

# LASER PEGS®

The Ultimate Construction Toy For Kids®

NATIONAL  
GEOGRAPHIC™

LANDMARKS  
& ARCHAEOLOGY

Ages 5+

30 Models+

ANY CREATION YOU CAN BUILD

**LIGHT UP**

CONSTRUCTION SET INCLUDES:

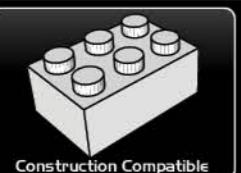
- 32 Laser Pegs®
- 244 Construction Parts
- 3-D Lite Board®
- Instruction Manual

Requires 3-AA Batteries

Batteries NOT  
Included

Please read this manual before you begin! Failure to follow this manual's instructions may result in damage to the 3-D Lite Board®, AC Adapter and/or Laser Pegs®. Not adhering to these instructions will void the manufacturer's warranty. The packaging must be kept because it contains important information.

**WARNING:**  
**CHOKING HAZARD**-Small parts. Not for children under 3 yrs. Do not submerge in water.



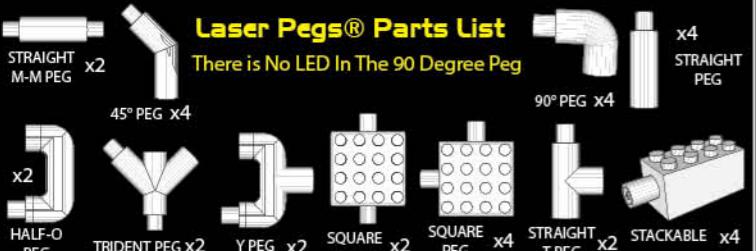
Construction Compatible

Compatible with other construction kits

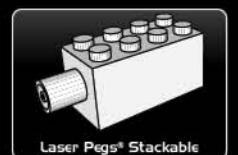
EN71, RoHS COMPLIANT  
This product complies to all safety requirements of ASTM F 963

## MODEL INSTRUCTIONS

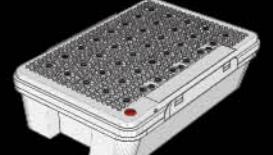
All additional model instructions can be downloaded at [www.LaserPegs.com](http://www.LaserPegs.com)



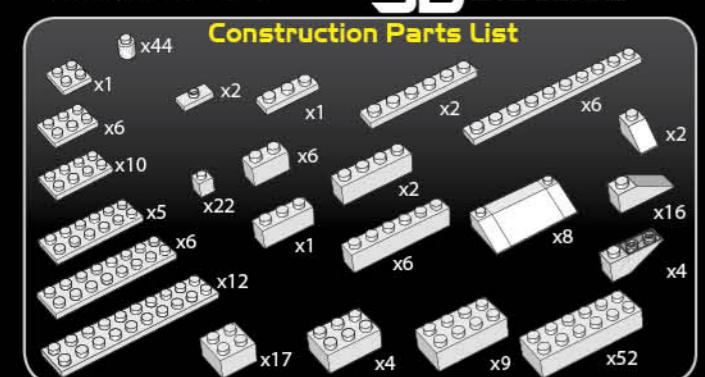
**\* Color Code** Each Laser Peg® is color coded on the circuit board inside each shape. There is No LED In The 90 Degree Peg.



Laser Pegs® link that allows you to connect to other construction kits.



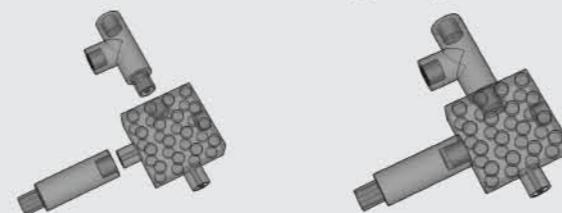
Sound Activated  
**3D LITE BOARD®**



[www.LaserPegs.com](http://www.LaserPegs.com)

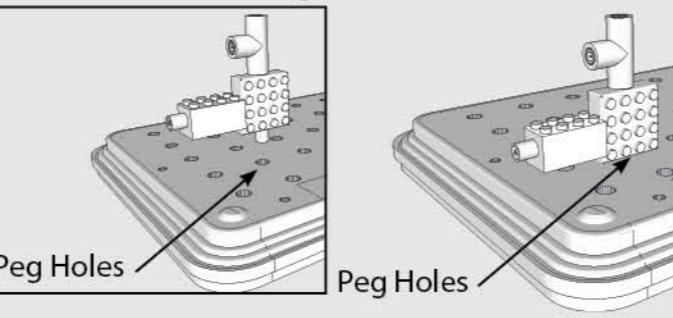
This manual is copyright and cannot be reproduced or used online without Laser Pegs®Ventures LLC permission. © Copyright 2014. All Rights Reserved US Patent #7,731,558 Additional Global & Multiple Patents Pending. Laser Pegs®Ventures LLC, 8304 Consumer Ct Sarasota FL 34240. Contact: Support@LaserPegs.com

## Connecting Pegs



To construct with Laser Pegs®, slide two pieces together to form a connection. Slide each piece on and off smoothly. The 90° Pegs are essential to construction but they DO NOT LIGHT UP.

## Connect Laser Pegs® to 3D Lite Board®



## Press button to turn on/off

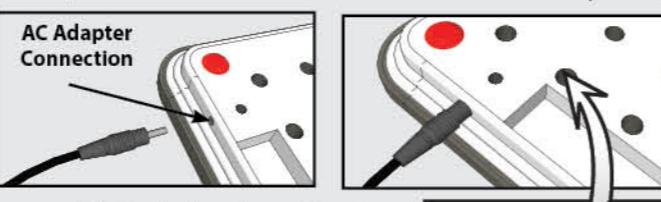
Push button to cycle through 4 different light settings.  
SOUND/ON/FLASH/FLASH FASTER

**WARNING: STROBE LIGHTS  
MAY CAUSE SEIZURES**

Power Button

## Connecting an AC Adapter

Plug AC Adapter Plug into the SIDE of the 3D Lite Board®. \*AC Adapter sold separately.



Remove all batteries from Laser Pegs® 3D Lite Board® power base before using 5-volt AC adapter.

\*To avoid short-circuits, keep metal objects and other unauthorized materials from obstructing the peg holes.  
Never connect more than 200 Laser Pegs® when using a 5-volt (2000mA) AC Adapter.

The AC Adapter and the 3D Lite Board® are to be regularly examined for damage to the cord, plug, enclosure and other parts, and in the event of such damage, they must not be used until the damage has been repaired.

## Battery Compartment

Batteries NOT  
Included

Battery Compartment  
Requires (3AA) Batteries

Place batteries in the correct position when using.

## Replacing Batteries

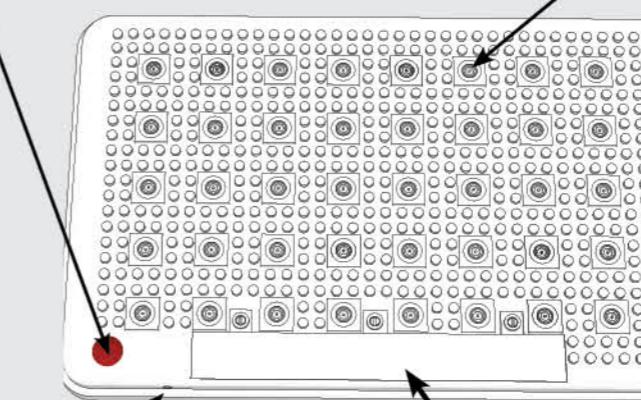
1. Remove the three (3) screws and the Battery Compartment Cover.
2. Place three AA batteries in the correct position - as displayed inside the 3D Lite Board®. **Batteries are to be inserted with the correct polarity.**
3. Replace the three (3) screws and the Battery Compartment Cover.
4. Push RED button to turn on!
5. Do not mix old and new batteries.
6. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium, NiMH) batteries!
7. Exhausted batteries are to be removed from the power base.
8. Never connect more than 200 Laser Pegs®.
9. Non-rechargeable batteries are not to be recharged.
10. Rechargeable batteries are only to be recharged under adult supervision.
11. Rechargeable batteries are to be removed from the toy before being recharged.
12. The supply terminals are not to be short-circuited.
13. Batteries should be recycled or disposed of as per state and local guidelines.
14. **DO NOT THROW BATTERIES INTO FIRE!**

## 3D Lite Board®

### Power Button

4 light settings.  
Press power button to change light setting.

