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› [HAWK'S WORK](#) /

› HAWK'S WORK RC Cessna Z50 and RC Eagle Z59 Propellers & Wheels Instruction Manual

HAWK'S WORK Z50, Z59

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FOR MODELS: Z50, Z59

Brand: HAWK'S WORK

1. Introduction

This manual provides essential instructions for the installation, operation, and maintenance of your HAWK'S WORK replacement propellers and wheels. These parts are specifically designed for use with HAWK'S WORK RC Cessna Z50 and RC Eagle Z59 remote-controlled aircraft.

Please ensure these parts meet your aircraft's requirements before installation. For optimal performance and safety, always follow the instructions carefully.

2. What's in the Box

- 2 left propellers
- 2 right propellers
- 2 wheels

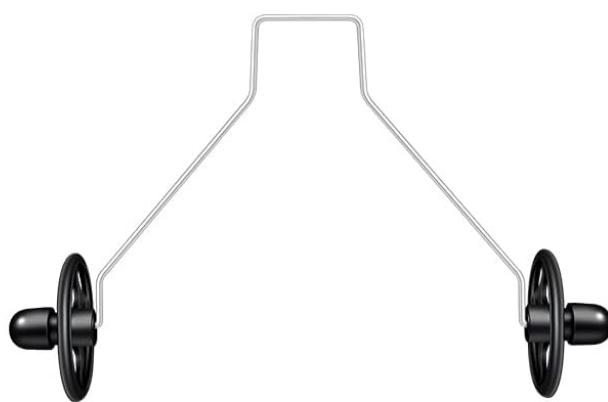
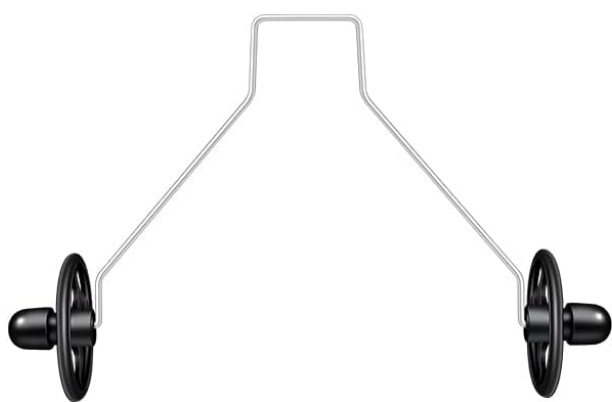


Image 2.1: Contents of the HAWK'S WORK Propellers & Wheels package, showing two pairs of propellers and two pairs of landing gear wheels.

3. Setup and Installation

The propellers and wheels are designed for easy replacement on your compatible HAWK'S WORK RC aircraft. Ensure your aircraft is powered off and the battery is disconnected before beginning installation.

3.1 Propeller Installation

1. Identify the correct left and right propellers. They are typically marked or have a distinct shape.
2. Carefully remove any damaged propellers from the motor shafts.
3. Align the new propeller with the motor shaft and gently push it into place until secure. Do not force it.
4. Ensure the propeller spins freely without obstruction.

3.2 Landing Gear (Wheels) Installation

1. Locate the designated slots or attachment points on the underside of your RC aircraft for the landing gear.
2. Insert the wire ends of the landing gear into these slots.
3. Ensure the wheels are securely attached and can rotate freely.

2 Channle Z-Series Glider



Image 3.1: Example of compatible RC Cessna Z50 aircraft (red and blue versions).



Image 3.2: Example of compatible RC Eagle Z59 aircraft.

3.3 Visual Guide for Assembly

Video 3.3: This video from HAWK'S WORK demonstrates the assembly of an RC plane, including the installation of propellers and landing gear. While the specific model shown is a P-51D Mustang, the general principles for attaching these components are applicable to the Cessna Z50 and Eagle Z59.

Video 3.4: This seller video shows the assembly process for a remote-controlled glider aircraft, including the attachment of propellers and landing gear. The visual steps can be used as a general guide for installing these parts on compatible HAWK'S WORK RC planes.

4. Operating Instructions

Once the propellers and wheels are correctly installed on your HAWK'S WORK RC Cessna Z50 or RC Eagle Z59, you can proceed with operating your aircraft. The wheels facilitate smooth take-offs and landings from flat surfaces, while the propellers provide the necessary thrust for flight.

4.1 Take-off

Place the aircraft on a wide, flat surface. Gradually increase throttle to gain speed. The wheels will allow the aircraft to roll until it reaches sufficient lift for take-off. Alternatively, for hand-thrown models, ensure propellers are spinning before gently launching the aircraft into the wind.

4.2 Flight

Use the remote control to manage throttle and direction. The propellers provide forward thrust, and differential thrust (if applicable to your model) or control surfaces will guide the aircraft.

4.3 Landing

Reduce throttle and guide the aircraft towards a flat landing area. The wheels will absorb the impact and allow for a smooth rollout. Practice gentle descents to avoid damage.

4.4 Flight Demonstration

Video 4.4: This HAWK'S WORK video showcases an RC plane in flight, demonstrating take-off and general maneuverability. This provides a visual reference for operating your aircraft with the installed propellers and landing gear.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your propellers and wheels.

5.1 Inspection

Before each flight, inspect propellers for cracks, chips, or bends. Check wheels and landing gear for any damage, looseness, or deformation. Ensure all connections are secure.

5.2 Cleaning

Gently clean propellers and wheels with a soft, dry cloth to remove dirt or debris. Avoid using harsh chemicals that could damage the materials.

5.3 Replacement

Replace any damaged propellers or wheels immediately. Flying with damaged components can lead to poor performance or further damage to the aircraft. Spare parts are included in the package.

6. Troubleshooting

Here are some common issues and their solutions:

6.1 Wheels Fall Off or Bend

Issue: Wheels detach or bend during use or after a crash.

Solution: Reattach the wheels securely. If bent, attempt to gently straighten the wire landing gear. If severely damaged or repeatedly detaching, replace the landing gear with a new set. The product description notes that wheels may fall off or bend in a crash, indicating this is a known occurrence.

6.2 Propellers Not Spinning Correctly

Issue: Propellers are loose, obstructed, or not providing adequate thrust.

Solution: Ensure propellers are firmly attached to the motor shafts. Check for any debris or foreign objects obstructing their rotation. If a propeller is cracked or chipped, replace it immediately.

7. Specifications

- **Product Dimensions:** 1.92 x 0.32 x 0.28 inches
- **Item Weight:** 0.352 ounces
- **Item Model Number:** Z50
- **Manufacturer Recommended Age:** 8 years and up
- **Manufacturer:** HAWK'S WORK

8. Warranty and Support

For any questions, concerns, or to inquire about additional accessories for your HAWK'S WORK RC Cessna Z50 or RC Eagle Z59, please contact HAWK'S WORK customer support. Refer to your product packaging or the retailer's website for specific contact details.