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› [Sprstar Magnetic Transform Engineering Car Assembly Toy \(Model DE1001\) Instruction Manual](#)

Sprstar DE1001

Sprstar Magnetic Transform Engineering Car Assembly Toy (Model DE1001) Instruction Manual

Brand: Sprstar | Model: DE1001

INTRODUCTION

This instruction manual provides detailed guidance for assembling and operating the Sprstar Magnetic Transform Engineering Car Assembly Toy. Designed to enhance fine motor skills, problem-solving abilities, and imaginative play, this toy set allows children to construct various engineering vehicles and transform them into a robot using magnetic connections.

SAFETY INFORMATION

Please read and understand all safety information before allowing children to play with this toy. This product is intended for children aged 3-8 years. Adult supervision is recommended during play.

- **Small Parts Warning:** This toy contains small magnetic parts which could pose a choking hazard for children under 3 years of age. Keep all components away from infants and toddlers.
- **Magnetic Safety:** Ensure all magnetic components remain intact. Ingested magnets can cause serious injury. Seek immediate medical attention if magnets are swallowed.
- **Material Safety:** The toys are made from harmless ABS material with smooth, burr-free corners to ensure a safe and comfortable play experience.
- **Avoid Misuse:** Do not throw, drop from excessive heights, or apply excessive force to the toys, as this may cause damage or injury.

WHAT'S INCLUDED

The Sprstar Magnetic Transform Engineering Car Assembly Toy set includes 35 pieces, allowing for the construction of various engineering vehicles and a large robot. All components are neatly stored in a portable storage box.

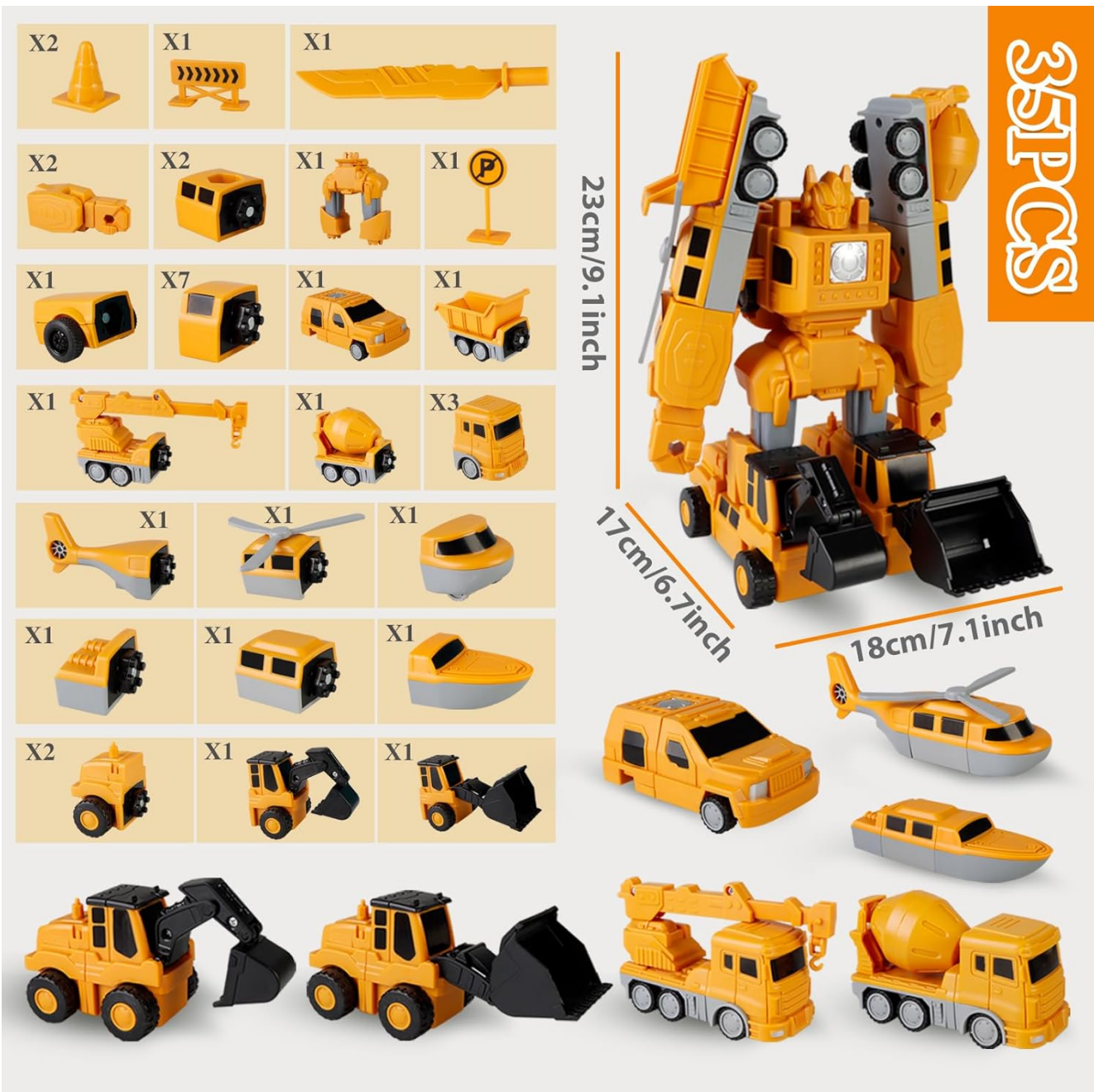


Figure 1: Overview of all 35 included components and assembled robot dimensions.