SOUND/ON/FLASH/FLASH FASTER



### Peg Holes

Construction Kit Compatible Studs

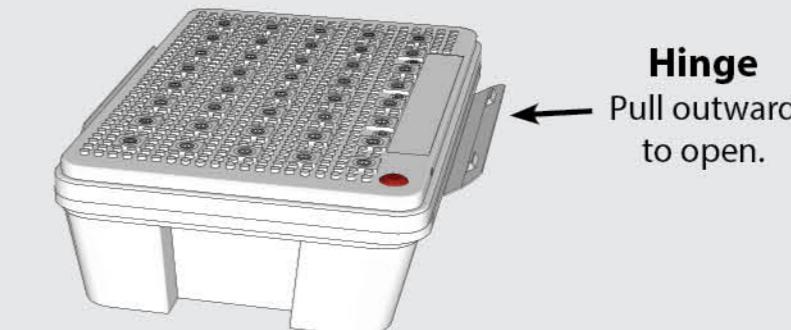
### Battery Compartment

Requires (3AA) Batteries

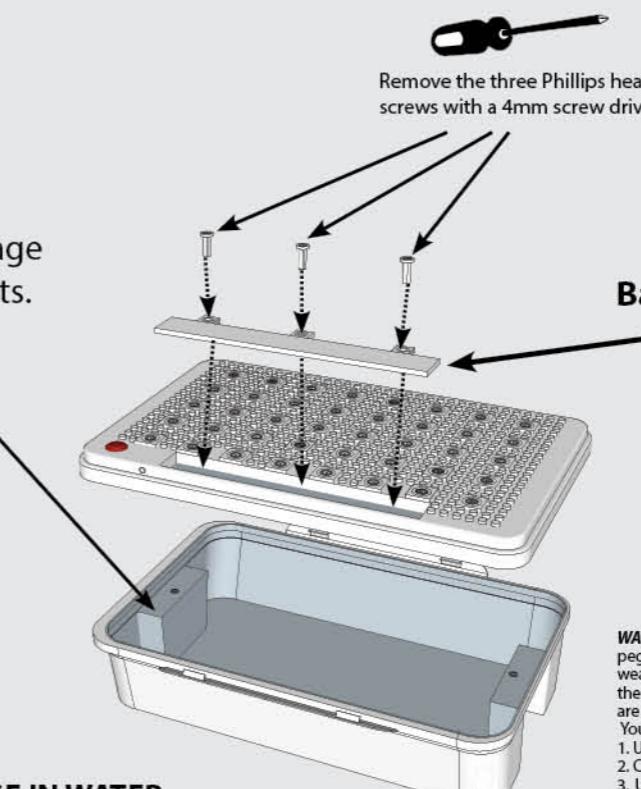
#### Environmental Phenomena

\* The unit may malfunction if subjected to radio-frequency interference. It SHOULD revert to normal operation when the interference stops. If not, it may become necessary to turn the power off and back on, or remove and reinstall the batteries.

\* In the unlikely event of an electrostatic discharge, the unit may malfunction and lose memory, requiring the user to reset the device by removing and reinstalling the batteries.



**Hinge**  
Pull outward to open.



Remove the three Phillips head screws with a 4mm screw driver.

## Tote Box

Designed for storage of Laser Pegs® parts.

**Battery Compartment Cover**

**DO NOT SUBMERGE IN WATER**

**WARNING!** Each Laser Peg® draws current from the batteries. Therefore, the more pegs you use, the quicker you will deplete your battery power! As the power weakens, the current will slowly fail and some Laser Pegs® will illuminate (typically the reds and yellows) and some won't. When the Laser Pegs® dim the Laser Pegs® are not broken, they just need stronger batteries or an AC Adapter.

You have 3 simple options...

1. Use a 5-volt AC Adapter -available from [www.LaserPegs.com](http://www.LaserPegs.com)

2. Change the batteries.

3. Use high quality batteries. They will last a little longer, but they will still deplete rapidly the more laser pegs you connect!

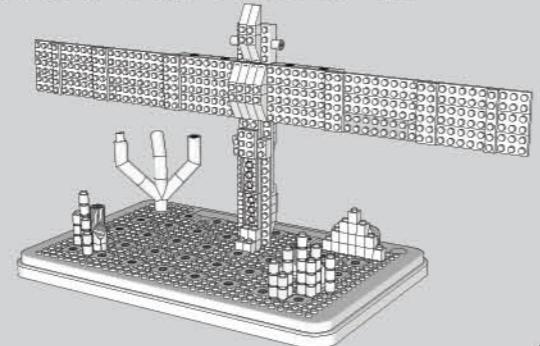
ANGEL OF THE NORTH: Designed by artist Antony Gormley, this steel angel has scraped the sky near the north-eastern town of Gateshead, England, since 1998. The largest sculpture in the United Kingdom, the Angel of the North is 20 meters (about 65 feet) tall and has a wingspan greater than that of a Boeing 767 jet.



