

THOMAS & FRIENDS CGM19

Thomas & Friends MINIS Motorized Raceway Instruction Manual

Brand: THOMAS & FRIENDS | Model: CGM19

1. INTRODUCTION

The Thomas & Friends MINIS Motorized Raceway playset offers an engaging and dynamic play experience for children. This playset introduces motorized functionality, allowing Thomas and James MINIS engines to ascend a vertical lift and navigate through multiple action-packed tracks. The design incorporates various stunt elements, including a 360-degree loop, a free-fall drop, and a gravity-defying inverted sky track.

Key Features:

- Includes Thomas and James MINIS engines.
- Features a vertical drop, 360-degree loop track, and gravity-defying curve track.
- Multiple MINIS can ride along the tracks simultaneously (additional MINIS engines sold separately).



Image 1.1: The complete Thomas & Friends MINIS Motorized Raceway playset, showcasing its various tracks and features.

2. SETUP AND ASSEMBLY

Assembly of the Thomas & Friends MINIS Motorized Raceway is required before use. The process is designed to be straightforward, typically taking approximately 15 minutes with the aid of the included colored instructions. A screwdriver is needed for battery installation.

Assembly Steps:

1. Unpack all components from the packaging. Verify that all parts are present according to the parts list in the included manual.
2. Connect the track pieces securely, ensuring each piece snaps firmly into place. Proper connection is crucial for smooth operation.
3. Locate the battery compartment, typically on the side of the main playset structure. Using a screwdriver, open the compartment.

4. Insert **3 AA batteries** (not included) into the compartment, observing correct polarity (+/-). Close the compartment securely with the screw.
5. Apply the included stickers to the designated areas as indicated in the assembly guide.
6. Ensure the on/off switch, located near the battery compartment, is in the "off" position during assembly.

