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› Jamara 38129 Rotor Blade Pack for Invader Quadrocopter Instruction Manual

## Jamara 38129

# Jamara 38129 Rotor Blade Pack for Invader Quadrocopter Instruction Manual

Model: 38129

## 1. INTRODUCTION

This instruction manual provides essential information for the proper installation and maintenance of the Jamara 38129 Rotor Blade Pack. These replacement blades are designed for the Jamara Invader Quadrocopter (model 038100) and the Observer 2.4 GHz Quadrocopter (model 038550). Please read this manual thoroughly before installation to ensure safe and correct operation of your quadrocopter.

## 2. SAFETY INFORMATION

- **Adult Supervision:** Installation should be performed by an adult or under adult supervision.
- **Sharp Edges:** Rotor blades can have sharp edges. Handle with care to avoid injury.
- **Correct Orientation:** Always ensure rotor blades are installed with the correct orientation (A or B) as specified by your quadrocopter's original manual to prevent flight instability.
- **Secure Fastening:** Ensure all screws are securely fastened after installation. Loose blades can detach during flight, causing damage or injury.
- **Compatibility:** Use only genuine Jamara replacement parts for optimal performance and safety.
- **Age Restriction:** Not appropriate for children under the age of 3 years due to small parts and potential hazards.

## 3. PACKAGE CONTENTS

The Jamara 38129 Rotor Blade Pack contains the following items:

- 4 x Rotor Blades (2x Type A, 2x Type B, or as specified by your quadrocopter model)

## 4. SETUP AND INSTALLATION

This section details the steps for replacing the rotor blades on your Jamara Invader Quadrocopter (038100) or Observer

## 2.4 GHz Quadcopter (038550).

1. **Power Off:** Ensure your quadcopter is powered off and the battery is disconnected before beginning any installation.
2. **Identify Damaged Blade:** Locate the rotor blade that needs replacement.
3. **Remove Old Blade:** Carefully unscrew the small screw(s) holding the damaged blade to the motor shaft. Keep the screw(s) in a safe place. Gently remove the old blade.
4. **Identify New Blade Type:** Rotor blades are typically marked with an "A" or "B" (or similar indicators) to denote their rotation direction and position on the quadcopter. Match the new blade to the type of the blade you removed. Incorrect blade placement will prevent the quadcopter from flying correctly.
5. **Install New Blade:** Place the correct new rotor blade onto the motor shaft, ensuring it sits flush.
6. **Secure Blade:** Use the screw(s) removed earlier to securely fasten the new blade to the motor shaft. Do not overtighten, but ensure it is firm enough to prevent wobbling.
7. **Repeat for Other Blades:** If replacing multiple blades, repeat steps 2-6 for each.
8. **Pre-Flight Check:** Before reconnecting the battery and powering on, manually check that all new blades are securely attached and can spin freely without obstruction.



Image 1: Jamara 38129 Rotor Blade Pack. This image shows the four replacement rotor blades included in the pack, ready for installation.

## 5. OPERATING CONSIDERATIONS

While rotor blades themselves do not operate, their correct installation is crucial for the quadcopter's flight performance. After replacing blades, always perform a test flight in a safe, open area to ensure stability and responsiveness. If the quadcopter exhibits unusual behavior (e.g., tilting, excessive vibration), immediately land and re-check blade installation and orientation.

## 6. MAINTENANCE

- **Regular Inspection:** Periodically inspect all rotor blades for cracks, bends, or chips, especially after any hard landing or collision.
- **Cleaning:** Keep blades clean from dirt, dust, and debris. Use a soft, dry cloth to wipe them down.
- **Storage:** Store spare blades in a safe place to prevent damage.
- **Replacement:** Replace any damaged blade immediately. Even minor damage can significantly affect flight performance and safety.

## 7. TROUBLESHOOTING

| Problem                                 | Possible Cause  | Solution   |
|---|---|--|
| Quadcopter unstable or flips on takeoff | Incorrect blade orientation (A/B blades swapped) or loose blades. | Verify each blade is installed on the correct motor and securely fastened. Refer to your quadcopter's original manual for correct blade placement. |
| Excessive vibration during flight       | Damaged, bent, or unbalanced blade.                               | Inspect all blades for damage. Replace any damaged blades. Ensure blades are clean and free of debris.   |
| Reduced lift or poor flight performance | Worn or damaged blades.   | Replace all worn or damaged blades with new ones from the Jamara 38129 pack.   |

## 8. SPECIFICATIONS

- **Model Number:** 38129
- **Brand:** Jamara
- **Compatibility:** Jamara Invader Quadcopter (038100), Jamara Observer 2.4 GHz Quadcopter (038550)
- **Pack Contents:** 4 Pieces Rotor Blade Pack
- **Color:** Multicolor
- **Assembly Required:** No (for the blades themselves, but installation is required)
- **Manufacturer Minimum Age:** 36 months (3 years)
- **Global Trade Identification Number (GTIN):** 04042774396077

## 9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Jamara 38129 Rotor Blade Pack or compatible quadcopters, please refer to the original product documentation that came with your quadcopter or visit the official Jamara website. Keep your purchase receipt as proof of purchase for any warranty claims.

**Manufacturer:** Jamara (JAMXM)