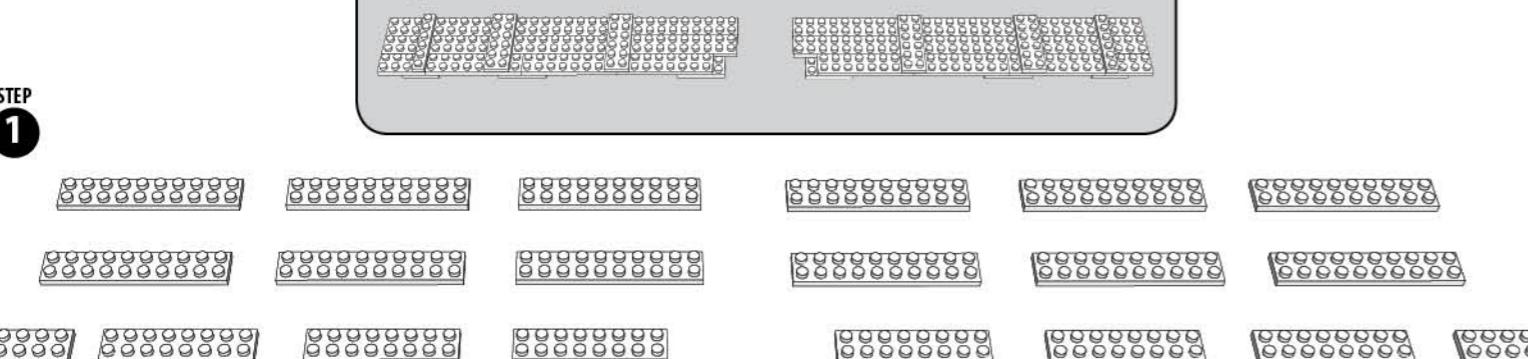
## ANGEL OF THE NORTH

Model  
Difficulty  
Level

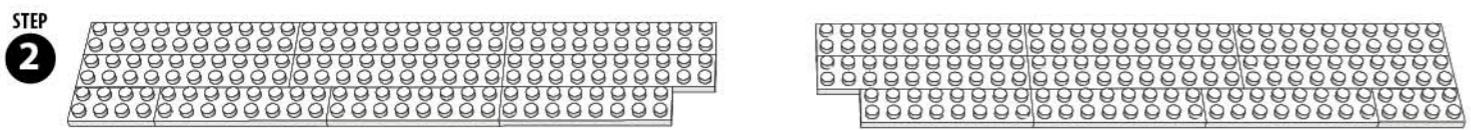
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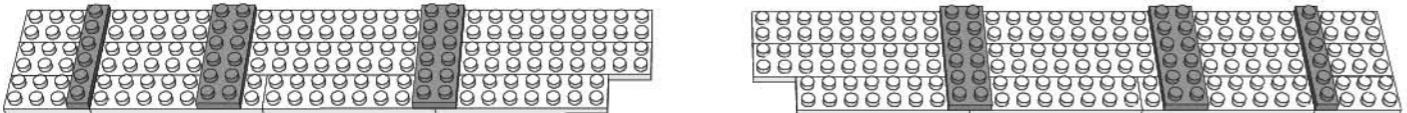
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STEP  
