

[Manuals.plus](#) /

> [Engino](#) /

> ENGINO EB70 ECO MOTORIZED RACERS Instruction Manual

Engino EB70

ENGINO EB70 ECO MOTORIZED RACERS Instruction Manual

Model: EB70

INTRODUCTION

The ENGINO EB70 ECO MOTORIZED RACERS set provides an engaging construction experience, allowing users to build three distinct racer models. This set incorporates Engino's innovative hybrid system, combining traditional wooden dowels with advanced plastic components for durable and environmentally conscious construction. This manual provides essential information for assembly, operation, and maintenance of your EB70 set.

SAFETY INFORMATION

- **Age Recommendation:** This product is suitable for users aged 5 years and older. Adult supervision is recommended for younger children.
- **Small Parts:** The set contains small parts which may pose a choking hazard for children under 3 years. Keep all components out of reach of infants.
- **Battery Safety:** The motorized component requires 2 AA batteries (not included). Ensure batteries are inserted with correct polarity (+/-). Do not mix old and new batteries, or different types of batteries. Remove batteries if the toy is not used for an extended period. Dispose of used batteries responsibly.
- **Material Safety:** All plastic components are non-toxic.

PACKAGE CONTENTS

The ENGINO EB70 set includes 181 construction parts, comprising a variety of plastic connectors, wooden dowels, wheels, and a motorized unit. Refer to the 'Bill of Materials' image below to verify all components are present before beginning assembly.

