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› PANLOS 933 PCS Robot Model Vehicles Set Instruction Manual

PANLOS 933 PCS Robot Model Vehicles Set

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Model: 933 PCS Robot Model Vehicles Set

Brand: PANLOS

1. IMPORTANT SAFETY INFORMATION

Please read this section carefully before assembly and use of the PANLOS 933 PCS Robot Model Vehicles Set. This product is designed for educational and recreational purposes.

- **Age Recommendation:** This building block set is recommended for ages 6 months and up. Adult supervision is advised for younger children during assembly and play.
- **Material Safety:** The building blocks are constructed from premium quality ABS materials. They are non-toxic, BPA-free, and designed to be safe for children.
- **Small Parts Warning:** This set contains small parts which may pose a choking hazard for children under 3 years of age. Keep all un-assembled or loose parts away from infants and toddlers.
- **Cleaning:** Blocks can be washed and cleaned with hot or cold water. Ensure all parts are dry before storage.

6+
AGES

**YOUR CHILD'S
SAFETY IS PARAMOUNT**



Figure 1: Safety information indicating non-toxic and BPA-free materials, alongside assembled models.

2. PRODUCT OVERVIEW

The PANLOS 933 PCS Robot Model Vehicles Set is an 8-in-1 building block kit designed to create eight distinct vehicle models and transform them into eight corresponding robot models. This set encourages development of hand-eye coordination, manipulation skills, logical thinking, and problem-solving abilities through STEM principles.