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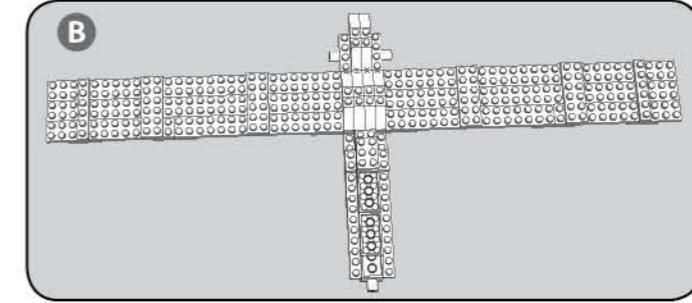
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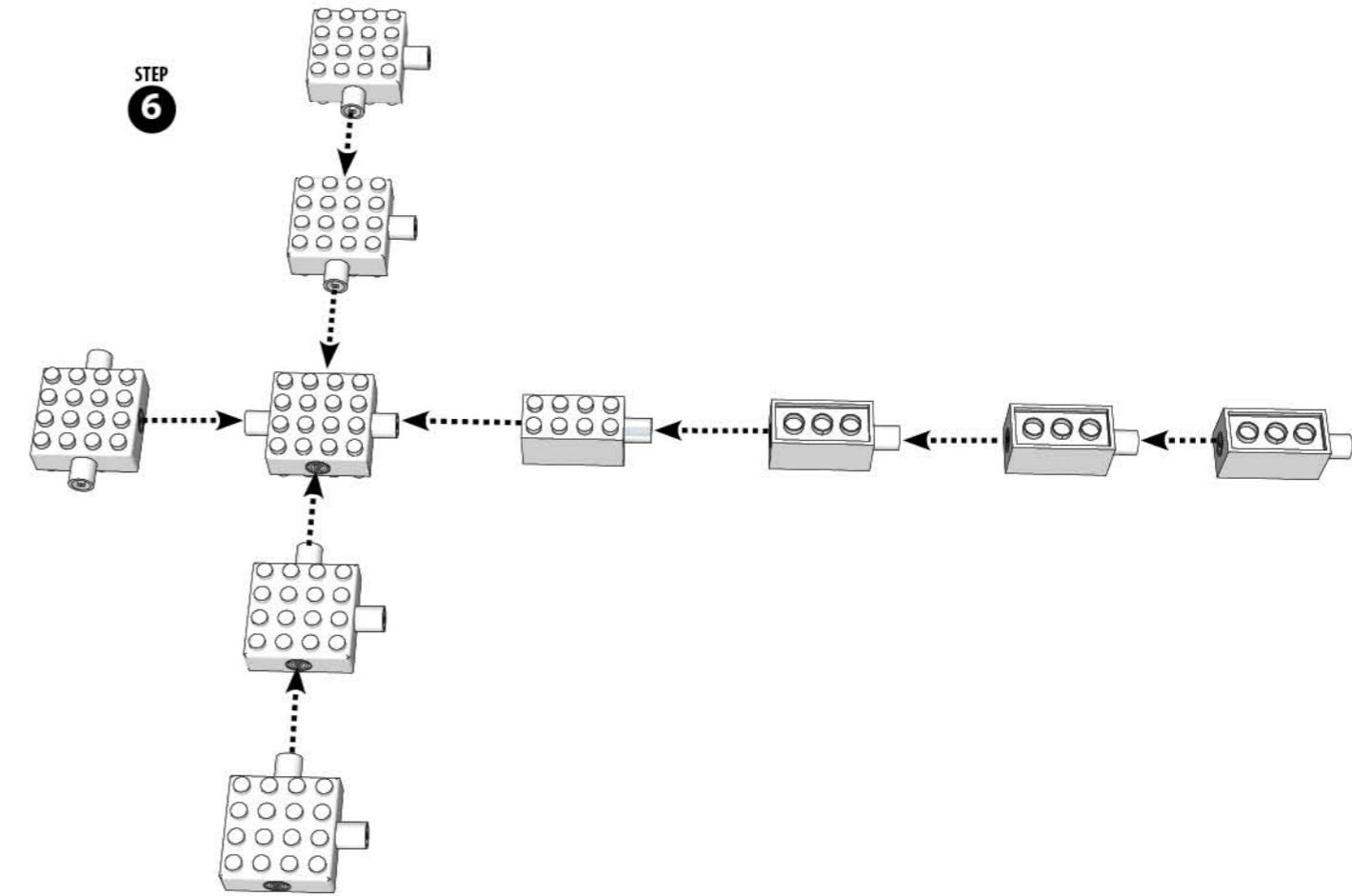
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