



Manuals.plus /

› Clementoni /

› Clementoni Science Museum Mechanics Lab: Pull Back Hot Rod & Race Truck Building Kit Instruction Manual

**Clementoni 61717**

# Clementoni Science Museum Mechanics Lab

## PULL BACK HOT ROD & RACE TRUCK BUILDING KIT - MODEL 61717

Instruction Manual

### 1. INTRODUCTION

This Clementoni Science Museum Mechanics Lab kit allows you to build two dynamic vehicle models: a Hot Rod and a Race Truck. Designed to stimulate skills in Science, Technology, Engineering, and Mathematics (STEM), this kit provides a hands-on experience in mechanics and engineering principles. The models feature a pull-back mechanism for exciting play.

The kit includes over 130 interchangeable components and an illustrated manual. For an enhanced building experience, a free interactive 3D application is also available.



Image: The fully assembled Hot Rod model, showcasing its green and grey components.

## 2. SAFETY INFORMATION

This product is recommended for children aged 8 years and older. No specific safety warnings are applicable beyond general toy safety guidelines. Please ensure all small components are kept away from younger children to prevent choking hazards. Adult supervision is recommended during assembly and play.

## 3. PACKAGE CONTENTS

Your Clementoni Mechanics Lab kit contains:

- Over 130 interchangeable components for building two models.
- An extractor tool for easy disassembly.
- An illustrated instruction manual.
- A pull-back module for vehicle propulsion.





Image: An open instruction manual displaying assembly steps and component illustrations.

## 4.2. Using the Interactive 3D App

For an interactive experience, download the free Clementoni Science & Play app. This app provides 3D interactive instructions that guide you through the assembly process with animated steps. The app is available on various app stores.

