

UGEARS 70035

UGEARS U-Fidgets-Ships Mechanical Wooden 3D Puzzle Set

Model: 70035

INTRODUCTION

This instruction manual provides detailed guidance for assembling and interacting with your UGEARS U-Fidgets-Ships Mechanical Wooden 3D Puzzle Set. This set includes four miniature wooden models: a Sailing Yacht, a Sailboat, a Boat, and a Submarine. These models are designed for self-assembly without the need for glue or special tools, offering an engaging and rewarding building experience. Please read all instructions carefully before beginning assembly to ensure a smooth and enjoyable process.

SAFETY INFORMATION

- **Small Parts Warning:** This product contains small parts and is not suitable for children under 3 years of age due to choking hazards.
- **Material:** Models are made from natural wood. Handle with care to avoid splinters.
- **Assembly Environment:** Assemble in a well-lit, clean, and organized area to prevent loss of small components.
- **Supervision:** Adult supervision is recommended for younger builders.

PACKAGE CONTENTS

Your UGEARS U-Fidgets-Ships set includes:

- Laser-cut wooden sheets containing all model components.
- Detailed graphical assembly instructions for each model.

Note: No additional tools or glue are required for assembly.

SETUP AND ASSEMBLY

Follow these general steps for assembling your UGEARS models. Refer to the specific graphical instructions included in your package for detailed, model-specific steps.

General Assembly Guidelines:

1. **Unpack:** Carefully remove the wooden sheets from the packaging.
2. **Identify Parts:** Familiarize yourself with the parts layout on the wooden sheets and cross-reference with the instruction diagrams.
3. **Remove Parts:** Gently press out the parts from the wooden sheets. If a part is difficult to remove, use a small, blunt object (like a toothpick) to push it out from the back. Avoid forcing parts to prevent damage.
4. **Smooth Edges (Optional):** Some parts may have small burrs from the laser cutting process. These can be gently smoothed with fine-grit sandpaper if necessary, though it is often not required for these smaller models.
5. **Connect Parts:** Follow the numbered steps in the graphical instructions. Parts are designed to fit snugly. Ensure correct orientation before pressing parts together.
6. **Test Mechanisms:** For models with moving parts or gears, periodically test the mechanism during assembly to ensure smooth operation. Do not force moving parts if they stick; re-check alignment.



Image: An assembled UGEARS wooden ship model held in hands, illustrating the scale and detail of the finished product.

Model-Specific Assembly:

Each of the four models (Sailing Yacht, Sailboat, Boat, Submarine) has its own unique assembly sequence. Refer to the dedicated diagrams for each ship provided within your package. The estimated assembly time for each miniature model is approximately 20 minutes.



Image: The complete set of four UGEARS U-Fidgets-Ships models after assembly.

OPERATING THE MODELS

Once assembled, these U-Fidgets-Ships are designed for tactile interaction and display. Some models feature small, functional gears or moving elements. Gently manipulate these parts to observe their mechanical action.

- **Display:** Place your finished models on a flat, stable surface.
- **Interaction:** For models with gears or movable components, gently turn or adjust them by hand. Avoid excessive force to prevent damage to the delicate wooden parts.

MAINTENANCE

To ensure the longevity and appearance of your UGEARS models:

- **Cleaning:** Dust the models regularly with a soft, dry cloth or a soft brush. Do not use water or chemical cleaners, as these can damage the wood.
- **Storage:** Store models in a dry environment, away from direct sunlight and extreme temperature fluctuations, which can cause the wood to warp or crack.
- **Avoid Moisture:** Keep models away from high humidity or liquids.

TROUBLESHOOTING

If you encounter any issues during assembly or operation, consider the following:

- **Parts Not Fitting:** Ensure you are using the correct parts for the current step. Check the orientation of the parts. If a part is slightly tight, gentle pressure or a very slight sanding of the connecting tab may help. Do not force.
- **Moving Parts Sticking:** Re-check the assembly steps for the specific mechanism. Ensure all connecting points are fully engaged and that no excess material (like wood dust) is obstructing movement.
- **Missing or Damaged Parts:** If you find a part is missing or damaged upon opening the package, please contact UGEARS customer support.

SPECIFICATIONS

Feature	Detail
Product Name	U-Fidgets-Ships Mechanical Wooden 3D Puzzle Set
Model Number	70035

Brand	UGEARS
Material	High-quality Plywood
Number of Models	4 (Sailing Yacht, Sailboat, Boat, Submarine)
Number of Parts	Approximately 10 per model
Estimated Assembly Time	~20 minutes per model
Difficulty Level	Easy
Assembled Size (approx.)	0.4" x 1.6" x 2.8" (per model, varies slightly)
Product Dimensions (Package)	3.94 x 2.95 x 0.63 inches
Item Weight (Package)	1.76 ounces (0.2 lbs)
Recommended Age	Recommended for ages 10 and up

Note: The manufacturer-provided age of "36 months - 3 years" appears inconsistent with the product's complexity and small parts. Based on product nature and customer reviews, this model is generally recommended for ages 10 and up.

WARRANTY INFORMATION

UGEARS products are manufactured to high-quality standards. While specific warranty details are not provided in this manual, UGEARS typically offers support for manufacturing defects and missing parts. Please retain your proof of purchase.

For detailed warranty terms and conditions, please refer to the official UGEARS website or contact their customer service directly.

CUSTOMER SUPPORT


Should you require further assistance, have questions about assembly, or need to report a missing/damaged part, please visit the official UGEARS website:






[UGEARS Official Website](#)

You may also find helpful tips and community support through online forums dedicated to UGEARS models.

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Related Documents - 70035

	<p>UGEARS Tower Windmill: 3D Mechanical Model Assembly Guide</p> <p>Detailed assembly instructions for the UGEARS Tower Windmill, a 3D mechanical wooden puzzle kit. Learn how to build this intricate, self-assembling model with no glue required, perfect for STEM education and hobbyists.</p>
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	<p><u>UGEARS Timer (20 minutes) Mechanical Model Assembly Instructions</u></p> <p>A comprehensive guide to assembling the UGEARS Timer (20 minutes) mechanical model. This document provides step-by-step instructions, troubleshooting tips, and information on the product's features, all in an accessible and SEO-optimized HTML format.</p>
	<p><u>UGEARS Marble Run Spiral Hoist Mechanical Model Assembly Instructions</u></p> <p>Detailed assembly instructions for the UGEARS Marble Run Spiral Hoist, a mechanical wooden model kit. Learn how to build this intricate model step-by-step.</p>
	<p><u>UGEARS Safe Mechanical Model Assembly Instructions</u></p> <p>Step-by-step guide for assembling the UGEARS Safe mechanical model. This document provides detailed instructions, including textual descriptions of diagrams, to help users build their own intricate wooden safe. Learn how to assemble the model, set the combination lock, and operate the safe.</p>
	<p><u>UGEARS Bike VM-02 Assembly Instructions - Mechanical 3D Wooden Model Kit</u></p> <p>Detailed, step-by-step assembly instructions for the UGEARS Bike VM-02, a mechanical 3D wooden model kit. Learn how to build this glue-free, self-assembly puzzle with clear textual descriptions of all diagrams.</p>
	<p><u>UGEARS Tram on Rails: Mechanical Model Assembly Instructions</u></p> <p>Step-by-step assembly guide for the UGEARS Tram on Rails, a detailed 3D mechanical wooden puzzle model. Learn how to build this intricate engineering toy.</p>