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› UGEARS Battlefield Dozor B Combat Vehicle 3D Wooden Puzzle Instruction Manual

UGEARS 70190

UGEARS Battlefield Dozor B Combat Vehicle 3D Wooden Puzzle Instruction Manual

Model: 70190

INTRODUCTION

This manual provides detailed instructions for assembling, operating, and maintaining your UGEARS Battlefield Dozor B Combat Vehicle 3D Wooden Puzzle. The Dozor-B is a miniature armored personnel carrier model, featuring intricate mechanical functions.



Image: The fully assembled UGEARS Battlefield Dozor B Combat Vehicle model.

SAFETY INFORMATION

- Recommended for ages 14 and up.
- Keep small parts away from young children to prevent choking hazards.
- Handle wooden parts carefully to avoid splinters.
- Do not apply excessive force during assembly.

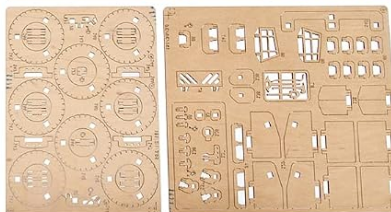
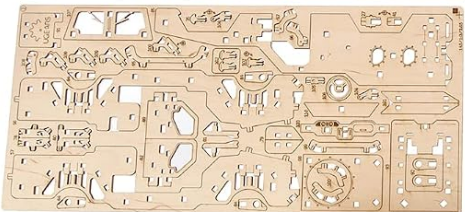
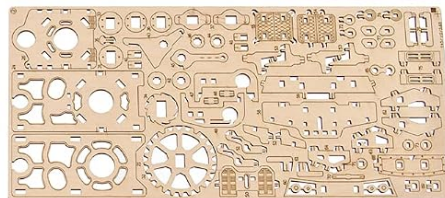
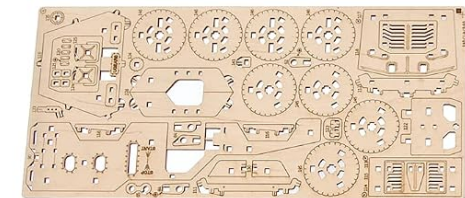
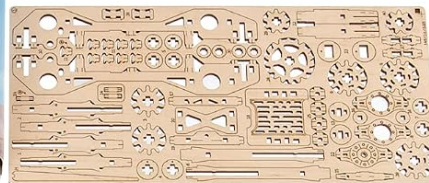
WHAT'S IN THE BOX

Your UGEARS Battlefield Dozor B Combat Vehicle kit includes:

- Plywood boards with laser pre-cut parts
- Rubber bands

- Metal spring
- Brown cord
- Paraffin wax
- Sandpaper
- Illustrated instructions in multiple languages

ILLUSTRATED INSTRUCTIONS IN 11 LANGUAGES



LASER PRE-CUT PLYWOOD BOARDS



EVERYTHING IN THE BOX

Image: All components included in the UGEARS Dozor B Combat Vehicle kit.

ASSEMBLY INSTRUCTIONS

Assembly of the Dozor B model is a medium difficulty project, typically requiring approximately 8 hours. No glue or additional tools are required beyond what is provided in the kit.

1. **Preparation:** Carefully remove all parts from the plywood boards. Use the provided sandpaper to lightly smooth any rough edges if necessary.
2. **Follow Illustrated Instructions:** Refer to the detailed, step-by-step illustrated instructions provided in the box. Pay close attention to the orientation of each piece.

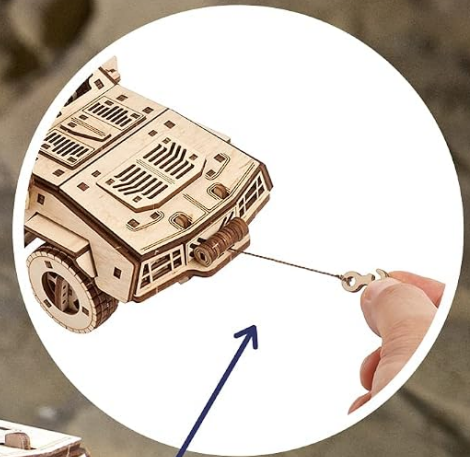
3. **Lubrication:** For optimal function, lightly lubricate all moving gears and parts with the provided paraffin wax. This ensures smooth operation of the mechanical elements.
4. **Interlocking Parts:** Assemble parts by gently pressing them together. Avoid excessive force. If a part does not fit, re-check the instructions and ensure no burrs are present.
5. **Spring Motor Assembly:** Follow the specific instructions for assembling the spring motor. This is a critical component for the model's movement.
6. **Final Checks:** Once assembled, test all moving parts, including the wheels, doors, and winch, to ensure they operate freely.



