



[Manuals.plus](#) /

› [LEGO](#) /

› LEGO Technic Mini Crane with Wrecking Ball Instruction Manual

LEGO VVVTechnicCrane412401

LEGO Technic Mini Crane with Wrecking Ball Instruction Manual

Model: VVVTechnicCrane412401 | Brand: LEGO

INTRODUCTION

This manual provides comprehensive instructions for assembling and operating your LEGO Technic Mini Crane with Wrecking Ball. This set is designed for builders aged 6 and above and contains 86 pieces. Please read all instructions carefully before beginning assembly.

Safety Information

WARNING: CHOKING HAZARD - Small parts. Not suitable for children under 3 years. Adult supervision is recommended during assembly and play for younger children within the recommended age range.

PARTS LIST

The LEGO Technic Mini Crane with Wrecking Ball set includes 86 individual pieces. Before starting assembly, ensure all pieces are present by comparing them with the provided parts diagram (if available on the packaging) or the first few steps of the assembly instructions.



Figure 1: Product packaging displaying the LEGO Technic Mini Crane with Wrecking Ball and indicating 86 pieces for ages 7+.

ASSEMBLY INSTRUCTIONS

Follow the step-by-step visual guide below to construct your LEGO Technic Mini Crane with Wrecking Ball. Each image represents a sequence of steps. Pay close attention to the number of pieces required for each step, indicated by 'x' next to the piece count.



Figure 2: Assembly steps 1 through 5. This section details the initial construction of the crane's base and wheel axles.

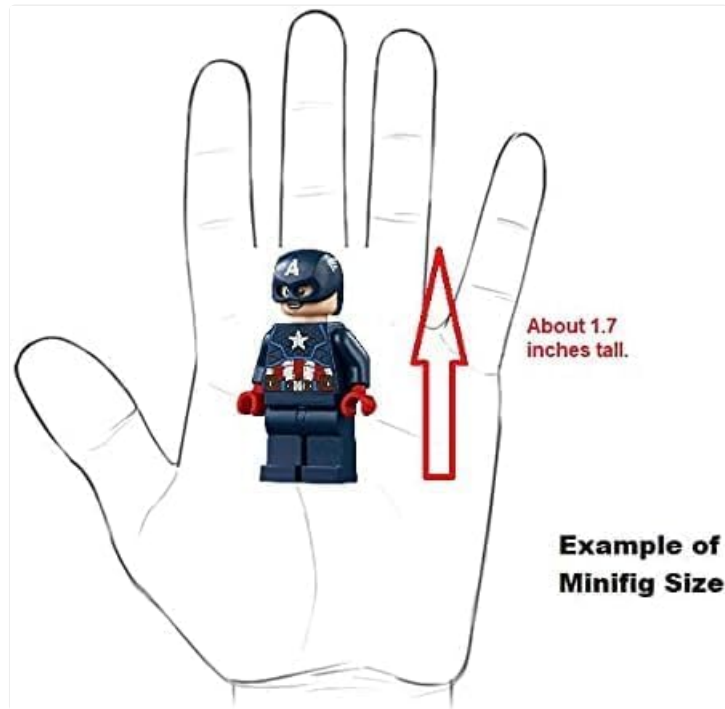


Figure 3: Assembly steps 6 and 7. This section illustrates the attachment of the wheels and the track elements to the crane's chassis.

