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BIRANCO. 8015

BIRANCO. Remote Control Tracked 3in1 Stunt Racer Building Kit User Manual

Model: 8015

Product Overview

The BIRANCO. Remote Control Tracked 3in1 Stunt Racer Building Kit (Model 8015) is a STEM-focused construction toy designed for children aged 8-16 years. This versatile kit allows for the construction of three distinct models: an RC Tracked Racer, a Tumbler Robot, and a Spin Car. It features a powerful function motor set and a 2.4G remote control for dynamic play. The kit contains 353 pieces, promoting hands-on learning, creativity, and problem-solving skills.



Image: The BIRANCO. 3-in-1 building set showcasing the three distinct models that can be constructed from the kit.

What's in the Box

The BIRANCO. Remote Control Tracked 3in1 Stunt Racer Building Kit includes the following components:

- 353 Building Blocks
- 2 Power Functions Motors
- 1 Rechargeable Core Battery (7.2V, 400mAh)
- 1 Remote Controller (requires AAA batteries, not included)
- 1 Manual (step-by-step instructions for Model A)
- 1 Charging Cable (USB)

- 1 Sticker Sheet

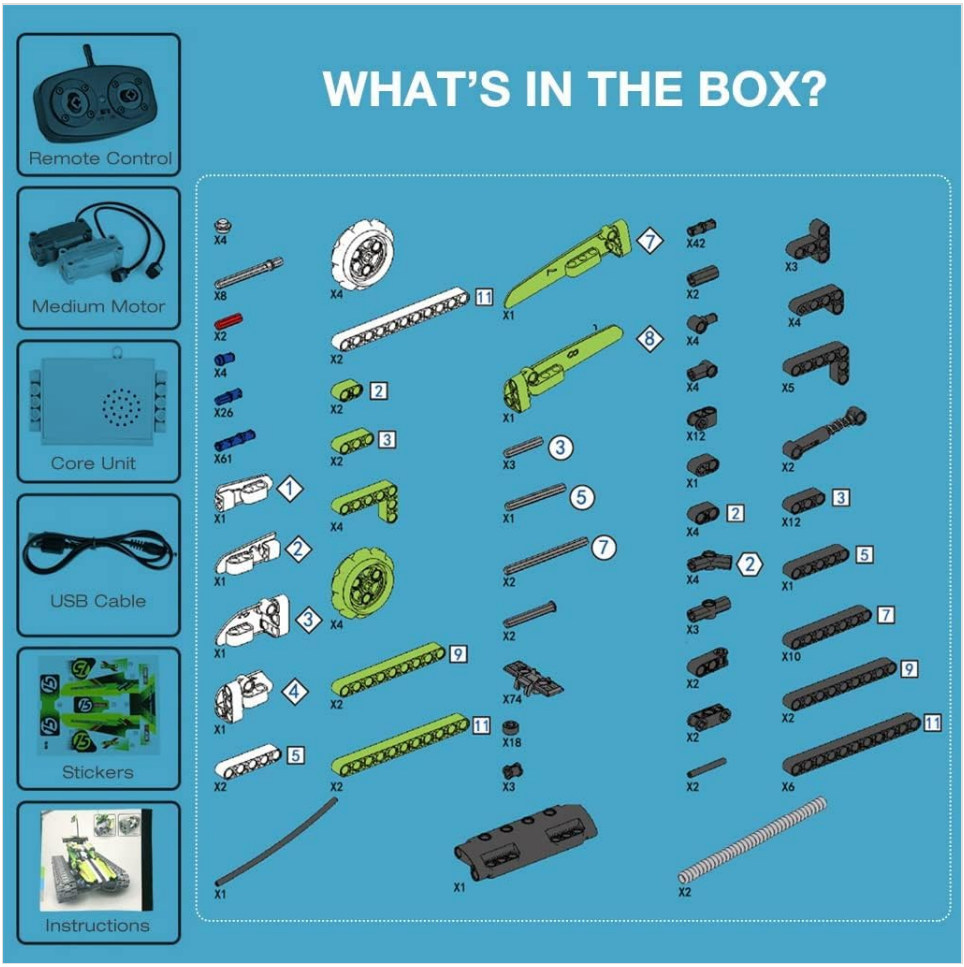


Image: Detailed diagram illustrating all parts and components included in the product package.

Assembly Instructions

This kit offers a 3-in-1 building experience, allowing you to construct an RC Tracked Racer, a Tumbler Robot, or a Spin Car. Detailed step-by-step instructions for building the primary model (Model A) are provided in the included manual. For instructions on building additional models (Model B and C), please refer to the manufacturer's official resources or downloadable e-books, if available.