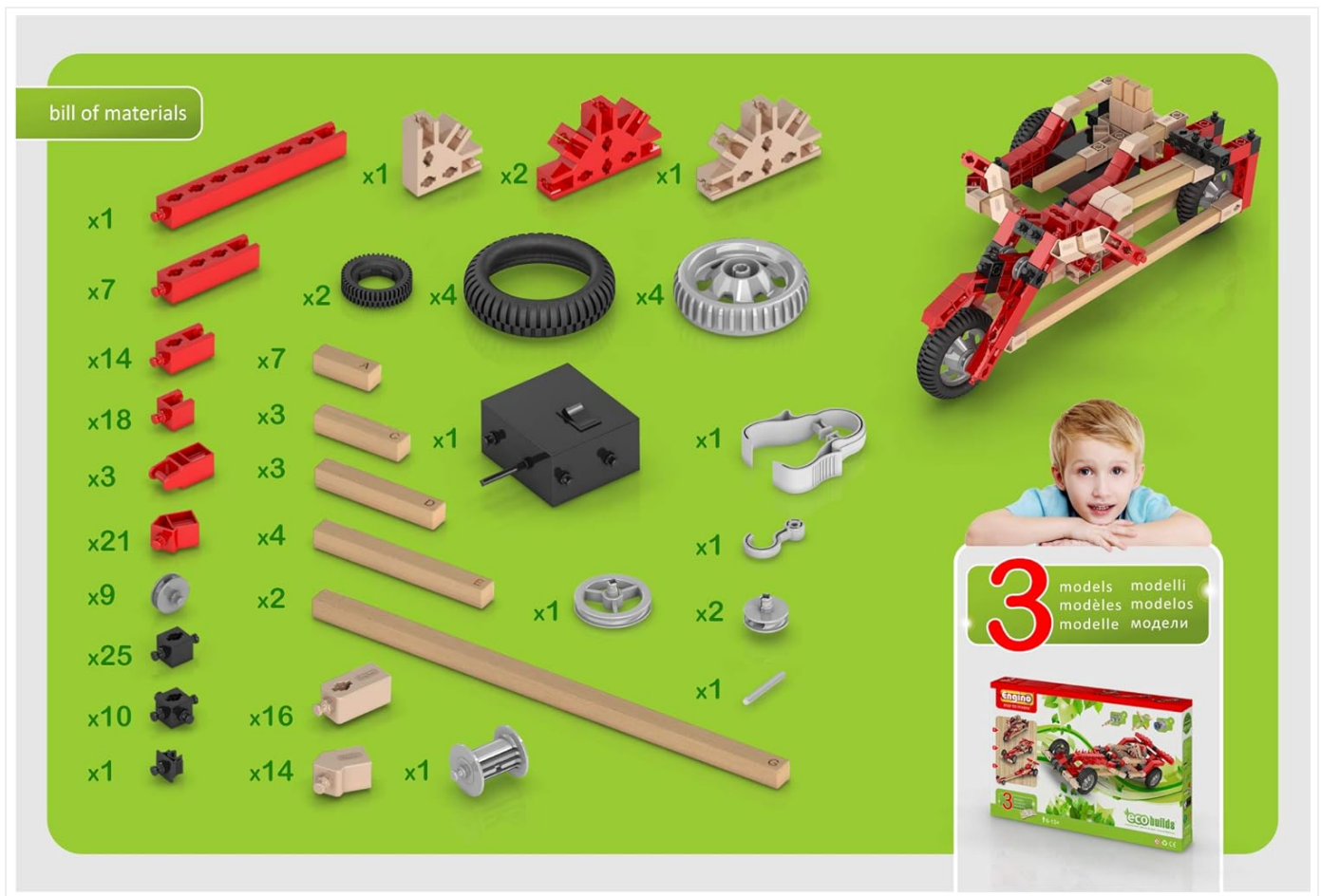


Image: Bill of materials for the ENGINO EB70 set. This image displays all the individual components included in the kit, such as various red and beige plastic connecting pieces, wooden rods, different sizes of wheels, and the black motor unit. A child is visible next to the product box, indicating the target age group. This visual aid helps users identify and count all parts before assembly.

SETUP AND ASSEMBLY

The ENGINO EB70 set allows for the construction of three distinct motorized racer models. Detailed step-by-step instructions for each model are provided in the separate printed guide included in your product box. The general assembly process involves connecting the plastic components with the wooden dowels to form the structural frame, then adding wheels and the motor unit.

Key Assembly Principles:

- **Secure Connections:** Ensure all plastic connectors are firmly attached to the wooden dowels and to each other. A click sound often indicates a secure connection.
- **Motor Integration:** The motor unit is designed to integrate seamlessly into the chassis of the models. Follow the specific instructions for each model to correctly position and connect the motor to the drive wheels.
- **Battery Installation:** Before operating, install 2 AA batteries into the motor unit, observing correct polarity.

Example Models:



Image: A completed three-wheeled racer

model built using the Engino EB70 kit.

The model features a red and beige frame with black wheels, showcasing one of the possible constructions.



Image: A completed dragster-style racer model from the Engino EB70 set. This model is characterized by its elongated design, red and beige structural elements, and smaller front wheels, demonstrating another build option.



Image: A completed car chassis model built with the Engino EB70 kit. This image highlights the foundational frame structure with four wheels, illustrating the base for a car-like vehicle.

OPERATING INSTRUCTIONS

Once your racer model is fully assembled and batteries are correctly installed in the motor unit:

1. **Power On:** Locate the ON/OFF switch on the motor unit. Slide the switch to the 'ON' position to activate the motor.
2. **Movement:** Place the assembled racer on a flat, smooth surface. The motor will drive the wheels, causing the model to move forward.
3. **Power Off:** To stop the model, slide the ON/OFF switch to the 'OFF' position.
4. **Experimentation:** Feel free to disassemble and reassemble different models to explore the various construction possibilities offered by the EB70 set.

MAINTENANCE

- **Cleaning:** To clean the components, wipe them gently with a dry or slightly damp cloth. Do not immerse the motor unit in water. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store all parts in the original packaging or a suitable container to prevent loss and damage. Keep the set in a cool, dry place away from direct sunlight.
- **Battery Care:** Remove batteries from the motor unit if the toy will not be used for an extended period to prevent leakage.

TROUBLESHOOTING

- **Motor Not Working:**

- Check if batteries are inserted correctly with the right polarity.
- Replace old or depleted batteries with new ones.
- Ensure the ON/OFF switch is in the 'ON' position.
- Verify that the motor is securely connected to the model and that no parts are obstructing its movement.

- **Model Not Moving Smoothly:**

- Check for any loose connections or misaligned parts.
- Ensure wheels are properly attached and can rotate freely without friction.
- Confirm the model is placed on a flat, even surface.

- **Missing Parts:** Refer to the 'Package Contents' section and the bill of materials image. If parts are genuinely missing, contact Engino customer support.

SPECIFICATIONS

Feature	Detail
Model Name	ENGINO EB70 ECO MOTORIZED RACERS
Model Number	EB70
Brand	Engino
Number of Pieces	181
Material	Plastic, Wood
Item Dimensions (L x W x H)	20 x 20 x 30 millimetres
Item Weight	0.6 Kilograms
Manufacturer Minimum Age	60 months (5 years)
Batteries Required	2 AA batteries (not included)
Educational Objective	Creative Thinking
Special Features	Non Toxic

WARRANTY AND SUPPORT

For any questions regarding assembly, missing parts, or product functionality, please refer to the contact information provided in the original product packaging or visit the official Engino website for customer support. Engino products are designed for durability and educational value. Please retain your proof of purchase for any warranty claims.