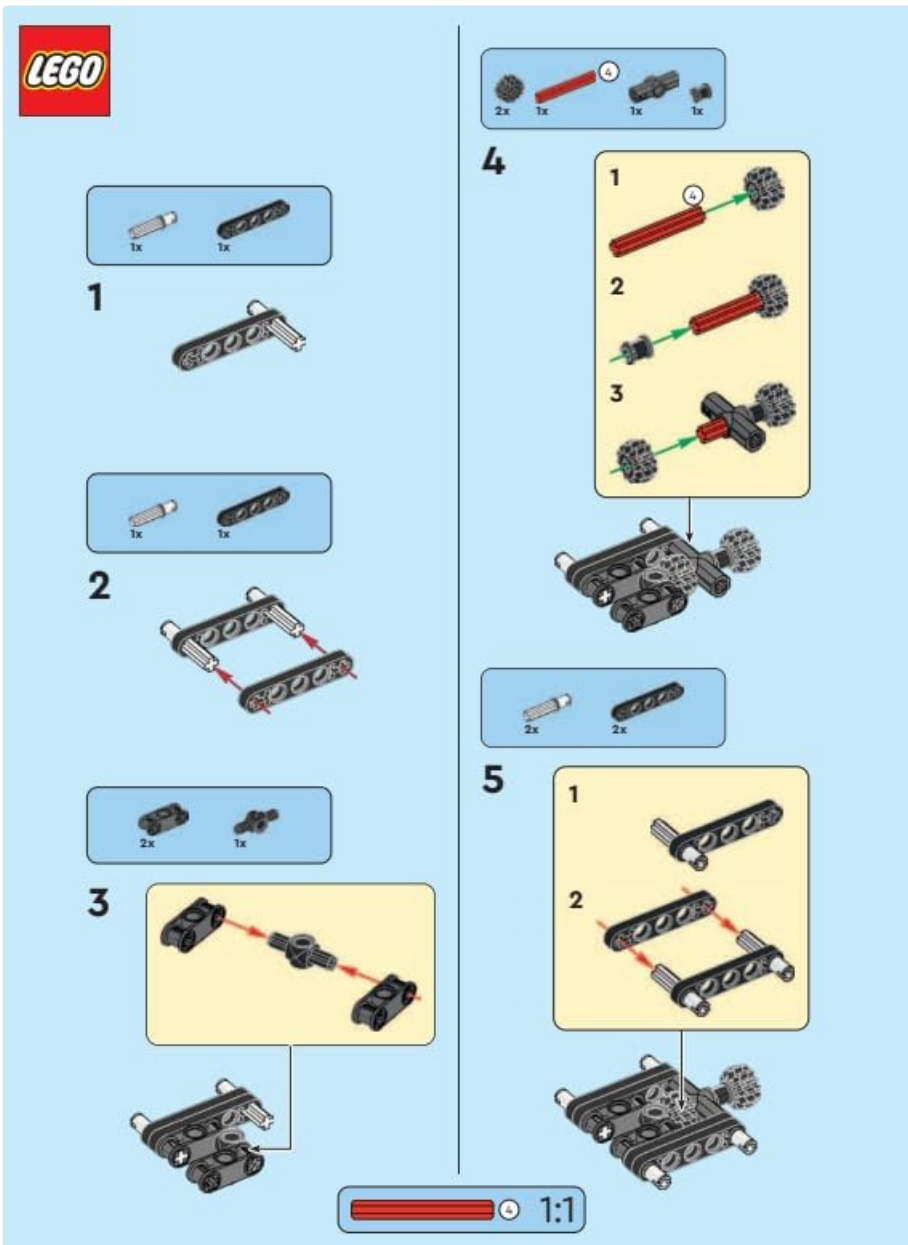
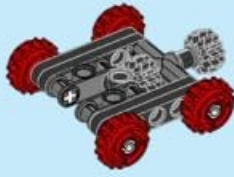


Figure 4: Assembly steps 8 through 10. This section guides the construction of the lower part of the crane arm and its connection point.



6



7

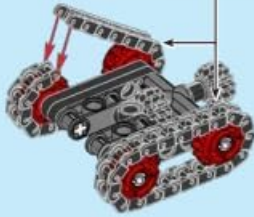


Figure 5: Assembly steps 11 through 13. This section continues the assembly of the crane arm, adding structural elements.