Image: A close-up of hands assembling a wooden component, demonstrating the interlocking design.

UKRAINIAN ARMORED PERSONNEL CARRIER

HAS A WORKING WINCH
FOR SELF-RECOVERY



A SPRING MOTOR
ALLOWS TO TRAVEL
UP TO 8 METERS

ALL-WHEEL DRIVE,
AND FULL SUSPENSION

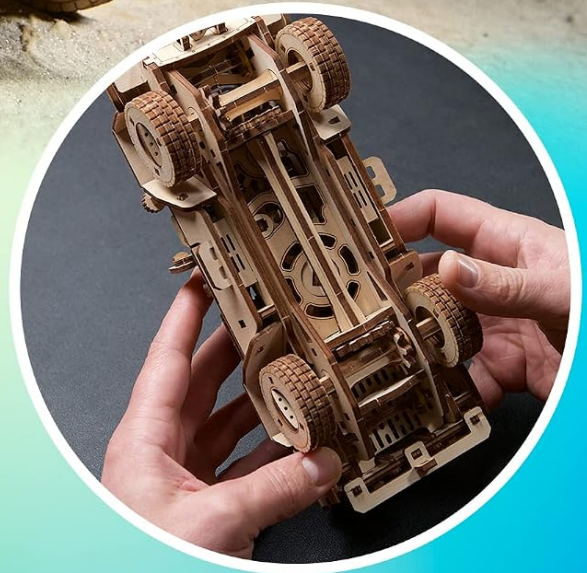


Image: The UGEARS Dozor B model highlighting its internal mechanical structure and functional winch.

OPERATING THE MODEL

The UGEARS Dozor B Combat Vehicle features a spring motor, all-wheel drive, full suspension, and a working winch.

- **Winding the Motor:** Locate the winding mechanism for the spring motor. Turn it carefully according to the instructions until the spring is fully wound. Do not overwind.
- **Movement:** Release the brake mechanism to allow the model to move. The spring motor enables the vehicle to travel up to 8 meters (26 feet) on a flat surface.
- **Winch Operation:** The front-mounted winch is functional. It can be used for self-recovery or to pull small objects. Operate the winch by turning its mechanism.
- **Doors and Suspension:** The model features opening doors and a fully functional suspension system, enhancing its realistic movement over uneven surfaces.

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Video: A demonstration of the UGEARS Dozor B Combat Vehicle's movement and features, including its spring motor and working winch.



Image: The UGEARS Dozor B model showcasing its all-wheel drive and suspension on a terrain-like surface.

MAINTENANCE

To ensure the longevity and smooth operation of your UGEARS model, follow these maintenance guidelines:

- **Cleaning:** Use a dry, soft cloth to gently wipe dust from the model. Avoid using water or cleaning solutions, as they can damage the wood.
- **Lubrication:** If the mechanical parts begin to stiffen or operate less smoothly over time, re-apply paraffin wax to the gears and moving joints.
- **Storage:** Store the model in a dry environment, away from direct sunlight and extreme temperature fluctuations, which can cause the wood to warp or crack.
- **Handling:** Handle the model with care to prevent accidental breakage of delicate parts.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Model does not move or moves slowly.	Spring motor not fully wound, parts not lubricated, or friction.	Ensure the spring motor is fully wound. Apply paraffin wax to all moving gears and joints. Check for any misaligned parts causing friction.
Parts are loose or fall off.	Incorrect assembly or parts not fully seated.	Refer to the instruction manual to verify correct part placement and ensure all connections are secure.
Winch does not operate smoothly.	Cord tangled or winch mechanism not lubricated.	Untangle the cord. Apply paraffin wax to the winch gears and moving parts.

SPECIFICATIONS

Feature	Detail
Product Dimensions	10.24 x 4.33 x 0.04 inches
Item Weight	1.72 pounds
Model Number	70190
Manufacturer Recommended Age	14 years and up
Number of Parts	300
Estimated Assembly Time	8 hours
Movement Mechanism	Spring motor, all-wheel drive
Max Travel Distance	Up to 8 meters (26 feet)

WARRANTY AND SUPPORT

For any questions regarding assembly, missing parts, or product functionality, please contact UGEARS customer support. While specific warranty details are not provided in this manual, UGEARS typically offers support for their products. You can find more information and contact details on the official UGEARS website or their Amazon store page[UGEARS Amazon Store](#).

