

[Manuals.plus](#) /

› [Bruder](#) /

› Bruder MACK Granite Fire Engine with Water Pump Instruction Manual

Bruder 02821

Bruder MACK Granite Fire Engine with Water Pump Instruction Manual

Model: 02821

INTRODUCTION

Thank you for choosing the Bruder MACK Granite Fire Engine with Water Pump. This detailed model offers realistic features for an engaging play experience. This manual provides essential information for safe setup, operation, and maintenance of your fire engine.



Image: The Bruder MACK Granite Fire Engine, showcasing its detailed design, extended ladder, and activated light and sound module.

SAFETY INFORMATION

- **Small Parts:** This product contains small parts and is not suitable for children under 3 years old due to choking hazards.
- **Battery Safety:** The light and sound module requires 2 AAA batteries. Ensure correct polarity when inserting batteries. Do not mix old and new batteries, or different types of batteries. Remove batteries if the toy is not used for extended periods.
- **Water Use:** Use clean tap water only for the water pump function. Do not use other liquids. Avoid spraying water near electrical outlets or devices.
- **Supervision:** Adult supervision is recommended during play, especially when using the water pump and extending the ladder.

WHAT'S IN THE BOX

Your package should contain the following items:

- Bruder MACK Granite Fire Engine with Water Pump
- Removable Light and Sound Module (Item 02801)

SETUP INSTRUCTIONS

1. Installing the Light and Sound Module

1. Locate the slot for the light and sound module on the roof of the fire engine cab.
2. Insert 2 AAA batteries into the module, ensuring correct polarity.
3. Carefully slide the module into the designated slot until it clicks into place.
4. Press any of the four buttons on the module to test the engine noise, police yelp, police siren, or fire siren.

2. Filling the Water Tank

The fire engine features an integrated water tank for realistic water spraying.

- Locate the water tank opening, typically near the rear of the cab or under the ladder assembly.
- Carefully pour clean tap water into the tank until it is full. Do not overfill.
- Ensure the cap or cover is securely closed after filling.



Image: Demonstrating how to fill the integrated water tank on the fire engine.

3. Extending Support Legs

For stability during ladder operation, extend the four support legs.

- Pull each of the four grey support legs outwards from the chassis until fully extended.
- Adjust their height if necessary to ensure the vehicle is stable on uneven surfaces.



Image: The fire engine with its support legs deployed, providing a stable base for operations.

OPERATING INSTRUCTIONS

1. Operating the Water Pump and Hose

- Ensure the water tank is filled (refer to Setup Instructions).
- Unwind the water hose from its reel. The hose can be held by Bruder figures or secured to the rescue basket.
- To activate the water pump, locate the small lever or knob near the hose reel and turn it to pump water through the nozzle.
- The nozzle provides a fully functioning water stream.
- After use, wind the hose back onto the reel.



Image: A close-up view of the hose reel and the mechanism for winding and unwinding the water hose.

2. Operating the Turntable Ladder

- **Extension:** Use the hand wheel located on the side of the ladder assembly to extend or retract the ladder sections. The ladder can extend up to 4 feet.
- **Height Adjustment:** A separate knob allows you to adjust the angle and height of the ladder.
- **Rotation:** The entire ladder assembly can be rotated 360 degrees on its turntable base.
- **Rescue Basket:** The rescue basket at the end of the ladder can accommodate a Bruder figure.



Image: A hand demonstrating the operation of a control knob, which adjusts the ladder's position or function.



Image: The fire engine with its ladder extended, showing the mechanism for height and extension control.

3. Opening Features

- **Doors:** The cab doors can be opened to place Bruder figures inside.
- **Mirrors:** The side mirrors can be folded back.

- **Hood:** The hood can be opened to reveal the detailed engine block.
- **Storage Compartment:** A large storage compartment with a folding door provides space for tools or accessories.



Image: The front of the fire engine with the hood raised, displaying the engine details.

MAINTENANCE

- **Cleaning:** Wipe the fire engine with a damp cloth to remove dust and dirt. Do not use harsh chemicals or abrasive cleaners.
- **Drying:** After using the water pump, ensure all water is drained from the tank and hose, and allow components to air dry to prevent mold or mildew.
- **Storage:** Store the toy in a clean, dry place away from direct sunlight to prevent fading and material degradation.
- **Battery Replacement:** Replace batteries in the light and sound module when sounds become faint or stop working.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Water pump not working or weak stream.	Water tank is empty; pump mechanism is not fully engaged; hose is kinked.	Refill water tank; ensure pump lever/knob is operated correctly; check hose for obstructions.
Light and sound module not working.	Batteries are dead or incorrectly inserted; module not properly seated.	Replace batteries, ensuring correct polarity; re-insert module firmly into its slot.

Problem	Possible Cause	Solution
Ladder mechanism is stiff or stuck.	Dust or debris in the mechanism; improper operation.	Gently clean around moving parts; ensure hand wheels/knobs are turned smoothly and not forced.

SPECIFICATIONS

- Brand:** Bruder
- Model Number:** 02821
- Product Dimensions:** 11.81 x 24.8 x 8.66 inches
- Item Weight:** 6.78 pounds
- Manufacturer Recommended Age:** 36 months - 15 years
- Batteries Required:** 2 AAA batteries (for light and sound module)
- Material:** Fade-resistant, high-quality ABS plastic
- Origin:** Made in Germany

WARRANTY AND SUPPORT

For warranty information or product support, please refer to the manufacturer's official website or contact their customer service directly. Keep your purchase receipt as proof of purchase.
Bruder Official Website: www.bruder.de

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question