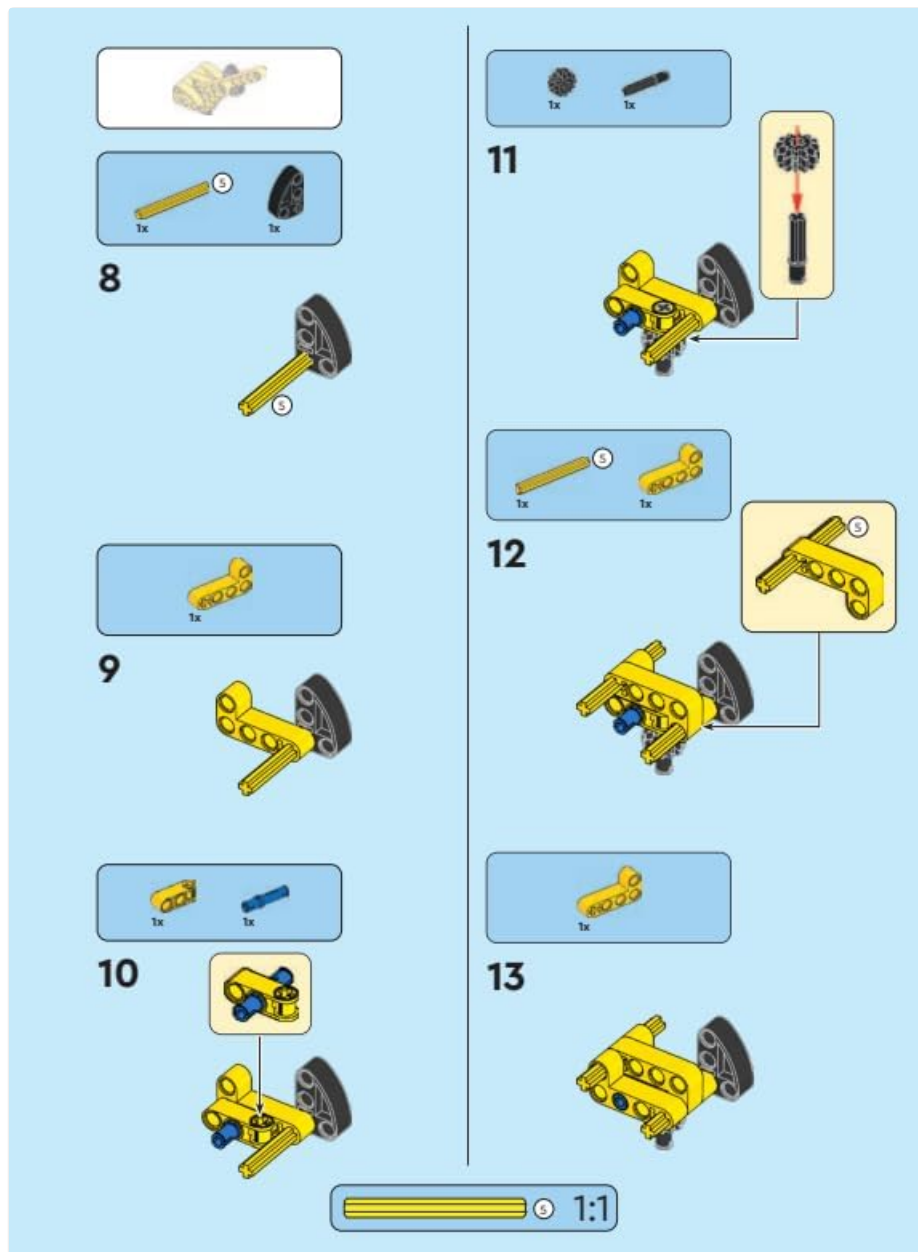


Figure 6: Assembly steps 14 and 15. This section details the extension and final shaping of the crane arm.