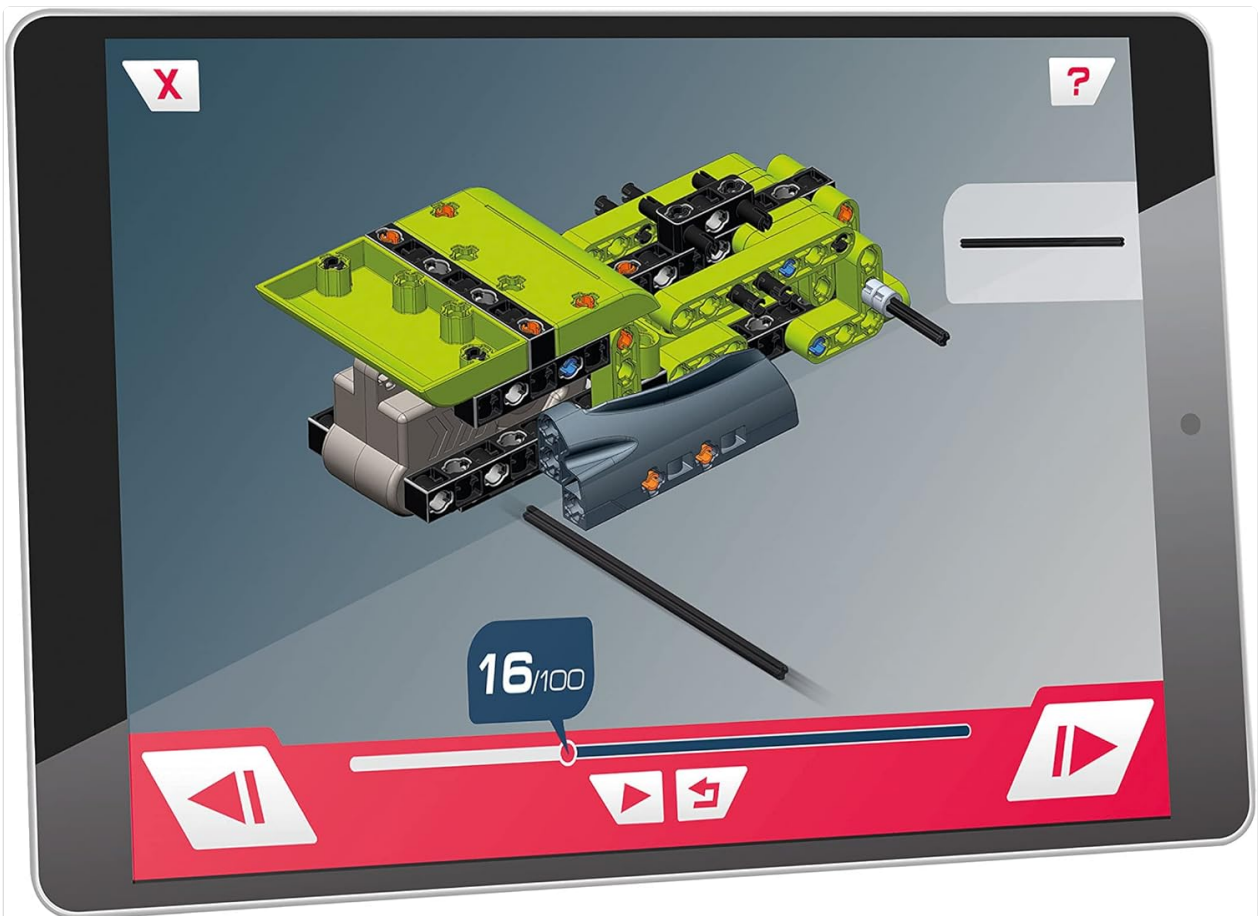


Image: A tablet screen showing the interactive 3D assembly app with a model in progress.

## 4.3. Building the Models

The kit allows for the construction of two distinct models:

- **Hot Rod:** A sleek, fast-looking vehicle.
- **Race Truck:** A robust, powerful truck model.



Image: The fully assembled Race Truck model, built using the kit components.

## 5. OPERATING THE PULL-BACK MECHANISM

Once your model is assembled, you can activate its pull-back mechanism:

1. Place the assembled vehicle on a flat, smooth surface.
2. Gently pull the vehicle backward, applying slight pressure to the top. You will feel the internal mechanism winding up.
3. Release the vehicle, and it will propel forward due to the stored energy in the pull-back mechanism.



Image: A hand pulling back a constructed vehicle to engage the pull-back mechanism.

## 6. MAINTENANCE

To ensure the longevity of your Clementoni Mechanics Lab kit:

- **Cleaning:** Wipe components with a dry or slightly damp cloth. Avoid harsh chemicals or abrasive cleaners.
- **Storage:** Store all components in a dry, cool place, preferably in their original packaging or a designated storage container, to prevent loss or damage.
- **Spare Parts:** Information regarding the availability of spare parts is not provided. Handle components with care during assembly and play.

## 7. TROUBLESHOOTING

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

- **Model comes apart easily:** Ensure all connections are firmly pressed together. Some parts may require a gentle but firm push to secure.
- **Vehicle does not move:** Verify that the pull-back module is correctly installed and that the wheels are free to rotate without obstruction. Ensure the pull-back action is performed on a smooth surface.
- **Missing parts:** Carefully check the packaging and assembly area. If a part is genuinely missing, refer to the support section.
- **Difficulty with assembly:** Re-read the instructions in the manual or consult the interactive 3D app for clearer visual guidance.

## 8. SPECIFICATIONS

<b>Brand</b>	Clementoni
<b>Model Number</b>	61717
<b>Product Dimensions (L x W x H)</b>	27.6 x 4.5 x 18.8 cm
<b>Weight</b>	434 grams
<b>Recommended Age</b>	8 years and up
<b>Educational Value</b>	STEM (Science, Technology, Engineering, Mathematics)
<b>Main Material</b>	Plastic
<b>Color</b>	Red, Blue, Black (components)
<b>Assembly Required</b>	Yes (Self-assembly kit)
<b>Batteries Required</b>	No

## 9. WARRANTY AND SUPPORT

For any questions, concerns, or assistance with your Clementoni Science Museum Mechanics Lab kit, please contact Clementoni customer support. Specific warranty details are not provided in this manual. You can often find contact information on the product packaging or the official Clementoni website.

Remember to utilize the free interactive 3D app for detailed assembly guidance, which can resolve many common building queries.