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LEGO 42213

LEGO Technic Ford Bronco (Model 42213) Instruction Manual

1. INTRODUCTION AND OVERVIEW

This manual provides comprehensive instructions for assembling, operating, and maintaining your LEGO Technic Ford Bronco building set (Model 42213). Designed for builders aged 9 and up, this set allows you to construct a detailed replica of the iconic Ford Bronco SUV, featuring authentic mechanical functions.

The completed model includes working suspension, opening doors, functional steering, and a detailed V6 engine. It consists of 943 pieces, offering an engaging building experience that introduces engineering concepts.



Image: A child interacting with the built LEGO Technic Ford Bronco model, highlighting the detailed SUV off-roader design.

2. SAFETY INFORMATION

Please read and understand all safety information before beginning assembly.

- **Small Parts Warning:** This set contains small parts which may pose a choking hazard for children under 3 years of age. Keep all components out of reach of infants and toddlers.
- **Age Recommendation:** This building set is recommended for ages 9 and up. Younger children may require adult supervision.
- **Assembly Environment:** Assemble the model on a clean, flat, and stable surface to prevent loss of small pieces.
- **Proper Handling:** Handle all LEGO elements with care. Do not force pieces together, as this may cause damage.

3. SETUP AND BUILDING INSTRUCTIONS

The LEGO Technic Ford Bronco (Model 42213) comes with detailed, step-by-step building instructions. You can follow these instructions in two ways:

- **Printed Manual:** A physical instruction booklet is included in the box. Follow the numbered steps carefully.
- **LEGO Builder App:** For an enhanced digital building experience, download the free LEGO Builder app. This app provides 3D visualization tools, allowing you to zoom, rotate, and track your progress.

Ensure all 943 pieces are accounted for before starting. Organize pieces by color and type to streamline the building process.



Image: A person using the LEGO Builder app on a tablet, demonstrating the digital building instructions.



Image: A close-up view of the LEGO Technic Ford Bronco's engine bay, showing the assembled suspension, V6 engine, and rear axle components.

4. OPERATING FEATURES AND FUNCTIONS

Once assembled, your LEGO Technic Ford Bronco model offers several interactive features:

- **Working Suspension:** The model features functional front and live rear axles, allowing the vehicle to articulate over uneven surfaces.
- **Opening Doors:** Both driver and passenger doors can be opened to reveal the interior details.
- **Functional Steering:** The vehicle can be steered by rotating the spare wheel mounted on the rear. This mechanism controls the front wheels.
- **Detailed V6 Engine:** Lift the hood to view the intricately designed V6 engine.
- **Roof Rack with Traction Boards:** The roof rack includes removable traction boards, enhancing the realistic off-road appearance.



Image: The LEGO Technic Ford Bronco demonstrating its steering function, controlled by rotating the spare wheel at the rear.



Image: A detailed view of the LEGO Technic Ford Bronco's roof rack, featuring two removable traction boards.

Your browser does not support the video tag.

Video: An overview of the LEGO Technic Ford Bronco model, showcasing its various features and functions.

5. MAINTENANCE

Proper care will ensure the longevity of your LEGO Technic Ford Bronco model.

- **Cleaning:** To clean your LEGO model, use a soft brush or a damp cloth with mild soap and water. Avoid harsh chemicals or abrasive materials. Do not submerge the entire model in water.
- **Dust Removal:** Use a soft, dry cloth or a can of compressed air to remove dust from intricate areas.

- **Storage:** Store the model in a cool, dry place away from direct sunlight to prevent discoloration or warping of plastic elements.
- **Disassembly:** If disassembling the model, keep all pieces organized to facilitate future reassembly.

6. TROUBLESHOOTING

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

- **Missing Pieces:** If you find a piece is missing, first double-check all packaging and surrounding areas. If still missing, contact LEGO Customer Service for replacement parts.
- **Assembly Errors:** Carefully review the instruction manual steps where the error occurred. Disassemble only the necessary sections and reassemble according to the instructions.
- **Stiff Mechanisms:** Ensure all Technic pins and axles are fully inserted and aligned correctly. Sometimes, a slight adjustment can resolve stiffness in moving parts.
- **Loose Connections:** Verify that all connections are firm. LEGO Technic models rely on precise connections for structural integrity and functional mechanisms.

7. SPECIFICATIONS

Feature	Detail
Model Number	42213
Number of Pieces	943
Recommended Age	9 years and up
Product Dimensions (L x W x H)	11 in. (28 cm) x 5 in. (13 cm) x 5 in. (13 cm)
Item Weight	2.49 pounds (approximately 1.13 kg)
Release Date	August 1, 2025
Manufacturer	LEGO

8. WARRANTY INFORMATION

LEGO products are manufactured to high-quality standards. If you believe your product is defective or if you are missing parts, please refer to the official LEGO website for their warranty policy and replacement part services. LEGO typically offers a quality guarantee for their products.

For detailed warranty terms and conditions, please visit the official LEGO website or contact their customer service directly.

9. SUPPORT

For further assistance, technical support, or to order replacement parts, please contact LEGO Customer Service:

- **Online Support:** Visit www.lego.com/service for FAQs, building instructions, and contact options.
- **Phone Support:** Refer to the contact information provided on the LEGO website for your specific region.

When contacting support, please have your model number (42213) and any relevant purchase information ready.