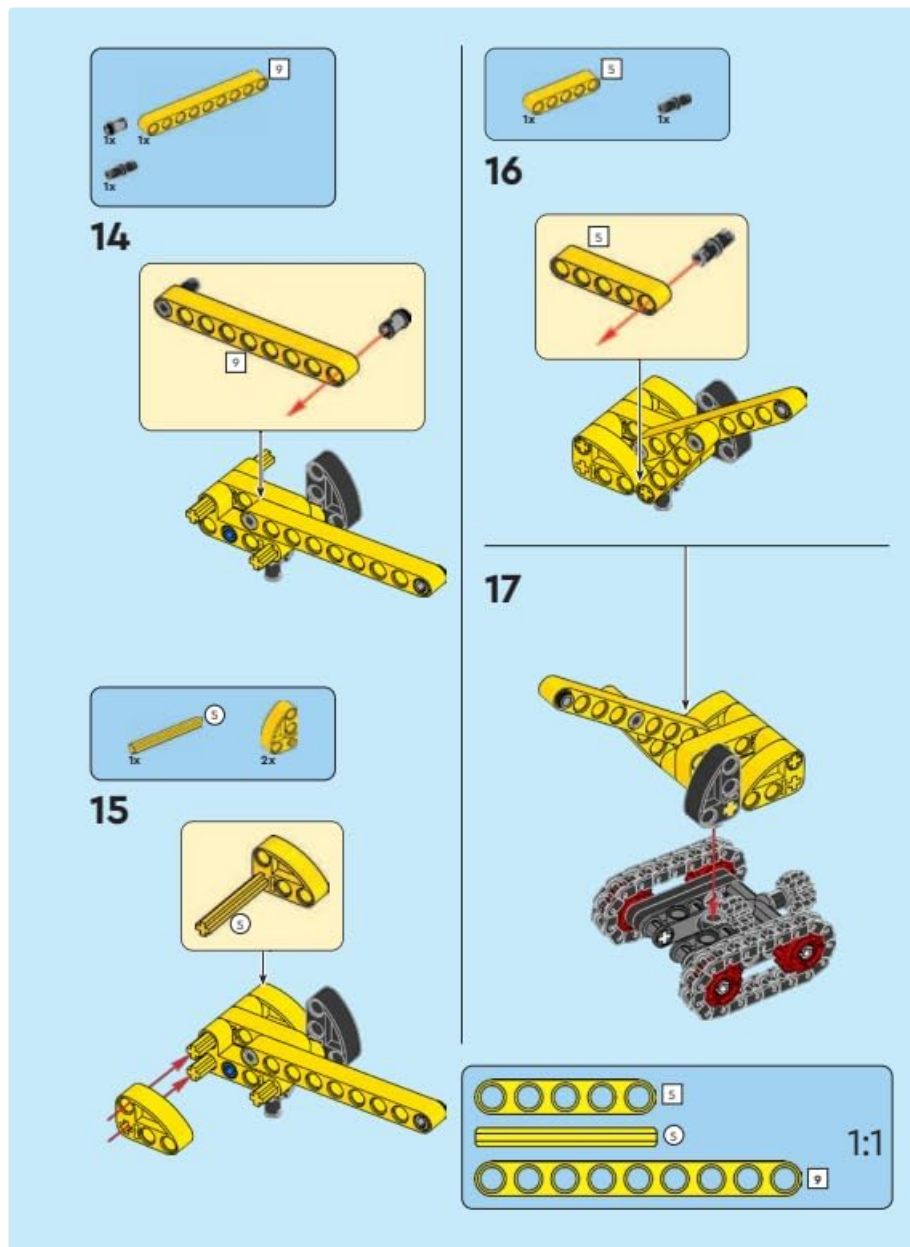


Figure 7: Assembly steps 16 and 17. This section shows how to connect the completed crane arm assembly to the tracked chassis.

