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## URQS 5712

# URQS Johnson Evinrude Starter Model 5712 Instruction Manual

Model: 5712 | Brand: URQS

## INTRODUCTION

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your URQS Johnson Evinrude Starter, Model 5712. Please read this manual thoroughly before attempting any installation or operation to ensure proper function and longevity of the product.



**Image 1:** The URQS Johnson Evinrude Starter, Model 5712. This image displays the complete starter unit, featuring its cylindrical black body, silver end cap, and the gold-colored gear assembly extending from one end. A terminal post is visible on the top of the main body.

## SPECIFICATIONS

Key technical specifications for the URQS Johnson Evinrude Starter Model 5712:

Specification	Value
Model Number	5712
Manufacturer Part Number	0255640
Voltage	12 Volts
Wattage	1.4 KW
Material	Metal
Item Weight	7 pounds
Package Dimensions	8 x 5 x 5 inches
UPC	600163460361

## INSTALLATION INSTRUCTIONS

Proper installation is crucial for the performance and safety of your starter. If you are unsure about any step, consult a qualified marine technician.

### Safety Precautions:

- Always disconnect the battery's negative terminal before beginning any electrical work.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the engine is cool before handling components.

### Installation Steps:

#### 1. Remove Old Starter:

- Locate the existing starter motor on your Johnson or Evinrude engine.
- Disconnect the main battery cable and the solenoid wire from the starter terminals. Note their positions for reinstallation.
- Unbolt the starter from the engine block. There are typically two or three mounting bolts.
- Carefully remove the old starter, ensuring no debris falls into the engine.

#### 2. Prepare New Starter:

- Inspect the new URQS starter for any visible damage.
- Ensure the mounting surfaces are clean and free of corrosion.

#### 3. Install New Starter:

- Position the new starter into the engine block, aligning the mounting holes.
- Insert and hand-tighten the mounting bolts.
- Torque the mounting bolts to the manufacturer's specifications (refer to your engine's service manual for exact values).
- Connect the main battery cable to the large terminal on the starter solenoid.
- Connect the solenoid wire to the smaller terminal on the starter solenoid.
- Ensure all electrical connections are clean and secure.

#### 4. Final Checks:

- Reconnect the battery's negative terminal.
- Verify all tools and loose items are removed from the engine compartment.

## OPERATING INSTRUCTIONS

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Once the URQS starter is correctly installed, follow these steps to operate your engine:

1. Ensure the engine's fuel supply is open and the choke (if applicable) is set according to the engine manufacturer's recommendations for starting.
2. Confirm the gear selector is in neutral or park.
3. Turn the ignition key to the "START" position. The starter motor will engage, turning the engine over.
4. Once the engine starts, immediately release the ignition key to the "RUN" position. Do not hold the key in the "START" position for more than 5-10 seconds at a time to prevent overheating the starter.
5. If the engine does not start after a few attempts, allow the starter to cool for at least 30 seconds between attempts.

*Note:* If the engine fails to start, consult the engine's owner's manual for troubleshooting steps related to fuel, ignition, or other engine systems before assuming a starter issue.

## MAINTENANCE

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Regular maintenance helps ensure the longevity and reliable performance of your URQS starter.

- **Inspect Connections:** Periodically check all electrical connections to the starter for tightness and corrosion. Clean any corroded terminals with a wire brush and apply dielectric grease.
- **Battery Condition:** Ensure your battery is fully charged and in good condition. A weak battery can strain the starter motor.
- **Mounting Bolts:** Verify that the starter's mounting bolts remain securely tightened to the engine block.
- **Environmental Protection:** If operating in harsh marine environments, consider applying a corrosion-inhibiting spray to the starter's exterior, avoiding electrical terminals.
- **Avoid Overcranking:** Do not continuously crank the engine for extended periods. This can lead to overheating and premature wear of the starter motor.

## TROUBLESHOOTING

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This section addresses common issues you might encounter with your starter. For complex problems, consult a professional technician.

Symptom	Possible Cause	Solution
Starter does not engage or click	Dead or weak battery; Loose or corroded battery cables; Faulty ignition switch; Faulty starter solenoid.	Check battery charge and terminals; Clean and tighten connections; Test ignition switch and solenoid.
Starter clicks but engine does not crank	Low battery charge; Loose battery connections; Internal starter motor fault; Engine seized.	Charge or replace battery; Clean and tighten connections; Inspect starter for damage; Check engine for seizure.
Starter cranks slowly	Weak battery; Corroded battery cables; High resistance in circuit; Incorrect starter for application.	Test battery and charging system; Clean all electrical connections; Verify starter compatibility.
Grinding noise during cranking	Damaged starter drive gear or flywheel teeth; Improper starter alignment.	Inspect starter drive and flywheel; Re-check starter mounting. Professional inspection recommended.

## WARRANTY INFORMATION

URQS products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or contact URQS customer support. Typically, warranties cover defects in materials and workmanship under normal use.

## CUSTOMER SUPPORT

If you require further assistance, have questions about installation, or need to report a product issue, please contact URQS customer support. Have your product model number (5712) and purchase details ready when contacting support.

*Contact information (example, please refer to actual product documentation for current details):*

- **Website:** [www.urqs.com](http://www.urqs.com) (hypothetical)
- **Email:** [support@urqs.com](mailto:support@urqs.com) (hypothetical)
- **Phone:** 1-800-XXX-XXXX (hypothetical)