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### UGEARS 70047

# UGEARS Wolf-01 Handgun 3D Wooden Puzzle Instruction Manual

Model: 70047

## 1. INTRODUCTION

The UGEARS Wolf-01 Handgun is a mechanical 3D wooden puzzle designed for assembly. This model functions as a rubber band shooter, offering an engaging building experience and interactive play. It is crafted from high-quality, laser-cut wooden pieces that fit together without the need for glue.



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Image 1: The fully assembled UGEARS Wolf-01 Handgun model, shown alongside spare rubber bands and a small wooden part.

## 2. SAFETY INFORMATION

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- **Eye Protection:** Always wear protective eyewear (glasses) when operating the rubber band handgun to prevent eye injury.
- **Supervision:** Adult supervision is recommended, especially for younger users, during both assembly and operation.
- **Target Safely:** Never aim the rubber band handgun at people, animals, or fragile objects. Use appropriate targets in a safe environment.
- **Small Parts:** This kit contains small parts that may pose a choking hazard for young children. Keep out of reach of children under 3 years old.
- **Proper Use:** Use only the recommended rubber bands (60 x 1.5 mm caliber) with this model. Do not modify the model or use other projectiles.



Image 2: Detail of the model showing the engraved safety reminder: "USE ONLY WITH GLASSES!".

## 3. PACKAGE CONTENTS

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The UGEARS Wolf-01 Handgun kit includes:

- Laser-cut wooden sheets with all necessary parts.
- Rubber bands (60 x 1.5 mm caliber).
- Wax for lubricating moving parts.
- Detailed assembly instructions.





*Image 3: The product packaging, indicating the contents of the kit.*

## 4. ASSEMBLY INSTRUCTIONS

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Follow the step-by-step instructions provided in the kit for a smooth assembly experience. No glue is required; all parts are designed to interlock precisely. Assembly typically takes 60-90 minutes.

1. Carefully detach all wooden pieces from the sheets. Use fine sandpaper (not included) if necessary to smooth edges.
2. Refer to the illustrated manual for the correct sequence of assembly.
3. Apply wax to moving gears and connections as indicated in the instructions to ensure smooth operation.
4. Ensure all connections are secure before proceeding to the next step.



## 5. OPERATING INSTRUCTIONS

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### 5.1 Loading Rubber Bands

1. Ensure the safety mechanism is engaged (if applicable, refer to your specific model's instructions).
2. Place the rubber bands over the designated loading points on the top of the model, stretching them towards the front.
3. Secure each rubber band onto the front mechanism. The model can hold multiple rubber bands for sequential firing.



Image 5: A person's hands demonstrating how to load rubber bands onto the top of the handgun model.

### 5.2 Firing the Handgun

1. Point the handgun at a safe target, ensuring no people or animals are in the line of fire.
2. Disengage the safety mechanism.
3. Gently pull the trigger to release one rubber band. The mechanical action allows for rapid, sequential firing.





*Image 6: A person holding the assembled handgun, demonstrating the firing stance.*

### **5.3 Storage Compartment**

The model features an integrated pull-down drawer in the handle, designed for storing extra rubber bands. To access, gently pull down the bottom part of the handle.



Image 7: The handgun with its handle compartment open, showing stored rubber bands.

## 5.4 Official Product Video

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Video 1: An official product video from UGEARS USA demonstrating the assembly and operation of the Wolf-01 Handgun.

## 6. MAINTENANCE

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- **Lubrication:** Periodically apply wax to moving parts, especially gears and sliding mechanisms, to maintain smooth operation.
- **Cleaning:** Wipe the wooden surfaces with a dry, soft cloth. Avoid using water or chemical cleaners, as they can damage the wood.
- **Storage:** Store the model in a dry environment away from direct sunlight and extreme temperature changes to prevent warping or damage to the wood.
- **Rubber Band Replacement:** Replace worn or broken rubber bands with new ones of the correct size (60 x 1.5 mm caliber) to ensure optimal performance.

## 7. TROUBLESHOOTING

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- **Parts Not Fitting:** If a wooden piece does not fit easily, do not force it. Check the instructions to ensure it is the correct piece and orientation. Lightly sand the edges if necessary.
- **Stiff Mechanisms:** If parts feel stiff or do not move smoothly, ensure adequate wax has been applied to all contact points as per the assembly instructions.

- **Rubber Bands Not Firing:** Check that the rubber bands are correctly loaded and seated on the firing mechanism. Ensure the trigger mechanism is fully reset.
- **Damaged Parts:** In case of damaged parts during assembly, refer to the manufacturer's support information for possible replacement options.

## 8. SPECIFICATIONS

Feature	Detail
Product Dimensions	14.57 x 6.69 x 1.18 inches
Item Weight	14.3 ounces
Model Number	70047
Recommended Age	14 years and up
Material	High-quality Plywood
Rubber Band Caliber	60 x 1.5 mm

## 9. WARRANTY AND SUPPORT

For warranty information, replacement parts, or additional support, please refer to the contact information provided in your product packaging or visit the official UGEARS website. Keep your proof of purchase for any warranty claims.