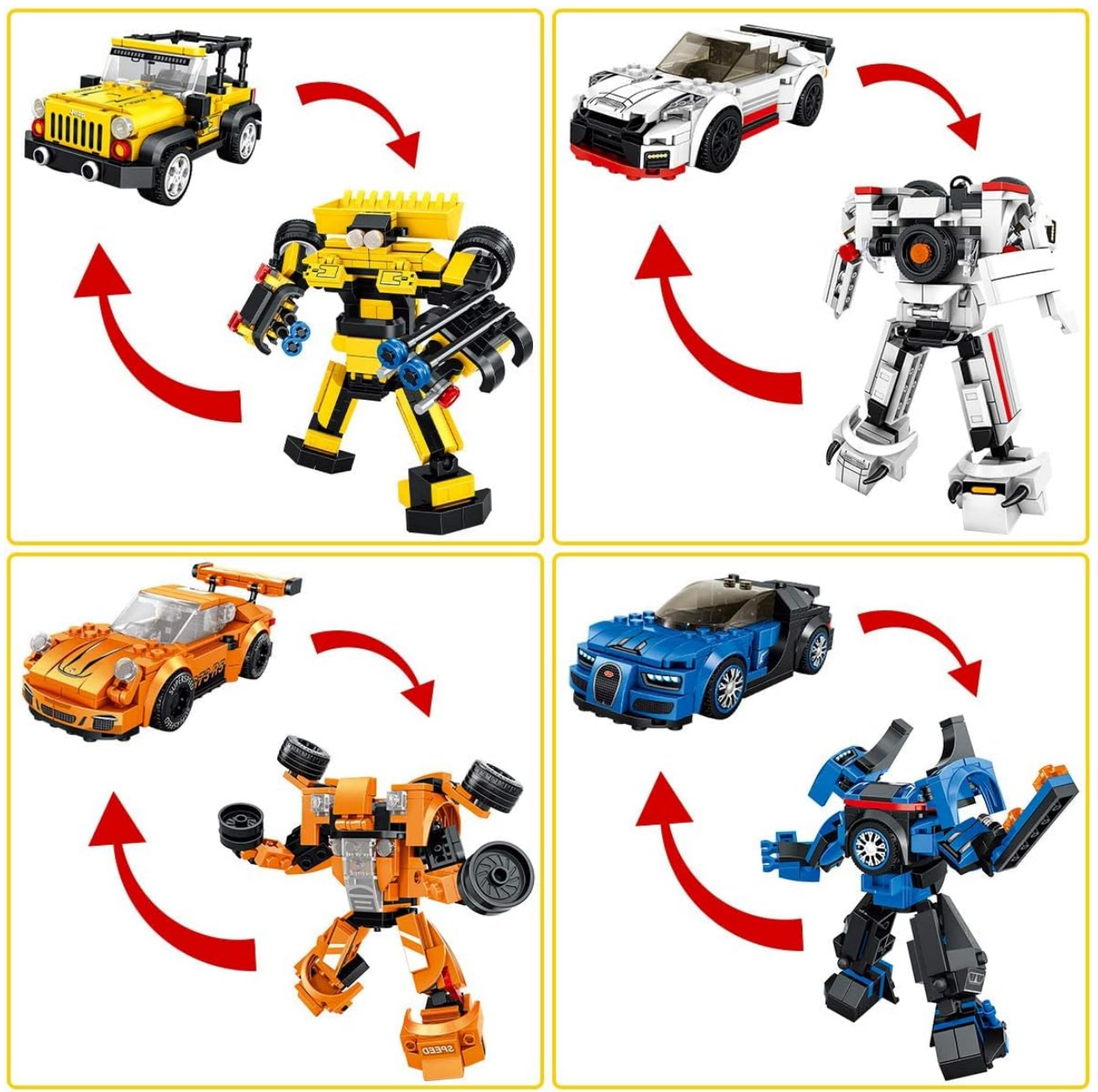


Figure 2: Overview of the 8-in-1 transformation capability, illustrating various vehicle and robot forms.

3. SETUP AND ASSEMBLY

3.1 Unpacking the Set

1. Carefully open the product packaging.
2. Remove all building block bags and the instruction manual from the box.
3. Verify that all 933 pieces are present by comparing them against the parts list provided in the included paper manual. If any parts are missing, refer to the Troubleshooting section.

3.2 General Assembly Instructions

This set allows for the construction of eight different vehicle models, each capable of transforming into a robot. Follow the detailed step-by-step instructions provided in the physical manual included with your set for each specific model. The general process involves:

1. **Sorting:** Organize the building blocks by color, size, or type to facilitate easier assembly.

2. **Following Steps:** Refer to the numbered steps in the manual. Each step illustrates which pieces to use and where to attach them.
3. **Connecting Pieces:** Ensure pieces are firmly pressed together to create stable connections.
4. **Verification:** Periodically check your progress against the images in the manual to ensure correct assembly.



Figure 3: Example of assembly process, showing a child and adult engaging with the building blocks.



Figure 4: A child demonstrating the assembly of an orange robot model.

4. OPERATING YOUR MODEL

4.1 Transforming Vehicles to Robots

Each vehicle model in this set is designed for transformation into a robot. The transformation process is unique to each model and is detailed in the included paper instruction manual. Generally, transformation involves:

- **Identifying Pivot Points:** Locate the joints and connection points that allow for movement and reconfiguration.
- **Folding and Extending:** Carefully fold or extend parts of the vehicle to form the robot's limbs, torso, and head.
- **Securing Connections:** Ensure all transformed parts are securely connected to maintain the robot's stability.

Refer to the specific transformation steps for each model in your manual. Gentle handling is recommended during transformation to prevent damage to the blocks.

