

Raiser Building Instruction For The Lego Wedo Set

Are you a LEGO enthusiast? Do you love building intricate designs and bringing them to life? If so, you're probably already familiar with the LEGO Wedo sets. These sets provide an excellent opportunity for both kids and adults to exercise their creativity and engineering skills. In this article, we will guide you through the process of building the impressive Raiser model using the LEGO Wedo Set. Get ready to embark on an exciting building experience!

to the LEGO Wedo Set

The LEGO Wedo Set is a fantastic educational tool designed to introduce children to the world of robotics and programming. It allows kids to build their own LEGO models and bring them to life using a simple drag-and-drop coding interface. With the Wedo Set, building and coding merge seamlessly, making it the perfect platform for young engineers-in-the-making.

Introducing the Raiser Model

The Raiser model is one of the more advanced builds you can create with the LEGO Wedo Set. Its sleek design and moving parts make it a visually appealing creation. The Raiser's construction involves various technical aspects that will test your skills and push you to think creatively.

Raiser: Bulding instruction for the Lego Wedo 2.0

set by Ellen F. Feld([Print Replica] Kindle Edition)

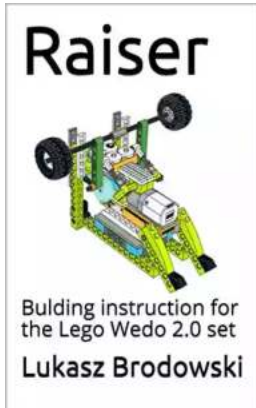
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Required LEGO Wedo Set Components

Before you begin building the Raiser model, make sure you have all the necessary components from your LEGO Wedo Set:

- 1 LEGO Wedo SmartHub
- 2 Medium Motor
- 1 Tilt Sensor
- Various LEGO Technic beams, bricks, and connectors
- 1 USB cable for connecting the SmartHub to a computer

Step-by-Step Building Instructions

Now that you have all your components ready, follow these step-by-step instructions to build your very own LEGO Wedo Raiser:

1. Step 1: Start by connecting the SmartHub to your computer using the provided USB cable. This will allow you to program and control your Raiser model later on.

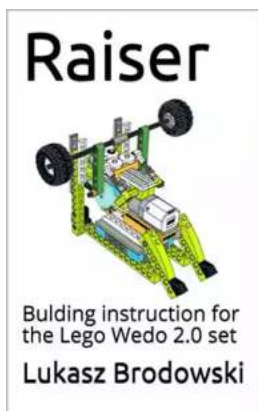
2. Step 2: Assemble the Raiser's body by building a strong foundation using LEGO Technic beams.
3. Step 3: Attach the Medium Motors to the foundation of the Raiser. These motors will be responsible for controlling the movement of the model.
4. Step 4: Connect the Tilt Sensor to the top of the Raiser. This sensor will detect the model's orientation and respond accordingly.
5. Step 5: Add additional LEGO bricks and connectors to create the aesthetic details of the Raiser, such as its cockpit and wings. Let your imagination run wild and make it your own masterpiece!
6. Step 6: Once your physical model is complete, it's time to dive into the coding part. Use the LEGO Wedo software to program the Raiser's movements and responses to the tilt sensor.
7. Step 7: Test your creation by running the program! See how the Raiser comes to life, moving and responding as you programmed it.

Enhance Your Building Experience

Building the LEGO Wedo Raiser model is just the beginning. To take your engineering skills to the next level, consider these tips:

- Experiment with different LEGO Technic pieces to modify the Raiser's design and functionality.
- Connect multiple LEGO Wedo SmartHubs together to create complex models that work in tandem.
- Challenge yourself to build other models using advanced building techniques.

The LEGO Wedo Set opens up a world of creativity and learning opportunities for both kids and adults. By building the Raiser model, you'll not only have an impressive model to display, but you'll also develop valuable engineering and programming skills along the way. So what are you waiting for? Get your LEGO Wedo Set, follow our building instructions, and let your imagination soar as you bring the Raiser to life!



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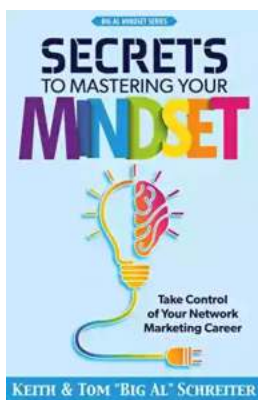
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Detailed assembly instructions from the Lego WeDo 2.0 set. The manual is ideal as a support material for learning Robotics and Coding. A working robot can be seen on my YT channel: https://youtu.be/_zByTomXzcs



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