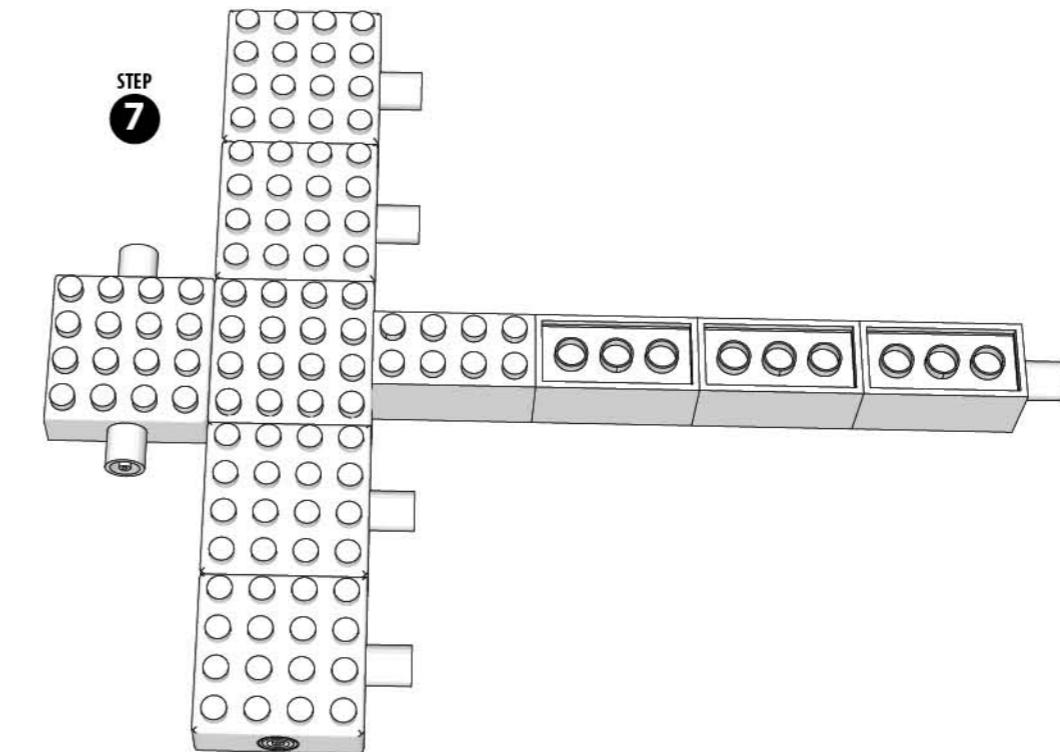
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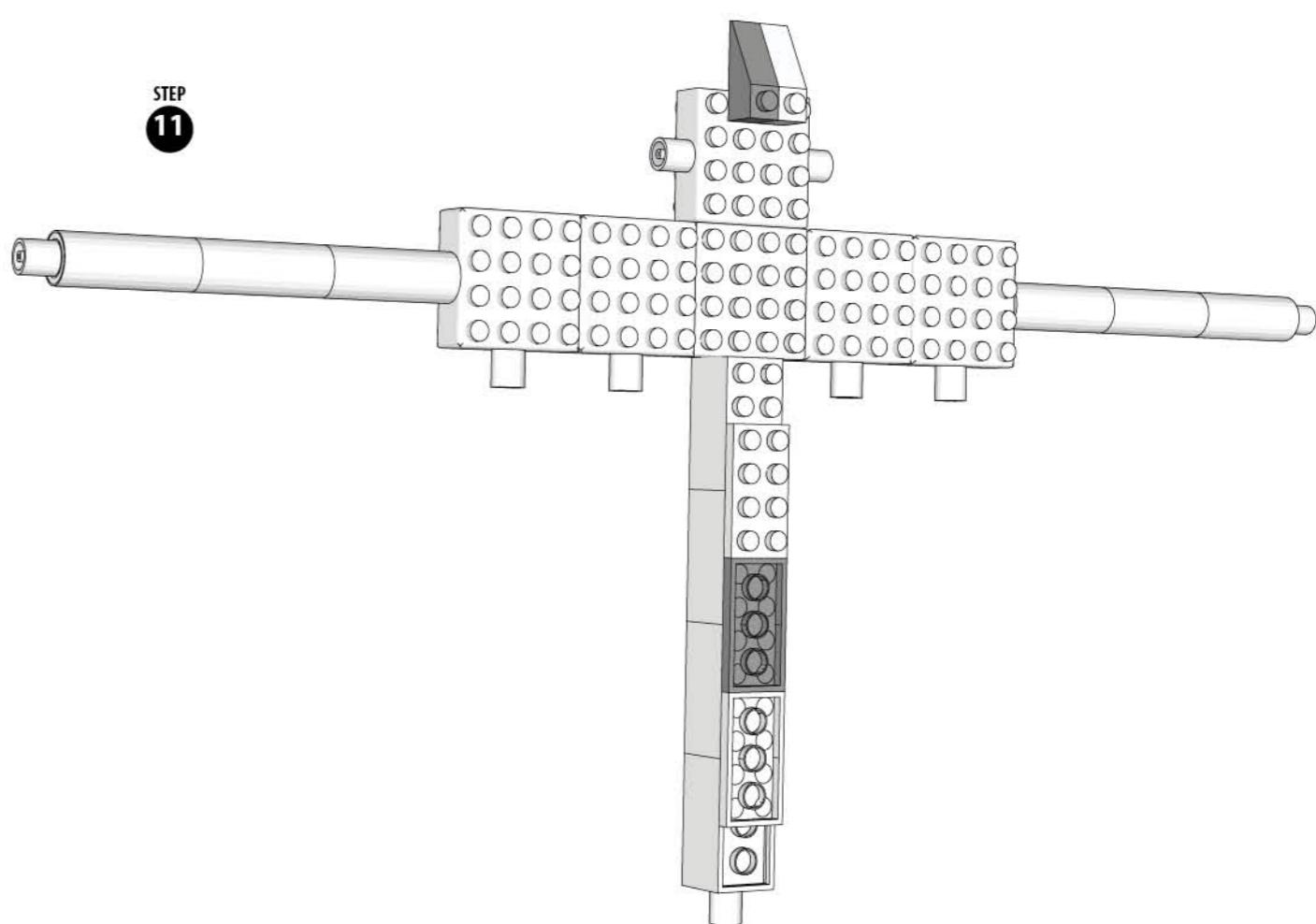
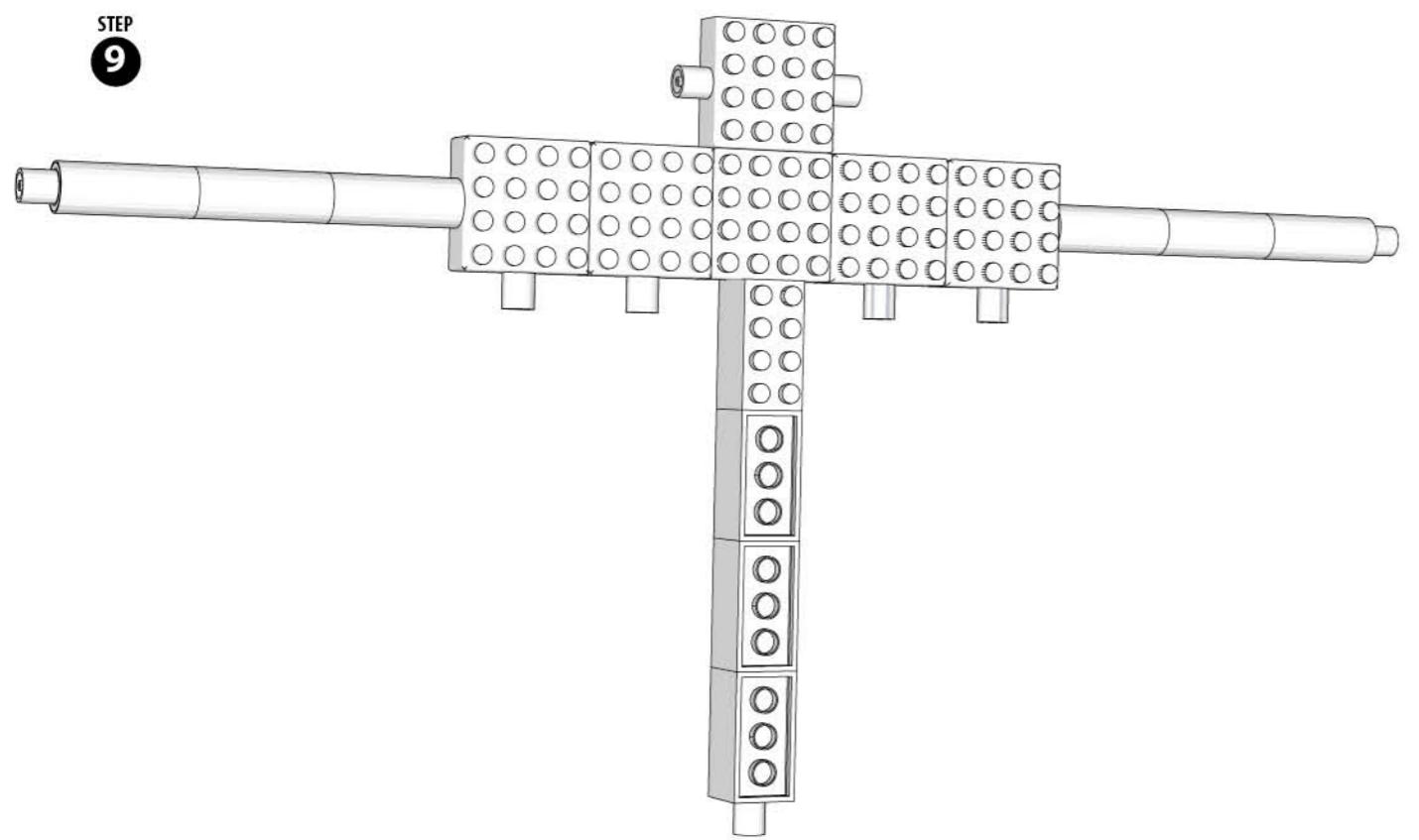
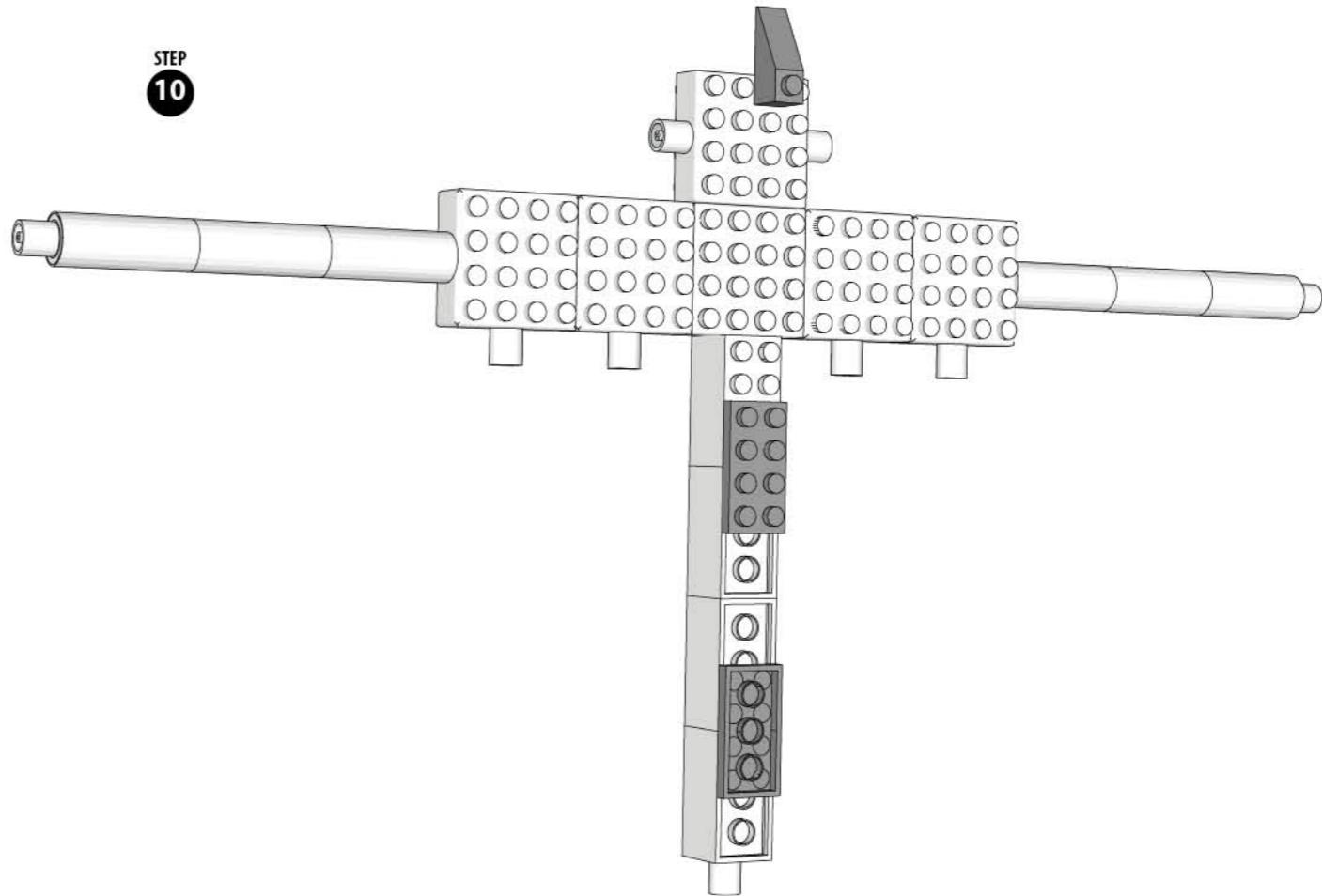
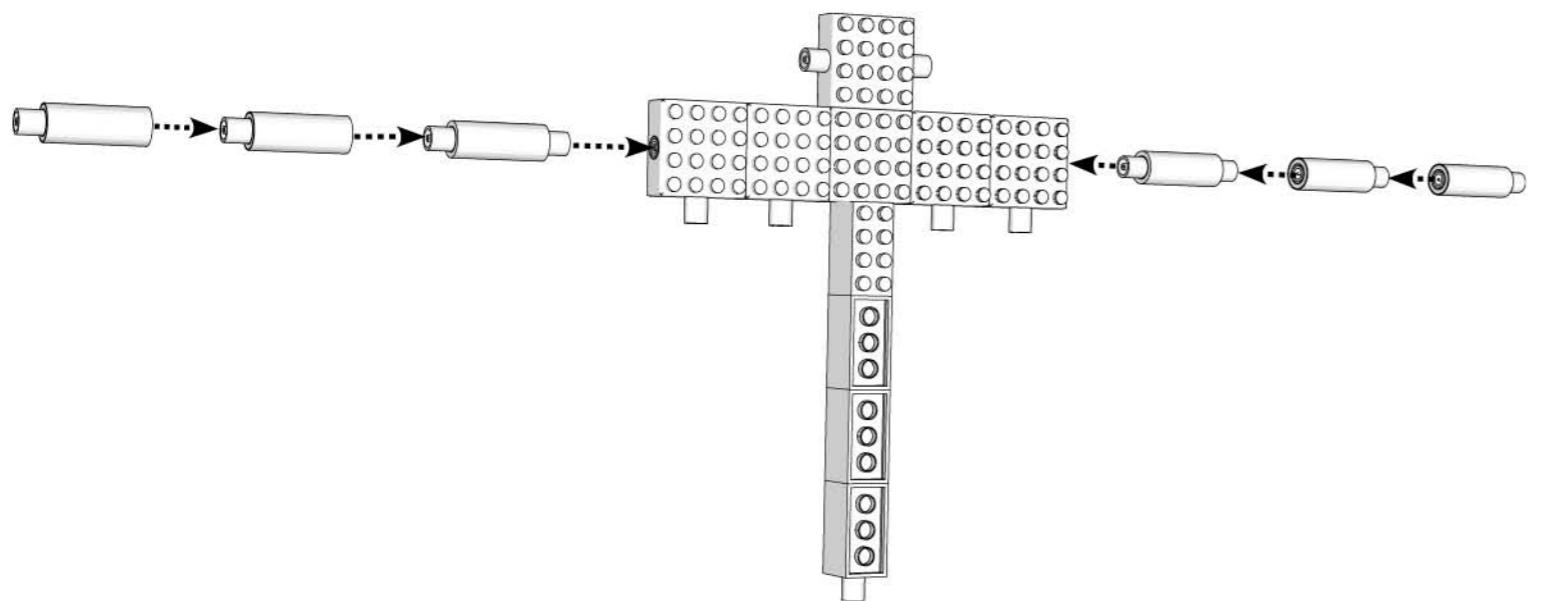