Assembly requires careful attention to detail and can be a rewarding STEM project that encourages imagination, creativity, and teamwork. Ensure all pieces are securely interlocked to maintain the structural integrity of the finished model.

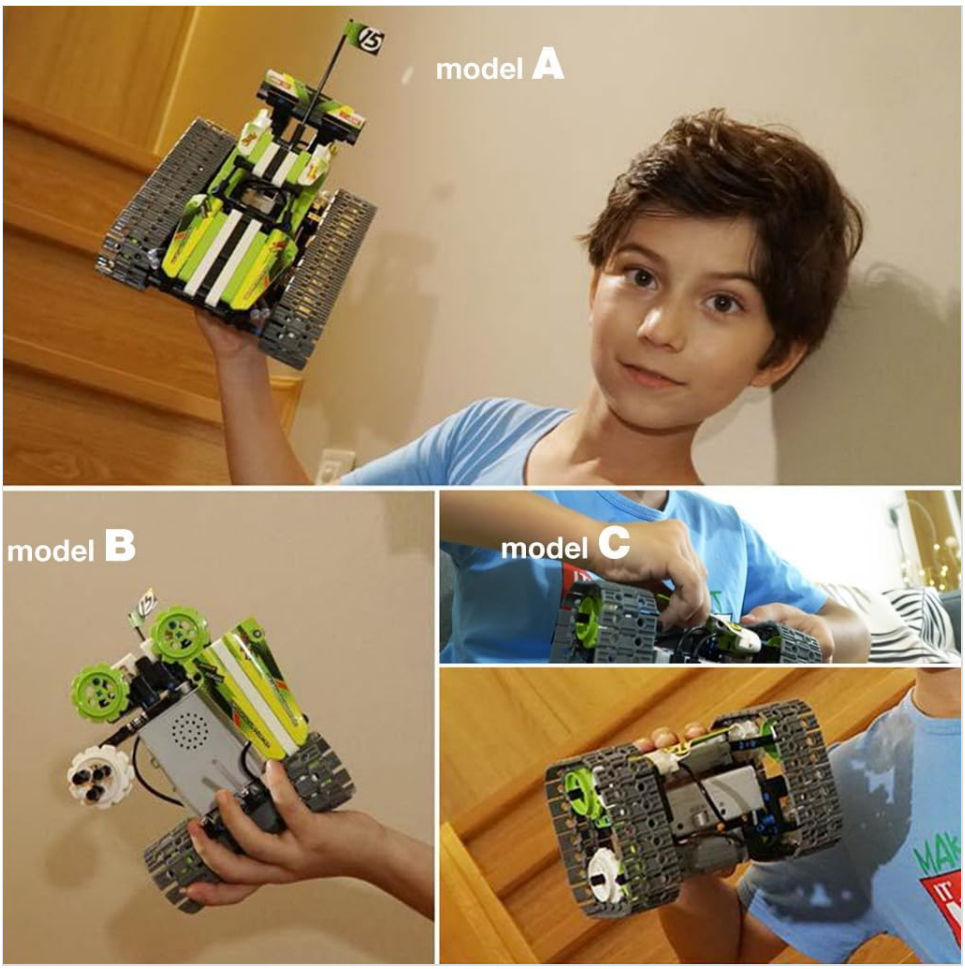


Image: Examples of the three different models (Model A, B, and C) that can be built using the kit.

Power Functions and Battery

The BIRANCO. Stunt Racer is equipped with a built-in 400mAh 7.2V rechargeable battery for safe and convenient power. The remote control requires 3 AAA batteries (not included).

Charging the Battery:

1. Locate the rechargeable core battery unit.
2. Connect the provided USB charging cable to the battery unit's recharging port.
3. Connect the other end of the USB cable to a compatible USB power source (e.g., computer USB port, USB wall adapter).
4. Ensure the battery unit's switch is in the "OFF" position during charging.
5. The indicator lamp on the battery unit will show charging status. A full charge typically takes approximately 3 hours.

A fully charged battery provides up to 25 minutes of play time.



Image: Instructions for charging the built-in rechargeable battery.

Operating Instructions

The RC Tracked Racer is controlled via a 2.4G remote control, ensuring non-interference even with multiple vehicles operating in the same area. The vehicle can move forward, backward, left, and right, and perform 360-degree turns with ease, navigating various obstacles.

Basic Controls:

- Use the joysticks on the remote control to maneuver the vehicle.
- The independent control of each track allows for precise turning and agile movements.
- The robust design enables the vehicle to drive over large obstacles and perform stunts.



Image: Children engaging with the assembled RC vehicles, highlighting the remote control and play features.

