line Capacity (No.-m)	4-400m / 5-300m
Fluorocarbon Line Capacity (No.-m)	5-400m / 6-300m
Bearings (Ball/Roller)	10/1
Maximum Winding Power	72kg (80kg when using Super Lithium)
Normal Winding Speed (1kg load m/min)	145m/min (161m/min when using Super Lithium)
JAFS Standard Winding Power	15kg
JAFS Standard Winding Speed	180m/min
Body Material	Aluminum Die-cast
Handle Material	Aluminum
Hand Orientation	Right Handle (Ikatune variant)

Key Features:

- JOG Power Lever
- Magsealed Ball Bearing
- ATD (Automatic Drag System)
- Fall Brake Dial
- Crank Handle & Large Aluminum Round Knob
- Magmite Structure & FF Structure
- Aluminum Die-cast Body
- Belt Drive
- Infinite Stopper
- Ultra Spool Free
- One-Push ON Clutch
- Electric Slow Winding
- Constant Speed Winding Mode

- Choy Maki (Short Wind) / Choy Dome (Short Stop) Switch
- Master Shakuri (Jigging) / Shakuri Switch
- Komase Timer & Komase Timer Winding
- Selectable Boat Stop & Gentle Boat Stop
- Line Sending Mechanism
- Washable
- Fukase Mode
- Winding Speed Actual Value Display
- Drop Prevention Spool Free Adjustment Dial
- From Top/From Bottom Counter
- Display Correction Function
- Alarm ON/OFF
- Memory Backup Function

Accessories:

- Super Power Cord
- Reel Bag
- Line Threading Pin
- Japanese Seal (Sticker)
- Brake Dial Seal (Sticker)



Figure 7: Included reel bag for storage and transport.

WARRANTY INFORMATION

DAIWA products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official DAIWA website. Keep your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

If you require further assistance, have questions about your DAIWA Seaborg 500J Electric Reel, or need to arrange for service, please contact DAIWA customer support. Contact information can typically be found on the official DAIWA website or on the product packaging.

For more information and product updates, visit the official DAIWA website: www.daiwa.com/global/