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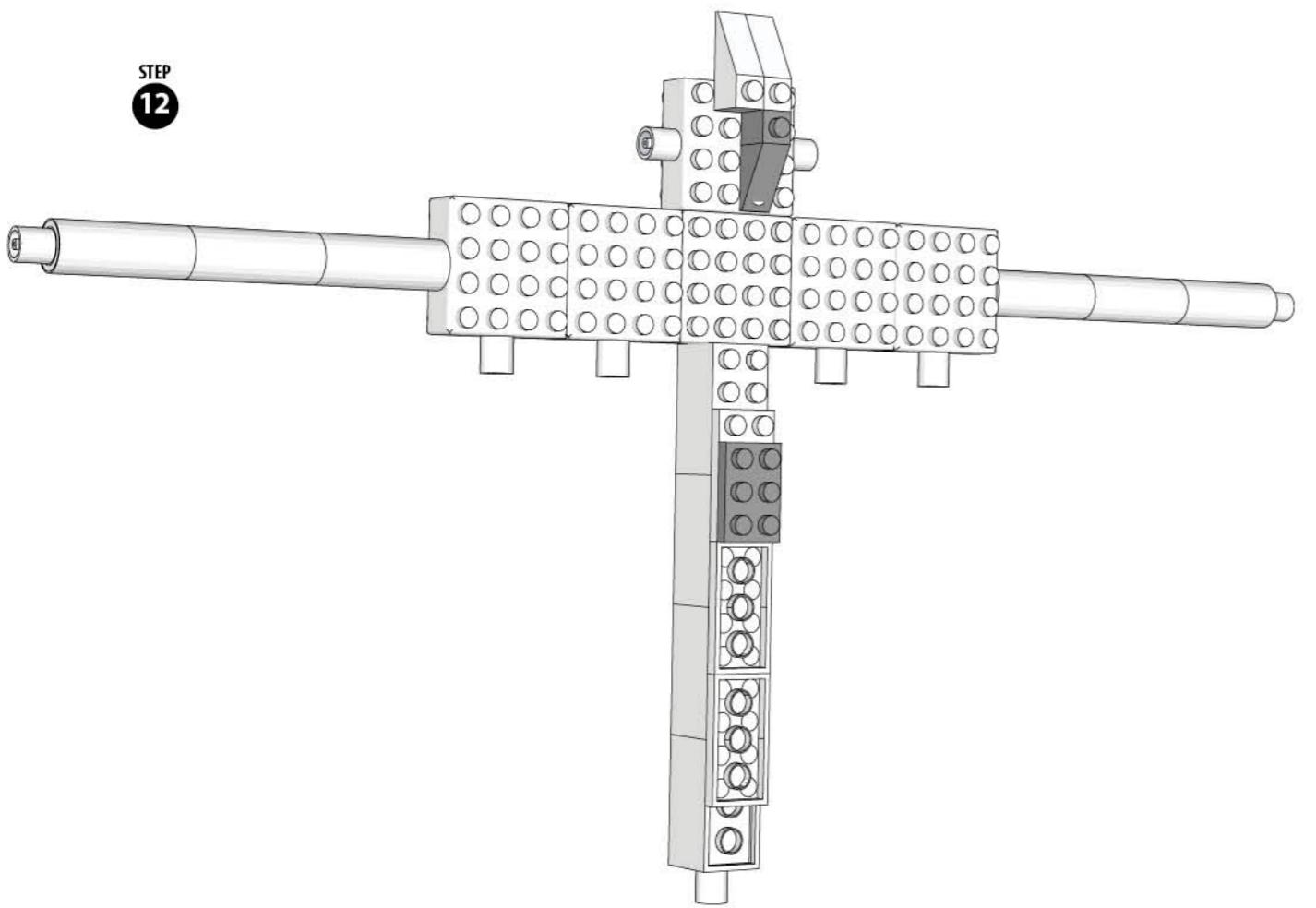