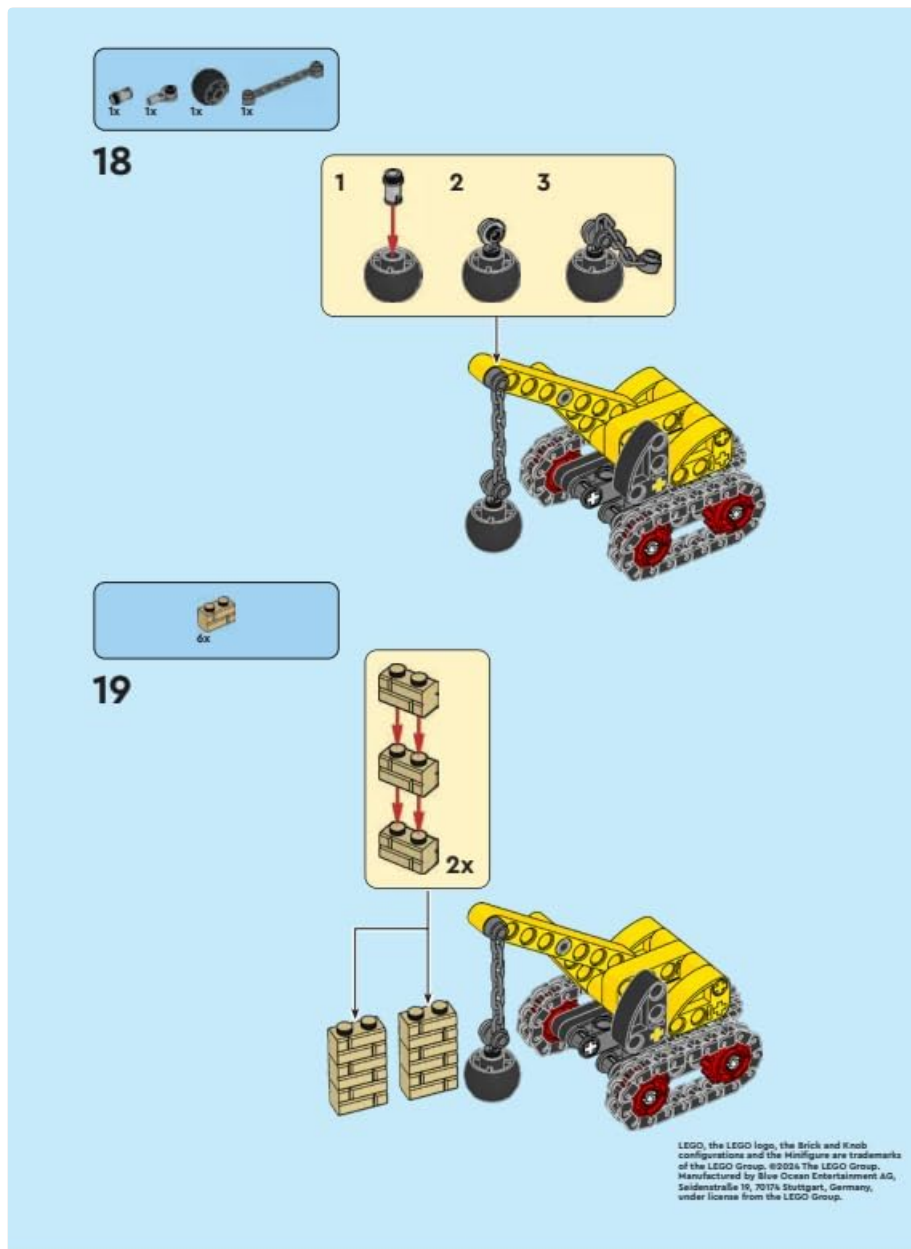


Figure 8: Assembly steps 18 and 19. This final section illustrates the attachment of the wrecking ball to the crane arm and the assembly of the small brick structures.

OPERATING INSTRUCTIONS

The LEGO Technic Mini Crane with Wrecking Ball operates manually. Once assembled, you can:

- **Move the Crane:** Push or pull the crane along a flat surface. The tracks are designed for smooth movement.
- **Position the Crane Arm:** The crane arm can be manually adjusted up and down at its pivot point to achieve different angles.
- **Use the Wrecking Ball:** Swing the wrecking ball attached to the chain to simulate demolition tasks. Ensure the area is clear before swinging.

MAINTENANCE

To ensure the longevity of your LEGO Technic set:

- **Cleaning:** Clean LEGO bricks with a mild soap solution and lukewarm water (not exceeding 40°C / 104°F). Rinse thoroughly and air dry. Do not use hot water, harsh chemicals, or abrasive materials.

- **Storage:** Store the set in a clean, dry place away from direct sunlight and extreme temperatures to prevent discoloration or warping of plastic elements.
- **Handling:** Handle the model with care to avoid accidental disassembly or damage to delicate parts.

TROUBLESHOOTING

If you encounter issues during assembly or operation:

- **Missing Pieces:** Double-check the packaging and surrounding area. If a piece is genuinely missing, contact LEGO Customer Service.
- **Difficulty Assembling:** Review the specific step in the instructions carefully. Ensure you are using the correct pieces and that they are oriented correctly. Sometimes, a small piece might be overlooked.
- **Model Instability:** Ensure all connections are firmly pressed together. Loose connections can lead to an unstable model.

SPECIFICATIONS

Brand	LEGO
Model Number	VVVTechnicCrane412401
Number of Pieces	86
Recommended Age	6+ years
Material Type	Plastic
Assembled Height	Less than 3 inches (approximate)
Operation Mode	Manual

WARRANTY AND SUPPORT

LEGO products are manufactured to high-quality standards. For information regarding warranty, missing parts, or further support, please visit the official LEGO website or contact LEGO Customer Service directly. You can often find detailed support and replacement part options on their website.

Official LEGO Website: www.lego.com