



Manuals.plus /

› Abu Garcia /

› Abu Garcia Revo Rocket Spinning Fishing Reel Model 20 Instruction Manual

Abu Garcia REVO3 ROCKET SP20

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Model: REVO3 ROCKET SP20

INTRODUCTION

Thank you for choosing the Abu Garcia Revo Rocket Spinning Fishing Reel Model 20. This manual provides essential information for the proper setup, operation, and maintenance of your new fishing reel. Adhering to these instructions will help ensure optimal performance and extend the lifespan of your equipment.

The Revo Rocket Spinning Reel is engineered for speed and precision, featuring a 7.6:1 gear ratio for rapid line retrieval. Its design incorporates an A-SYM body for optimized balance and AM-G fully machined gear systems for smooth operation. The V-Rotor design and Rocket line management system enhance casting performance across various line types, including monofilament, braided, and fluorocarbon lines.

KEY FEATURES

- **9 Stainless Steel HPCR Bearings + 1 Roller Bearing:** Provides increased corrosion protection and smooth operation.
- **Asymmetrical Body Design:** Minimizes body size and optimizes weight and balance for comfortable handling.
- **V-Rotor Design:** Enhances casting performance.
- **Machined Aluminum Braid Ready Spool:** Designed for direct spooling of braided lines.
- **Rocket Line Management System:** Improves casting distance and reduces wind knots with various line types.
- **AM-G Fully Machined Gear System:** Delivers unparalleled smoothness and durability.



**9 STAINLESS STEEL HPCR™
BEARINGS + 1 ROLLER
BEARING PROVIDES
INCREASED CORROSION
PROTECTION**

Image: Illustration of the 9 stainless steel HPCR bearings and 1 roller bearing for corrosion protection.

ONE PIECE ALUMINUM FRAME



One piece aluminum frame design allows for added strength without adding weight.

Image: The one-piece aluminum frame provides strength without adding excessive weight.



**ASYMMETRICAL X-CRAFTIC
BODY DESIGN ALLOWING
FOR A MORE COMPACT
BODY**

Image: The asymmetrical X-Craftic body design contributes to a more compact reel.

AMGEARING™ SYSTEM PROVIDES PRECISION MACHINED GEARS FOR UNPARALLELED SMOOTHNESS AND DURABILITY



Image: The AMGEARING system features precision machined gears for smoothness and durability.

SETUP

1. Attaching the Reel to a Fishing Rod

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

2. Spooling Fishing Line

1. Open the bail arm.
2. Tie the fishing line to the spool using an arbor knot or similar secure knot. Trim any excess tag end.
3. Close the bail arm.
4. Hold the line taut and begin reeling slowly, ensuring the line lays evenly on the spool. Fill the spool to approximately 1/8 inch (3mm) from the rim to prevent line overflow and tangles. The Rocket Line Management System is designed to optimize line lay for various line types, including monofilament, braided, and fluorocarbon.

3. Adjusting the Drag System

The drag knob is located on the top of the spool. Turn it clockwise to increase drag tension and counter-clockwise to decrease it. Set the drag to approximately one-third of your line's breaking strength. This allows the line to pay out under pressure, preventing breakage.

OPERATING

1. Casting

1. Hold the rod and reel comfortably.
2. Open the bail arm with your non-reeling hand.
3. Use your index finger to hold the line against the rod.
4. Swing the rod forward, releasing the line with your index finger at the appropriate moment to cast your lure or bait.
5. Once the lure hits the water, close the bail arm manually or by turning the handle.

2. Retrieval

Turn the reel handle to retrieve your line. The 7.6:1 gear ratio provides a fast retrieve, ideal for techniques requiring high speed. Maintain a steady retrieve speed appropriate for your lure and target species.

3. Fighting a Fish

When a fish strikes, allow the drag system to work. Do not overtighten the drag, as this can lead to line breakage. Pump the rod by lifting it and then reeling down to gain line. Maintain constant pressure on the fish.

MAINTENANCE

Regular maintenance is crucial for the longevity and performance of your reel.

1. After Each Use

- Rinse the reel with fresh water to remove salt, sand, and debris. Do not submerge the reel.
- Wipe the reel dry with a soft cloth.
- Loosen the drag knob completely to relieve pressure on the drag washers during storage.

2. Periodic Lubrication

- Apply a small amount of high-quality reel oil to moving parts such as the handle knob, bail arm pivot points, and line roller.
- Apply a thin layer of reel grease to the main gear and pinion gear if you disassemble the reel for deeper cleaning. Refer to a detailed service guide or professional if unsure.

3. Storage

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

TROUBLESHOOTING

Issue	Possible Cause	Solution
Line twists or loops	Improper spooling, overfilling spool, or retrieving against drag.	Respool line correctly, do not overfill, avoid retrieving when drag is slipping.
Drag slipping or inconsistent	Drag washers are dry, worn, or contaminated.	Clean and re-grease drag washers. Replace if worn.
Handle stiffness or grinding	Lack of lubrication, dirt/debris in gears, or damaged bearings.	Clean and lubricate gears and bearings. If issue persists, professional service may be required.
Bail arm not closing properly	Debris in bail mechanism or worn spring.	Clean the bail mechanism. If spring is worn, replacement may be necessary.

SPECIFICATIONS

Feature	Detail
Brand	Abu Garcia
Model Name	Revo Rocket Spinning
Part Number	REVO3 ROCKET SP20
Size	20
Hand Orientation	Ambidextrous
Color	Red
Material	Blend (Body), Stainless Steel (Bearings)
Fishing Technique	Spinning
Item Weight	0.2 Kilograms
Gearbox Ratio	7.6:1
Special Feature	Improved Speed and Design
Bearing Type	9 Stainless Steel HPCR + 1 Roller Bearing
Fishing Reel Line Retrieve	39 Inches Per Turn (IPT) for Size 20
Line Capacity	10lb/200yds (approximate)
Manufacturer	Pure Fishing
UPC	036282106468

7.6:1 ROCKET GEAR RATIO

SIZE 20 - 39" IPT

SIZE 30 - 43" IPT

SIZE 40 - 47" IPT



Image: Rocket Gear Ratio and Inches Per Turn (IPT) for various reel sizes.

WARRANTY INFORMATION

This Abu Garcia Revo Rocket Spinning Fishing Reel is covered by a Manufacturer Warranty. For specific details regarding warranty coverage, duration, and claims procedures, please refer to the warranty documentation included with your purchase or visit the official Abu Garcia website. Keep your proof of purchase for warranty validation.

SUPPORT

Should you encounter any issues not covered in this manual or require further assistance, please contact Abu Garcia customer support. Contact information can typically be found on the product packaging or the official Abu Garcia website.