

Daiwa TTU80

Daiwa TATULA TW80 Baitcast Reel Instruction Manual

1. INTRODUCTION

Thank you for choosing the Daiwa TATULA TW80 Baitcast Reel. This manual provides essential information for the proper setup, operation, and maintenance of your new fishing reel. Please read these instructions carefully before using the reel to ensure optimal performance and longevity.

2. PRODUCT FEATURES

- **TATULA TW80 Baitcast Reel:** Designed for precision and durability.
- **Bearing System:** Equipped with 7 ball bearings + 1 roller bearing for smooth operation.
- **Gear Ratio:** Features a 6.3:1 gear ratio for versatile retrieval speeds.
- **T-Wing System (TWS):** Improves casting distance and reduces backlashes.
- **HYPERDRIVE DESIGN:** Enhances power and smoothness.



Figure 1: Front view of the Daiwa TATULA TW80 Baitcast Reel, showcasing the T-Wing System (TWS) and ergonomic handle.



Figure 2: Side view of the Daiwa TATULA TW80 Baitcast Reel, highlighting the HYPERDRIVE DESIGN and STAR DRAG system.

3. SETUP

3.1 Mounting the Reel

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 to the rod. Do not overtighten.

3.2 Spooling Fishing Line

1. Open the side plate and ensure the spool is empty and clean.
2. Thread the fishing line through the rod guides and then through the T-Wing System (TWS) line guide on the reel.
3. Tie the line to the spool using an arbor knot or a similar secure knot.
4. Close the side plate.
5. With light tension on the line, slowly reel the line onto the spool, ensuring it lays evenly. Fill the spool to approximately 1/8 inch (3mm) from the rim. Avoid overfilling or underfilling.

3.3 Initial Adjustments

- **Spool Tension Knob:** Located on the side of the reel, this controls the spool's free spin. Adjust it so that your lure falls slowly and steadily when the thumb bar is pressed, without the spool overrunning.
- **Magnetic Brake System (Magforce-Z):** Adjust the external dial to control the magnetic braking. Higher settings provide more braking, reducing backlashes, especially for lighter lures or into the wind. Lower settings allow for longer casts with heavier lures.
- **Star Drag:** The star-shaped knob next to the handle adjusts the drag pressure. Turn clockwise to increase drag, counter-clockwise to decrease. Set the drag to approximately 25-30% of your line's breaking strength.

4. OPERATING INSTRUCTIONS

4.1 Casting

1. Hold the rod and reel comfortably.
2. Press the thumb bar to disengage the spool.
3. Use your thumb to lightly feather the spool to prevent line overrun.
4. Make your cast. As the lure flies, continue to feather the spool with your thumb.
5. Just before the lure hits the water, apply firm thumb pressure to stop the spool, preventing a backlash.
6. Begin retrieving by turning the handle, which automatically re-engages the spool.

4.2 Retrieving

Turn the reel handle at your desired speed to retrieve your lure or bait. The 6.3:1 gear ratio provides a balanced retrieve suitable for various fishing techniques.

4.3 Drag Adjustment

Adjust the star drag during a fight with a fish to apply appropriate pressure. Increase drag to gain control, decrease drag to prevent line breakage, especially when a fish makes a strong run. Always test your drag setting before fishing.

5. MAINTENANCE

5.1 After Each Use

- Rinse the reel with fresh water to remove salt, dirt, and debris. Do not submerge the reel.
- Wipe the reel dry with a soft cloth.
- Loosen the drag completely to prevent compression of the drag washers during storage.

5.2 Periodic Maintenance (Every 3-6 Months)

- Apply a small amount of high-quality reel oil to moving parts such as the handle knobs, spool shaft, and worm gear.
- Apply a thin layer of reel grease to the main gears if you are comfortable disassembling the reel. If not, professional servicing is recommended.
- Inspect the line for wear and tear, and replace if necessary.

5.3 Storage

Store your reel in a dry, cool place away from direct sunlight and extreme temperatures. Use a reel cover or case to protect it from dust and physical damage.

6. TROUBLESHOOTING

- **Backlashes:** Adjust spool tension and magnetic brake settings. Practice casting technique. Ensure line is spooled evenly.
- **Stiff Handle/Grinding Noise:** The reel may need cleaning and lubrication. Check for debris in the gears. If the issue persists, professional servicing may be required.
- **Slipping Drag:** Check if the drag washers are dry or worn. Ensure the star drag is tightened appropriately.
- **Line Twist:** Can be caused by improper spooling or using lures that spin excessively. Re-spool line correctly or use swivels.

7. SPECIFICATIONS

Specification	Value
Brand	Daiwa
Model Name	TTU80
Hand Orientation	Right Hand
Gear Ratio	6.3:1
Bearings	7BB + 1RB
Item Weight	9.6 ounces
Material	Blend

Fishing Technique	Baitcasting
UPC	043178922163

8. WARRANTY AND SUPPORT

8.1 Warranty Information

For specific warranty details and claims, please contact the manufacturer directly. The warranty description provided indicates to "Contact Manufacturer".

8.2 Customer Support

If you encounter any issues not covered in this manual or require further assistance, please visit the official Daiwa website or contact their customer service department for expert support.