All-Terrain Capability:

The sturdy mechanical design and tracked system provide excellent traction and stability, allowing the vehicle to operate effectively on various surfaces, including:

- Smooth indoor floors
- Rough outdoor terrains (dirt, grass, small rocks)
- Inclines and uneven surfaces



Image: The RC vehicle demonstrating its ability to traverse different types of terrain.

Official Product Videos:

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Video: An overview of the RC Tracked Racer Building Kit, highlighting its fun STEM aspects for kids.

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Video: Demonstrates the BIRANCO. 3-in-1 Remote Control STEM Building Kit for boys aged 8-12, showcasing its various configurations and play.

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Video: Shows the Biranco 3-in-1 RC Stunt Building Kit in action, suitable for ages 6-12, performing various stunts.

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Video: Features the BIRANCO. Remote Control Car for Boys, an RC Tracked Racer Building Blocks Set Kit, demonstrating its capabilities.

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Video: Highlights the STEM benefits of Biranco STEM kits for kids aged 8-12.

Maintenance

To ensure the longevity and optimal performance of your BIRANCO. building kit, follow these maintenance guidelines:

- **Cleaning:** Wipe the building blocks and electronic components with a dry, soft cloth. Avoid using water or harsh chemicals.
- **Storage:** Store the kit in a cool, dry place away from direct sunlight and extreme temperatures. Keep all pieces in the original packaging or a designated storage container to prevent loss.
- **Battery Care:** Fully charge the battery before first use. Do not overcharge. If storing for extended periods, charge the battery every 3 months to maintain its health. Remove AAA batteries from the remote control if not in use for a long time to prevent leakage.
- **Component Check:** Periodically inspect all connections and moving parts for any signs of wear or damage. Ensure all blocks are securely connected.

Troubleshooting

If you encounter issues with your BIRANCO. Remote Control Tracked 3in1 Stunt Racer, refer to the following common troubleshooting steps:

Remote Control Not Working / Indicator Light Not Coming On:

This issue often arises from poor contact between the AAA batteries and the metal positive plates inside the remote control. The

plastic molding can sometimes prevent proper connection.

1. Open the battery compartment of the remote control.
2. Carefully remove the AAA batteries.
3. Using a small flat-head screwdriver, gently bend the metal positive plates (the springs) slightly outwards. This improves contact with the battery terminals. You do not need to disassemble the remote control itself.
4. Reinsert the AAA batteries, ensuring correct polarity.
5. Turn on the remote control. The indicator light should now blink, indicating proper function.

This is typically an easy fix that resolves connectivity issues.

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Video: A detailed guide on troubleshooting the remote control for the BIRANCO. RC Tracked 3in1 Building Set, specifically addressing issues where the remote does not work or the indicator light does not come on.

Vehicle Not Responding:

- **Check Battery Charge:** Ensure the main rechargeable battery is fully charged.
- **Remote Control Batteries:** Verify that the AAA batteries in the remote control are fresh and correctly inserted.
- **Power Switches:** Make sure both the vehicle's power switch and the remote control's power switch are in the "ON" position.
- **Pairing:** If the vehicle and remote are not paired, turn both off and then on again to re-establish connection.
- **Obstructions:** Check for any obstructions in the tracks or gears that might prevent movement.

Specifications

Product Dimensions	11.02 x 8.66 x 2.64 inches
Item Weight	1.9 pounds
Item Model Number	8015
Manufacturer Recommended Age	8 - 16 years
Battery Type (Vehicle)	1 Lithium Polymer battery (7.2V, 400mAh)
Battery Type (Remote Control)	AAA batteries (not included)
Number of Pieces	353
Material	Premium quality harmless and safe ABS plastic



Image: Dimensional specifications of the assembled tracked racer model.

Safety Information

Please observe the following safety precautions to ensure a safe play experience:

- This product is suitable for children aged 8-16 years. Adult supervision is recommended during assembly and play.
- Keep small parts away from younger children to prevent choking hazards.
- Do not operate the vehicle near water or in wet conditions to avoid damage to electronic components.
- Avoid direct impact with hard surfaces or objects at high speeds to prevent damage to the toy or surroundings.
- Do not modify or disassemble the electronic components or battery pack.
- Ensure the battery is charged in a safe environment, away from flammable materials.
- Meets ASTM F963-16 / ASTM F963-17 requirements for toy safety.

Warranty and Support

BIRANCO. is committed to customer satisfaction. All pieces are made of premium quality, harmless, and safe ABS plastic. If you have any questions or encounter issues with your product, please contact BIRANCO. customer service for assistance. They are known for their responsive support and dedication to resolving customer concerns.
For further support, you may visit the official BIRANCO. store or refer to the user manual PDF available online.
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