

## STASRC F02S

# YUXIANG F02S Airwolf RC Helicopter Landing Gear Set

## Instruction Manual

### 1. INTRODUCTION

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This manual provides essential information for the installation, operation, and maintenance of your YUXIANG F02S Airwolf RC Helicopter Landing Gear Set. This product is designed as a direct replacement part for the F02S Airwolf RC Helicopter. Please read these instructions carefully before proceeding with installation to ensure proper function and safety.

### 2. PRODUCT COMPONENTS

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The YUXIANG F02S Airwolf RC Helicopter Landing Gear Set includes the following components:

- 3 x Landing Gear Units (as pictured)



This image displays the three individual landing gear components included in the set. Each piece features a black plastic frame with a small wheel at the base, designed for easy attachment to the helicopter chassis.

### 3. SETUP AND INSTALLATION

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Follow these steps to properly install the landing gear set on your YUXIANG F02S Airwolf RC Helicopter:

1. **Preparation:** Ensure the RC helicopter is powered off and the battery is disconnected. Place the helicopter on a stable, clean surface.
2. **Remove Old Landing Gear:** Carefully identify the attachment points of the existing landing gear. Use appropriate small tools (e.g., a miniature screwdriver) to remove any screws or clips securing the old landing gear. Gently detach the damaged or old landing gear components.
3. **Inspect Attachment Points:** Before installing the new parts, inspect the helicopter's chassis for any damage or debris at the landing gear attachment points. Clean if necessary.
4. **Install New Landing Gear:** Align each new landing gear unit with its corresponding attachment point on the helicopter chassis. Ensure the orientation is correct, matching the original setup.
5. **Secure Landing Gear:** Use the original screws or clips (or new ones if provided and compatible) to firmly secure each landing gear unit. Do not overtighten, as this may strip threads or crack plastic. Ensure each piece is snug and does not wobble.
6. **Final Check:** Once all three landing gear units are installed, gently test their stability by applying light

pressure. Confirm that they are securely attached and provide a stable base for the helicopter.

**Safety Note:** Always handle small parts with care. If you are unsure about any step, consult a qualified RC hobby technician or refer to your helicopter's main instruction manual.

## 4. OPERATING CONSIDERATIONS

After installing the new landing gear, consider the following for optimal performance:

- **Pre-Flight Inspection:** Before each flight, visually inspect the landing gear for any signs of looseness, cracks, or damage. Ensure all attachment points remain secure.
- **Landing Surface:** While the landing gear is designed for durability, consistently landing on rough or hard surfaces can accelerate wear. Aim for smooth, level landing areas.
- **Impact Absorption:** The landing gear is crucial for absorbing impact during landings. If hard landings occur, re-inspect the gear for structural integrity.

## 5. MAINTENANCE

Regular maintenance helps prolong the life of your landing gear:

- **Cleaning:** Periodically clean the landing gear to remove dirt, dust, or debris that may accumulate, especially around the wheels and attachment points. Use a soft, dry cloth or a small brush.
- **Inspection:** After every few flights, or after any significant impact, thoroughly inspect the landing gear for any hairline cracks, bends, or signs of stress. Pay close attention to the joints and the wheel axles.
- **Fastener Check:** Ensure all screws or fasteners holding the landing gear in place are tight. Retighten gently if necessary.

## 6. TROUBLESHOOTING

If you encounter issues with your landing gear, consider the following:

- **Landing Gear Feels Loose:** Recheck all attachment screws. Ensure they are tightened appropriately. If the plastic housing is stripped, replacement may be necessary.
- **Helicopter Unstable on Ground:** Verify that all three landing gear units are installed correctly and are not bent or damaged. Ensure they are making even contact with the ground.
- **Wheel Not Spinning Freely:** Check for debris lodged in the wheel axle. Clean thoroughly. If the wheel is damaged or bent, the unit may need replacement.
- **Visible Cracks or Damage:** Any significant cracks or structural damage to the landing gear components warrant immediate replacement to prevent further issues during flight.

## 7. SPECIFICATIONS

<b>Product Name</b>	YUXIANG F02S Airwolf RC Helicopter Landing Gear Set
<b>Compatibility</b>	YUXIANG F02S Airwolf RC Helicopter
<b>Material</b>	High-quality durable plastic
<b>Dimensions (approx.)</b>	3 x 2 x 1 inches (per unit, assembled)
<b>Manufacturer</b>	YUXIANG

## 8. WARRANTY AND SUPPORT

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For warranty information and customer support regarding this product, please refer to the original purchase documentation or contact the seller directly. Specific warranty terms may vary depending on the retailer and region of purchase.