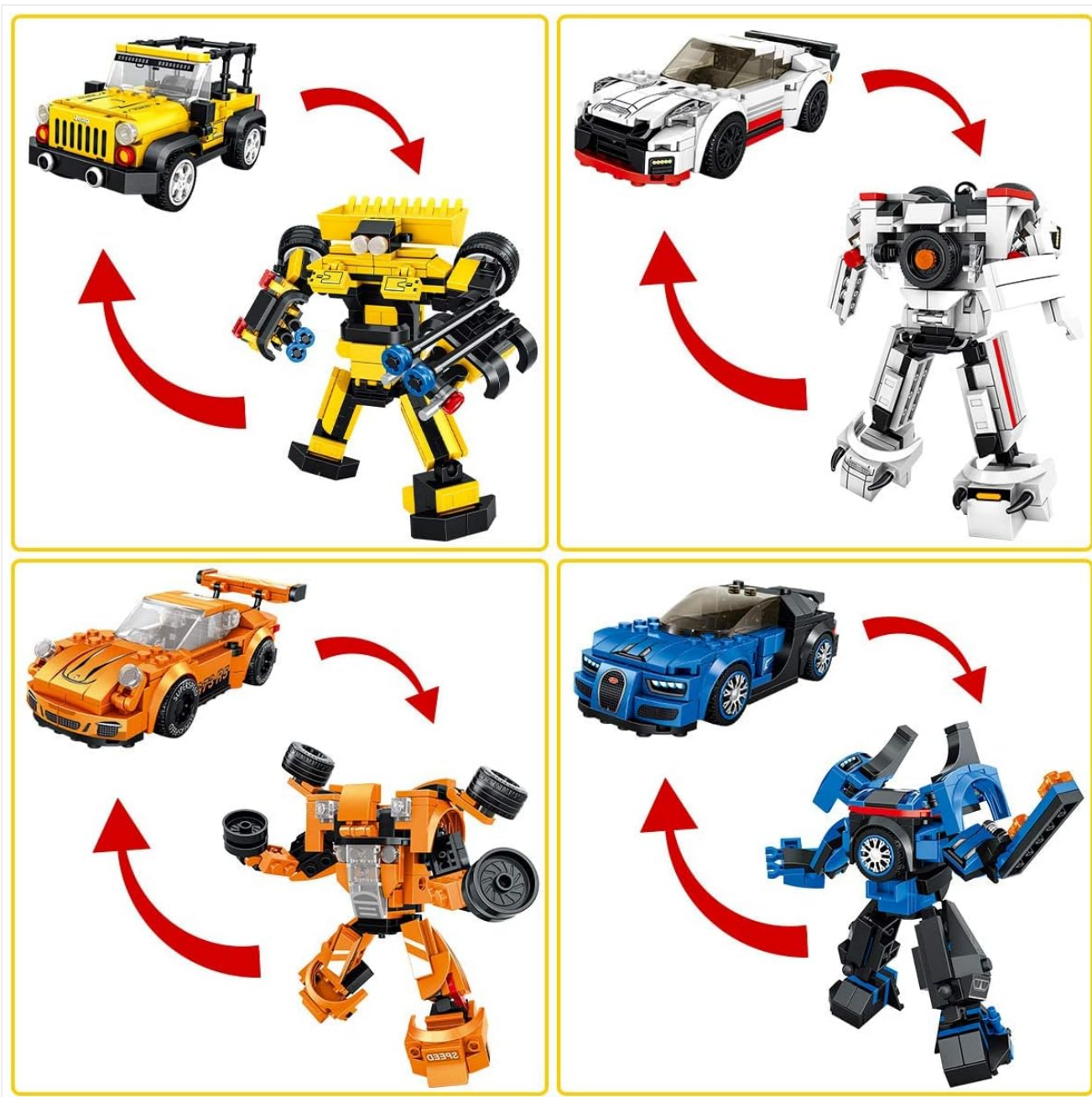


Figure 5: Visual representation of the transformation process from vehicle to robot for multiple models.

5. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and cleanliness of your PANLOS building block set.

- **Cleaning:** To clean the blocks, use a soft cloth dampened with water. For more thorough cleaning, blocks can be washed with mild soap and water. Rinse thoroughly and allow to air dry completely before reassembly or storage. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the building blocks and assembled models in a clean, dry place away from direct sunlight and extreme temperatures. Keeping them in their original box or a dedicated storage container can help prevent loss of pieces and protect them from dust.
- **Handling:** Handle assembled models with care to avoid accidental disassembly.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your building block set.

- **Missing Pieces:** If you find any pieces missing upon opening the set, first double-check all packaging materials and the assembly area. If pieces are still missing, please contact customer support with details of the missing parts.
- **Difficulty Connecting Blocks:** Ensure blocks are aligned correctly before applying pressure. Some new blocks may require slightly more force to connect initially. If a block consistently fails to connect or is too loose, inspect it for any manufacturing defects.
- **Model Instability:** If an assembled model feels unstable, review the last few assembly steps in the manual to ensure all connections are firm and correct. Incorrectly placed or loosely connected blocks can affect structural integrity.

7. SPECIFICATIONS

Detailed specifications for the PANLOS 933 PCS Robot Model Vehicles Set.

Feature	Detail
Educational Objective(s)	STEM
Number of pieces	933
Assembly Required	Yes
Batteries Required?	No
Batteries Included?	No
Material Type(s)	Plastic
Colour	Multicolored
Manufacturer recommended age	6 months and up
Manufacturer reference	YMS661001
Product Dimensions	8.38 x 5.59 x 14.48 cm; 757.5 g
ASIN	B087N9SXRR
Item weight	757 g
Item dimensions L x W x H	8.4 x 5.6 x 14.5 centimetres



Figure 6: Product dimensions and scale of various assembled models.

8. WARRANTY INFORMATION

PANLOS is committed to providing high-quality products. While specific warranty details are not provided in this manual, we encourage customers to retain their proof of purchase. For any concerns regarding product quality or defects, please contact customer support.

9. CUSTOMER SUPPORT

For assistance with assembly, missing parts, or any other product-related inquiries, please refer to the contact information provided on the product packaging or the official PANLOS website. Our customer support team is available to help ensure your satisfaction with the PANLOS 933 PCS Robot Model Vehicles Set.