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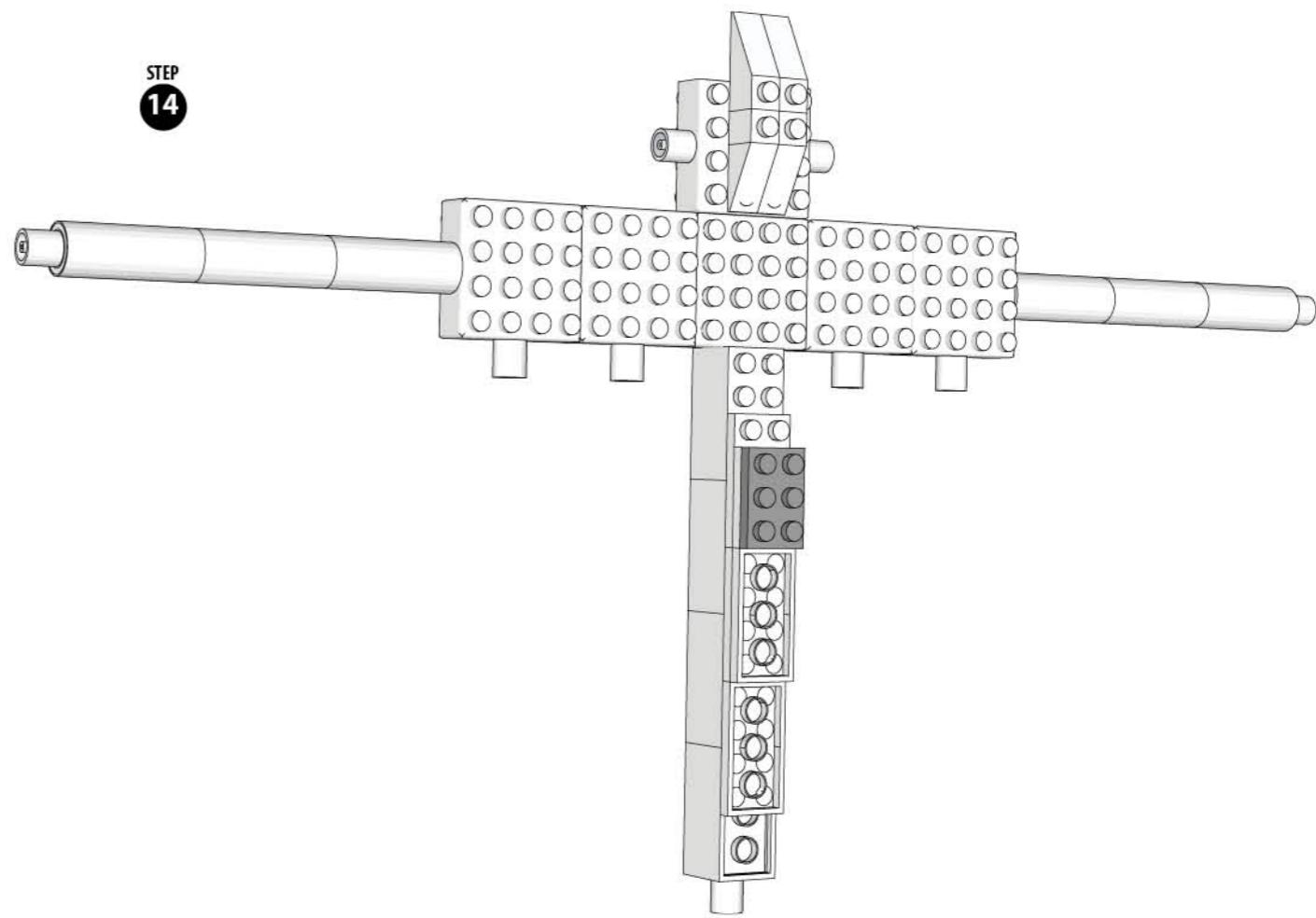