The set typically includes:

- Multiple magnetic vehicle body parts (e.g., cabins, chassis, wheels)
- Specialized parts for different vehicles (e.g., excavator arm, cement mixer, dump truck bed, helicopter rotor, boat hull)
- Accessories such as traffic cones and a sword for the robot.
- A durable storage box with a handle for easy transport and organization.

SETUP AND ASSEMBLY

The toy components are designed for easy magnetic assembly. Follow these steps to begin playing:

1. **Unpack:** Carefully remove all toy components from the storage box.
2. **Identify Parts:** Familiarize yourself with the different magnetic parts. Each part has a magnetic connection point, often a six-sided plum blossom card slot, ensuring secure attachment.

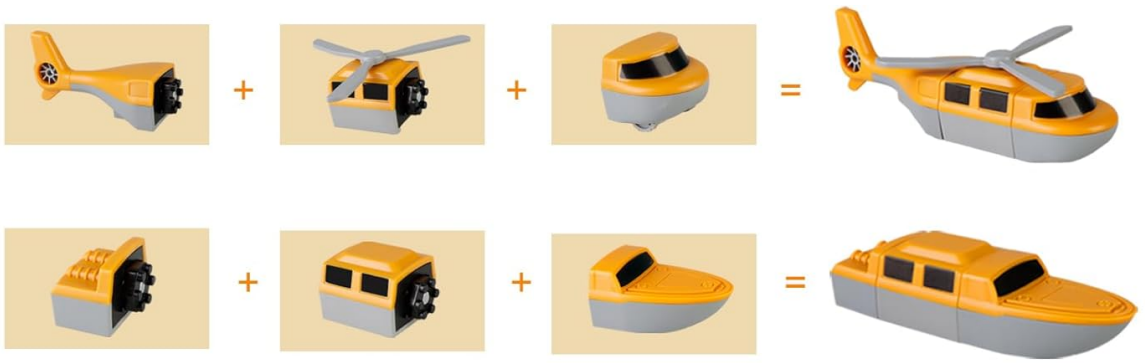
ABS MATERIAL WITH SMOOTH CORNERS

The rounded corners do not scratch your hands and the anti-slip ABS material with frosted anti-slip treatment provides peace of mind.



Figure 2: Magnetic connection points for secure assembly.

- Vehicle Assembly:** To build a vehicle, select the appropriate body parts (e.g., front cabin, middle section, rear attachment). Align the magnetic connection points and gently push them together until they snap securely.



Multi-Section Combined Structure Modeling DIY

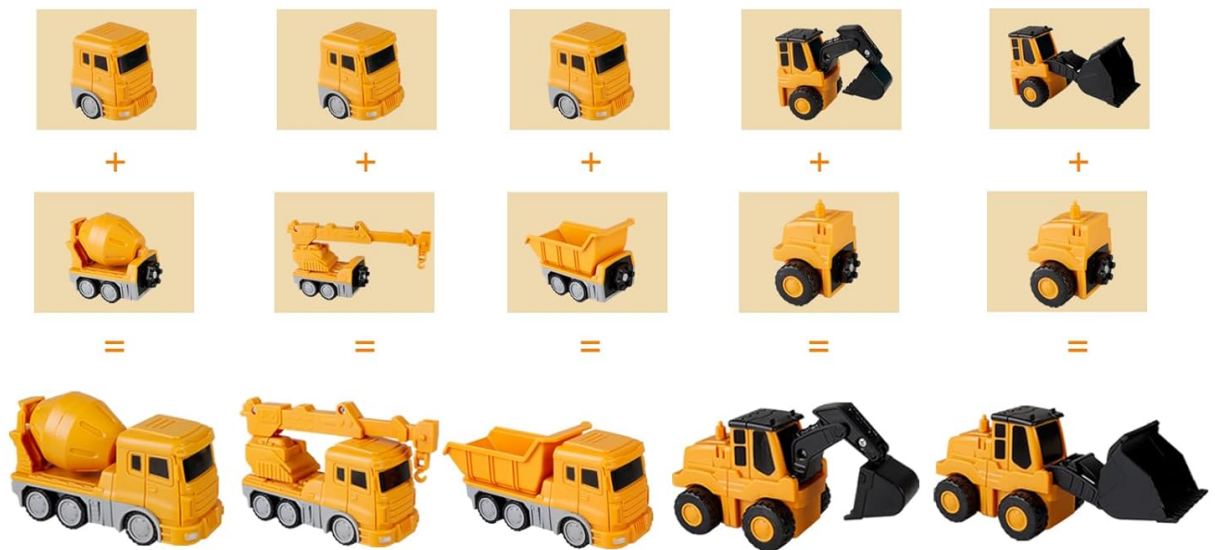


Figure 3: Examples of multi-section combined structure modeling for vehicles.