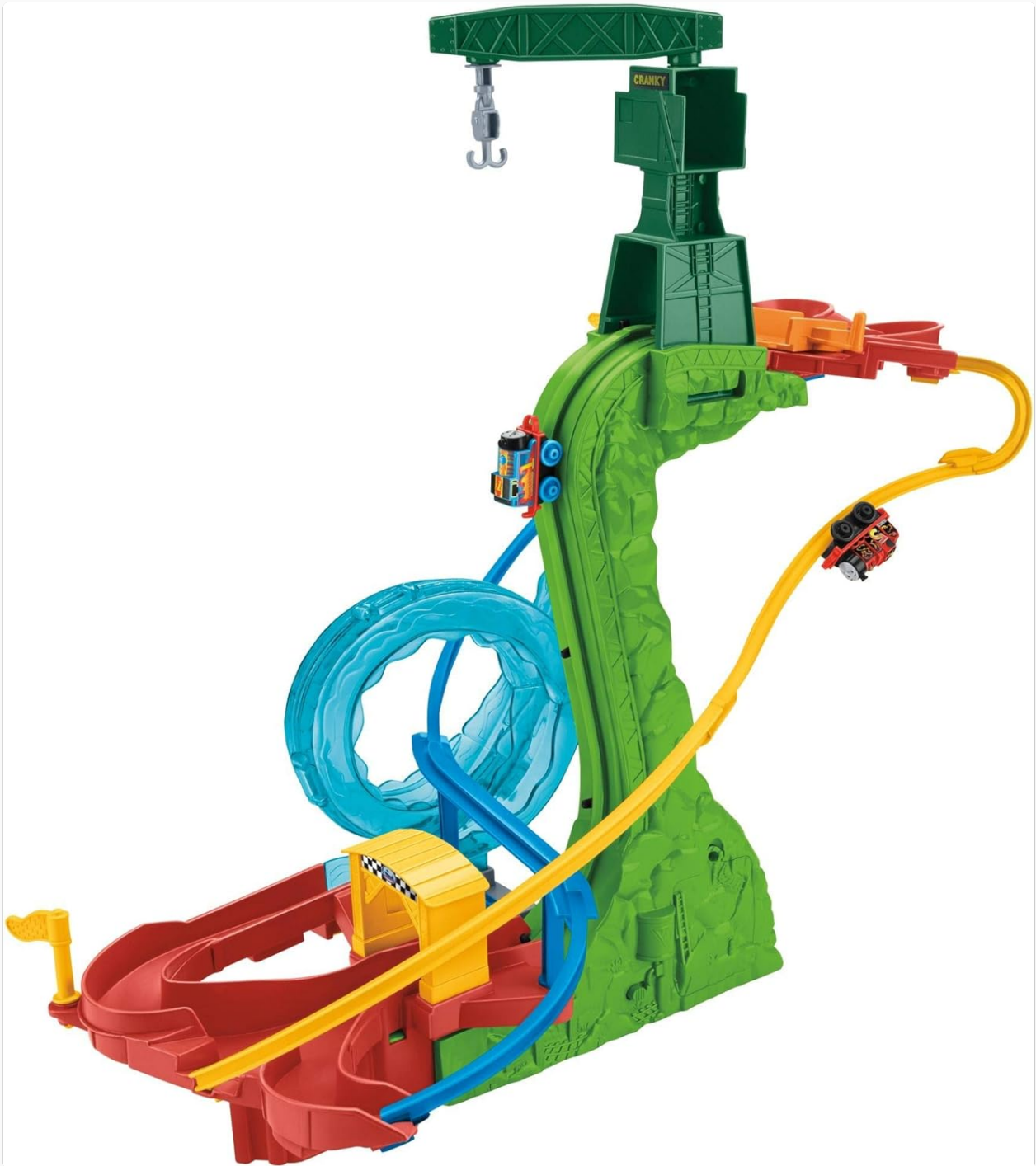


Image 2.1: An alternative view of the playset, highlighting the track layout and vertical lift mechanism.

3. OPERATING INSTRUCTIONS

Once assembled and batteries are installed, the playset is ready for operation. The motorized feature allows for continuous play and dynamic movement of the MINIS engines.

Operation Steps:

1. Place the included Thomas and James MINIS engines onto the designated starting point at the base of the vertical lift.
2. Turn the on/off switch to the "on" position. The motorized lift will begin to operate, automatically carrying the MINIS engines up the steep vertical track.
3. Upon reaching the top, the MINIS engines will be positioned to enter one of three action-packed tracks.
4. **Track Selection:** A switch at the top allows you to manually select the desired track for the engines.
Ensure the switch is fully aligned with the chosen chute to prevent jams.
 - *Water Track:* Sends MINIS down a "waterfall" and into a 360-degree loop.
 - *Free-Fall Drop Track:* Leads to a broken piece of track, requiring Cranky the Crane to be swiveled to rescue the MINIS, allowing them to jump the gap.
 - *Inverted Sky Track:* Engines roll off the edge and defy gravity by rolling upside down along an inverted track.
5. Observe the MINIS as they navigate the chosen track, performing stunts and loops.
6. To add more MINIS engines (sold separately), place them at the starting point. For optimal performance and to avoid traffic jams, it is recommended to use no more than 4-5 MINIS at a time, with 2-3 being ideal.
7. When finished playing, turn the on/off switch to the "off" position.



Image 3.1: The included Thomas and James MINIS engines, ready for action on the raceway.

4. MAINTENANCE

The Thomas & Friends MINIS Motorized Raceway is designed for durability and requires minimal maintenance. Regular cleaning will help ensure its longevity and optimal performance.

Cleaning:

- Wipe down all plastic surfaces with a soft, damp cloth.
- Avoid using harsh chemicals or abrasive cleaners, as these can damage the plastic and decals.
- Ensure no moisture enters the battery compartment or motorized components.

Storage:

- Store the playset in a cool, dry place away from direct sunlight.
- If storing for an extended period, remove the batteries to prevent leakage and potential damage to the motor.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with the playset.

Problem	Possible Cause	Solution
MINIS engines get stuck on the vertical lift.	Belt is stuck or misaligned. Too many MINIS on the track.	Gently tug on the rubber belt to realign it or get it moving. Reduce the number of MINIS on the track. Optimal performance is achieved with 2-3 MINIS.
MINIS engines do not smoothly transition to tracks at the top.	Track selector switch not fully aligned. Track pieces not securely connected.	Ensure the rotating track selector is pushed completely over and aligned with the desired chute. Check all track connections to ensure they are firmly snapped into place.
Motor sounds excessively loud.	Normal operation sound. Belt is stuck or under strain.	A certain level of motor noise is normal. If the noise is unusually loud, check for stuck MINIS or a misaligned belt as described above.
Playset does not turn on.	Batteries are dead or incorrectly installed. On/off switch is in the "off" position.	Check battery polarity and replace with fresh AA batteries if necessary. Ensure the on/off switch is fully in the "on" position.

6. SPECIFICATIONS

Feature	Detail
Product Dimensions	15.98 x 3.5 x 12.48 inches
Item Weight	2.2 pounds
Model Number	CGM19
Manufacturer Recommended Age	36 months - 7 years
Batteries Required	3 AA batteries (not included)
Manufacturer	Fisher-Price

Feature	Detail
Release Date	July 1, 2019
What's in the Box	Thomas and James MINIS engines, playset with 3 action-packed stunt tracks

7. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Fisher-Price website or contact their customer service department. The manufacturer's contact details are typically provided in the product packaging or on their official website.

An official User Guide in PDF format is available for download: [Download User Guide \(PDF\)](#).

For additional product information or to explore other Thomas & Friends products, visit the [THOMAS & FRIENDS Store](#).