- 4. Robot Transformation:** The set includes specific parts that can be combined to form a large robot. Refer to the included instruction sheet for detailed steps on transforming vehicles into the robot configuration.

COOL TRANSFORMATION



Head: Car

PLAY WITH FIT



Left shoulder: Cement truck



Right shoulder: Truck



Left hand: Helicopter
middle connection part



Right hand: speedboat
middle connection part



Left foot: excavator



Right foot: forklift



Figure 4: Robot transformation guide from individual vehicle components.

OPERATING INSTRUCTIONS

Once assembled, the Sprstar Magnetic Transform Engineering Car Assembly Toy offers multiple ways to play:

- **Vehicle Play:** Each assembled vehicle features smooth-rolling wheels. Simply push the vehicles to make them move across flat surfaces. No batteries are required for movement.
- **Flexible Joints:** Many vehicle parts, such as excavator arms and dump truck beds, have flexible joints that allow for realistic movement and interactive play.
- **Creative Combination:** Encourage children to use their imagination to combine different parts in unique ways, creating new vehicles or structures beyond the suggested designs.
- **Robot Action:** Once the robot is assembled, its limbs can be posed, allowing for dynamic play scenarios.

Your browser does not support the video tag. This video demonstrates the assembly and play features of the Magnetic Transform Engineering Car Assembled Toys, showcasing how different vehicle parts connect magnetically and can be transformed into a robot.

Video 1: Demonstration of Magnetic Transform Engineering Car Assembly Toy features.

KEY FEATURES

- **Magnetic Assembly:** Features magnetic parts that snap together easily, promoting fine motor skills and problem-solving.
- **Transformable Design:** Vehicles like trucks, forklifts, and excavators can be assembled to form a large robot, offering versatile play options.
- **Safe and Durable Materials:** Made from harmless ABS material with smooth, burr-free corners for a safe and comfortable play experience.
- **Portable Storage:** Includes a storage box for easy carrying and organization, ideal for travel or home use.
- **Educational & Interactive:** Encourages cognitive development, creativity, imagination, and exploration of engineering concepts and spatial reasoning.

MAINTENANCE

To ensure the longevity and cleanliness of your Sprstar Magnetic Transform Engineering Car Assembly Toy, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the toy parts with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners, as these can damage the material or paint.
- **Drying:** Ensure all parts are completely dry before storing them to prevent moisture damage.
- **Storage:** Always store the toy in its provided storage box when not in use. This helps prevent loss of small parts and keeps the set organized and protected from dust.
- **Inspection:** Periodically inspect all magnetic connection points and toy parts for any signs of wear or damage. Discontinue use if any part is broken or if magnets become exposed.

TROUBLESHOOTING

If you encounter any issues with your Sprstar Magnetic Transform Engineering Car Assembly Toy, please refer to the following common solutions:

- **Parts Not Connecting Securely:**
 - Ensure the magnetic connection points are clean and free from debris.
 - Verify that the parts are correctly aligned. The six-sided plum blossom card slots are designed for specific orientations.
 - Check if any magnets are missing or dislodged. If so, discontinue use and contact customer support.
- **Missing Parts:**
 - Thoroughly check the storage box and play area.
 - Refer to Figure 1 (What's Included section) to identify all components. If a part is genuinely missing from a new set, contact customer support.
- **Difficulty with Transformation:**
 - Consult Figure 4 (Setup and Assembly section) and the included instruction sheet for step-by-step guidance on robot transformation.
 - Practice assembling and disassembling the individual vehicles first to understand the magnetic connections.

SPECIFICATIONS

Attribute	Detail
Brand	Sprstar
Model Number	DE1001
Product Dimensions	0.5 x 0.5 x 0.5 inches (individual parts, assembled robot dimensions vary)
Item Weight	2.01 pounds
Recommended Age	3 - 8 years
Material	Harmless ABS Plastic, Magnets
Number of Pieces	35 Pcs (Engineering Series)

WARRANTY AND SUPPORT

Sprstar is committed to providing high-quality products. While specific warranty details are not provided in this manual, please retain your proof of purchase. For any questions, concerns, or support regarding your Magnetic Transform Engineering Car Assembly Toy, please contact Sprstar customer service through the retailer where the product was purchased.