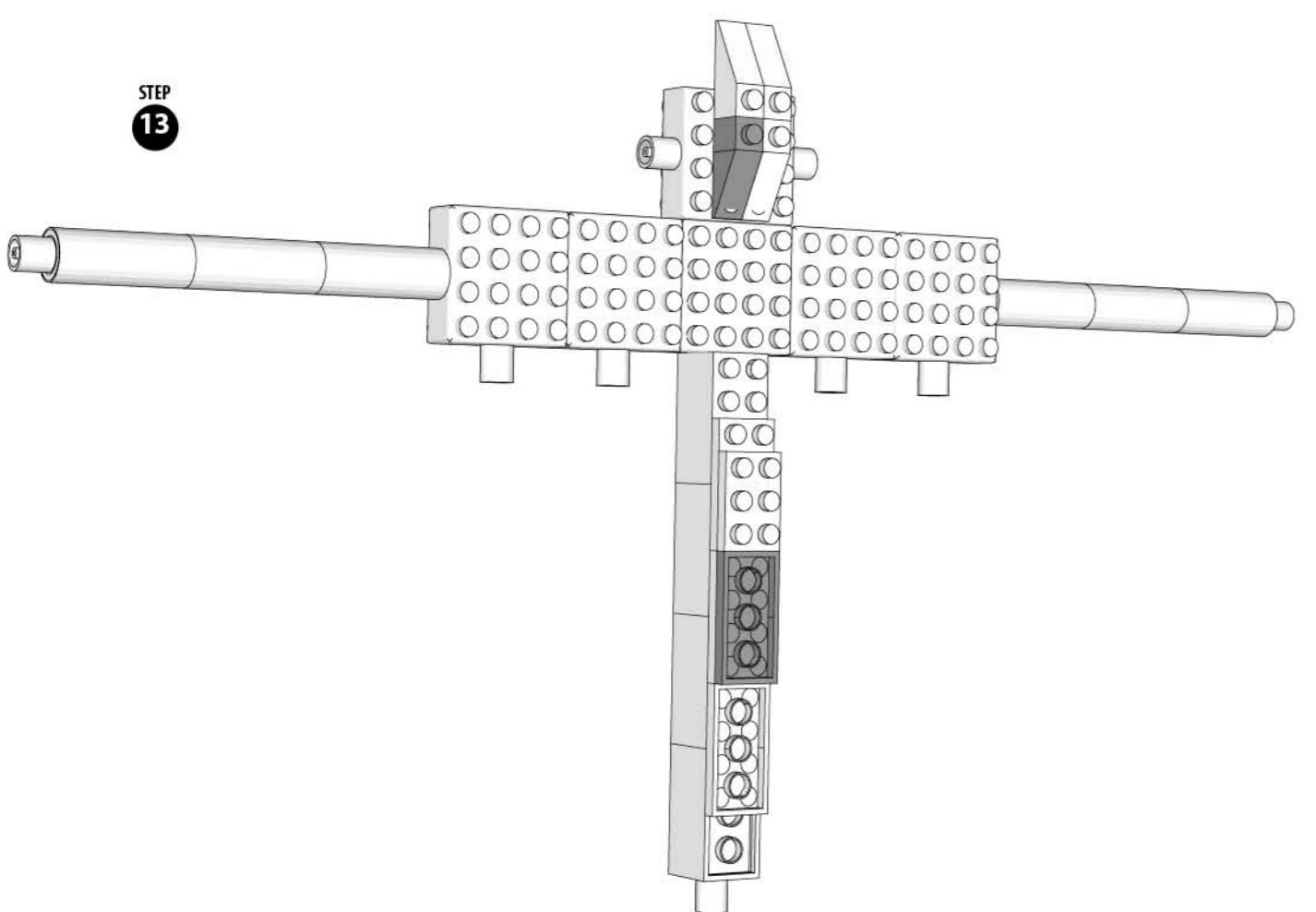
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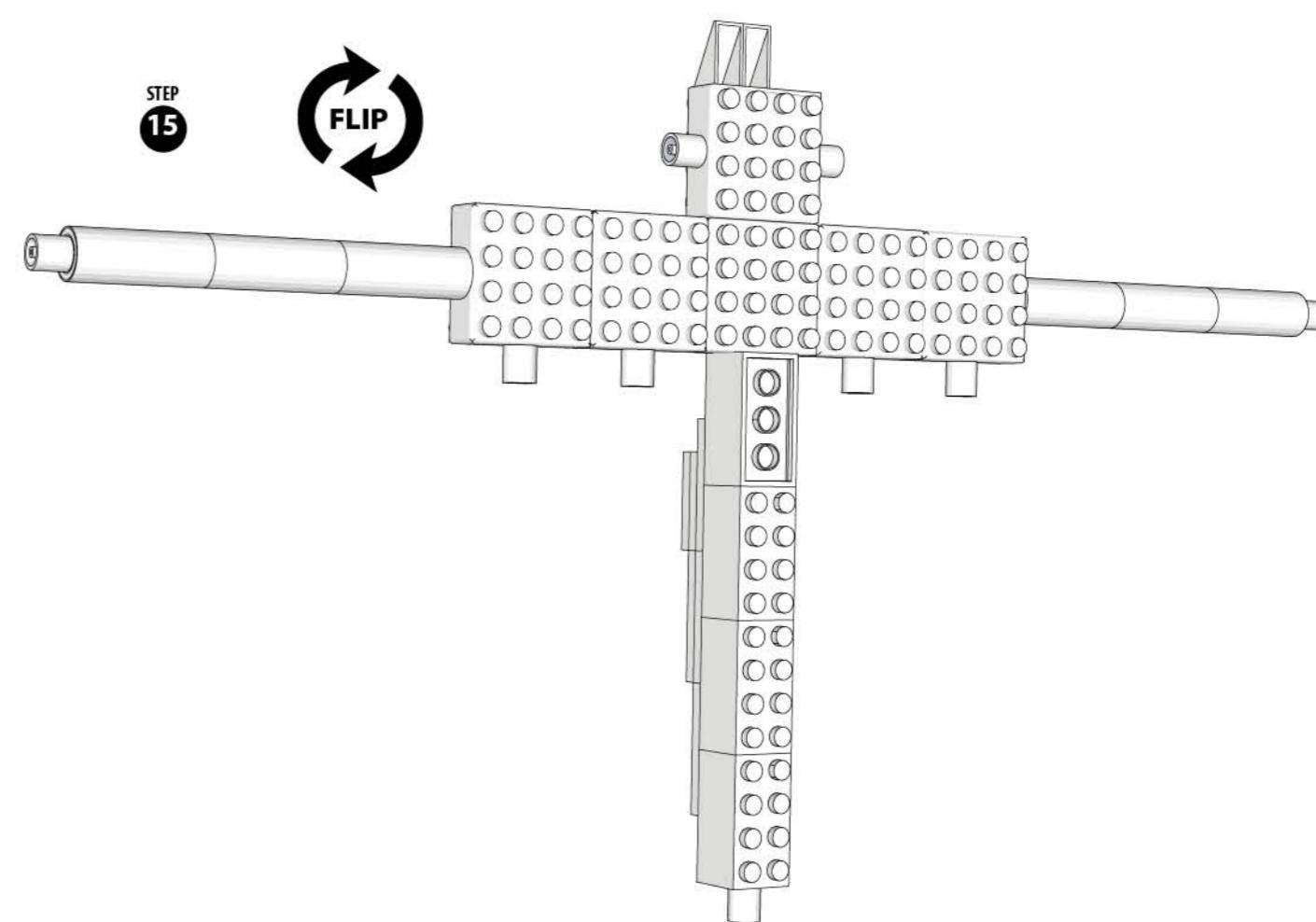
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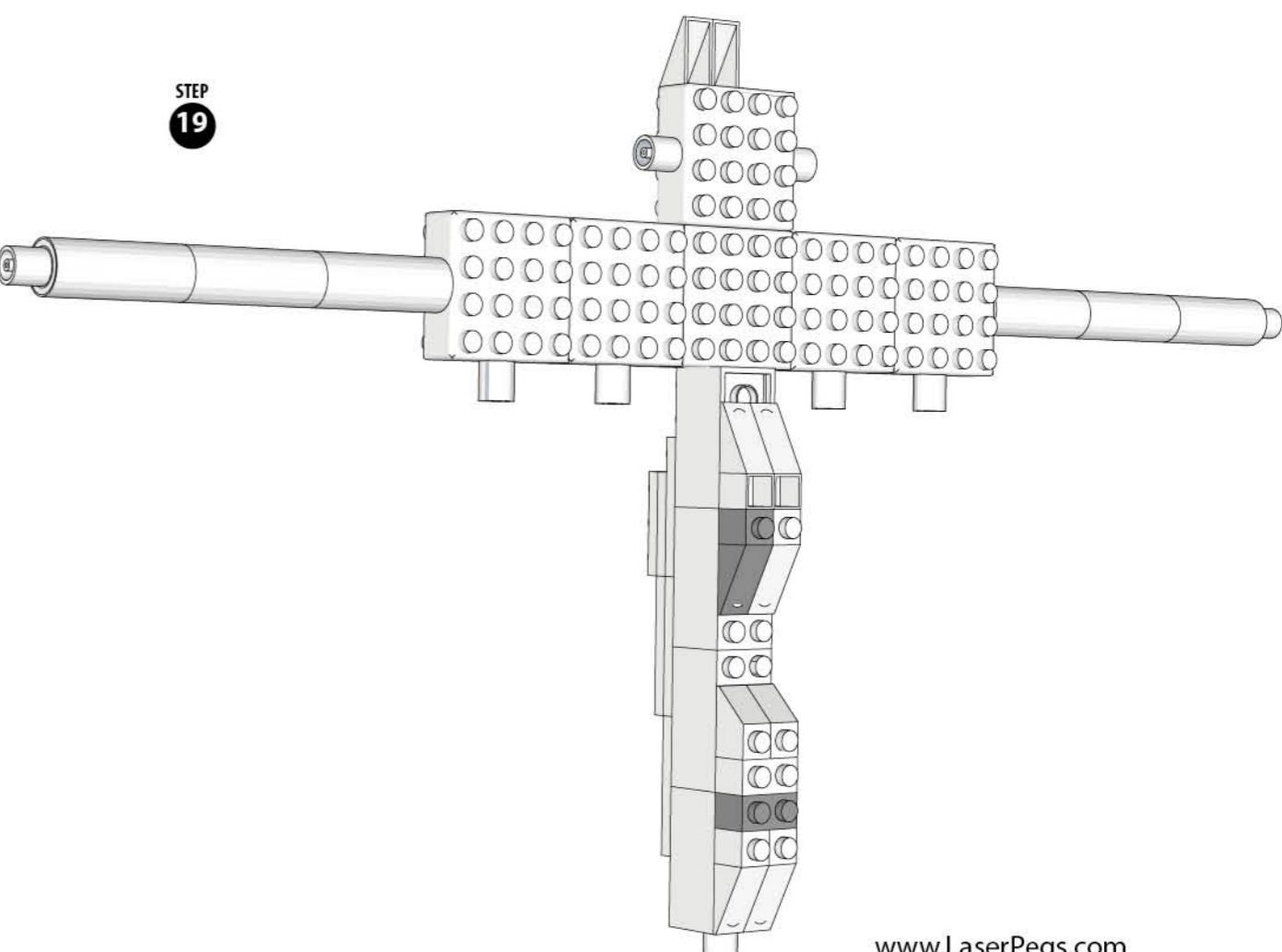
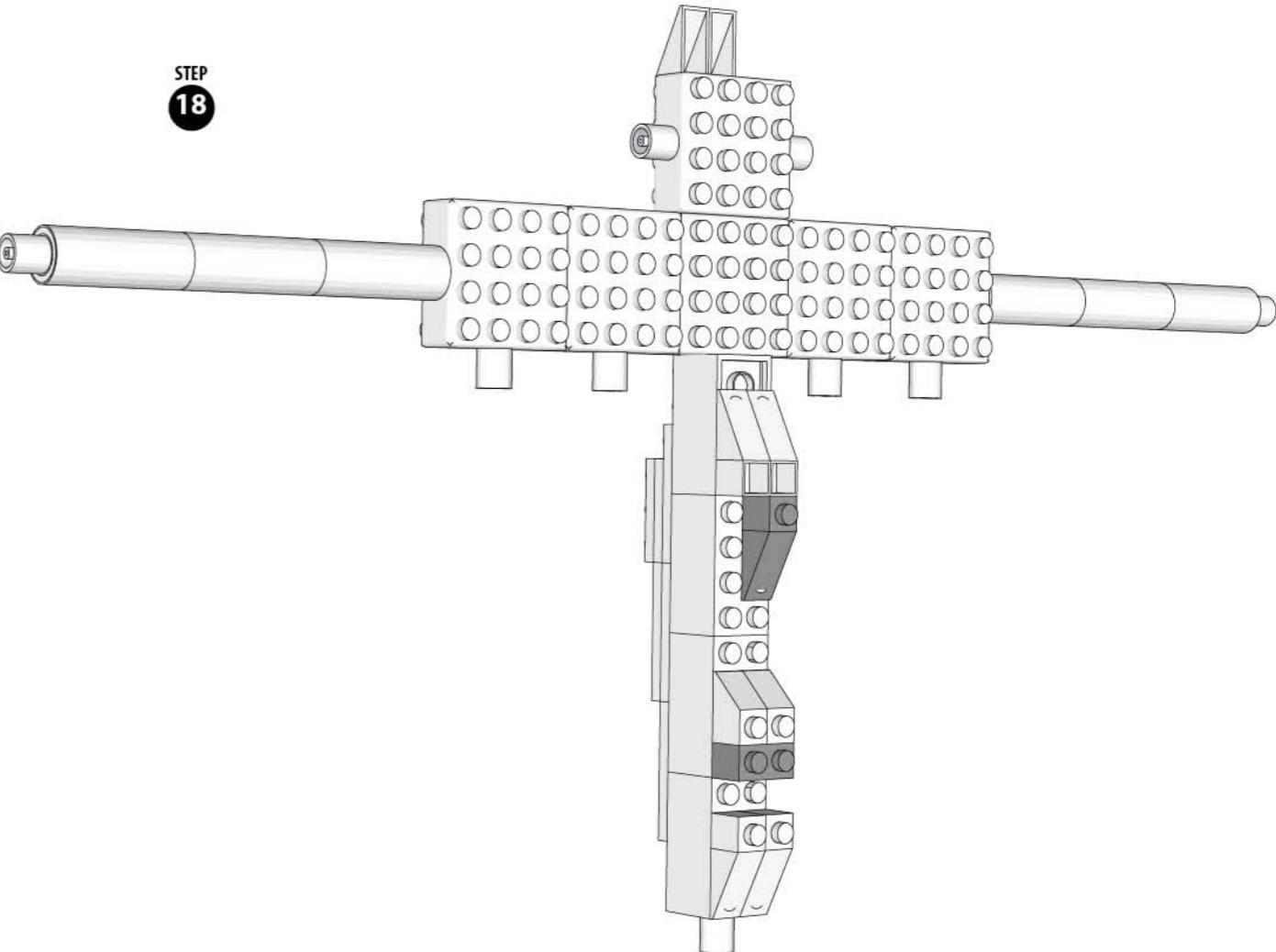
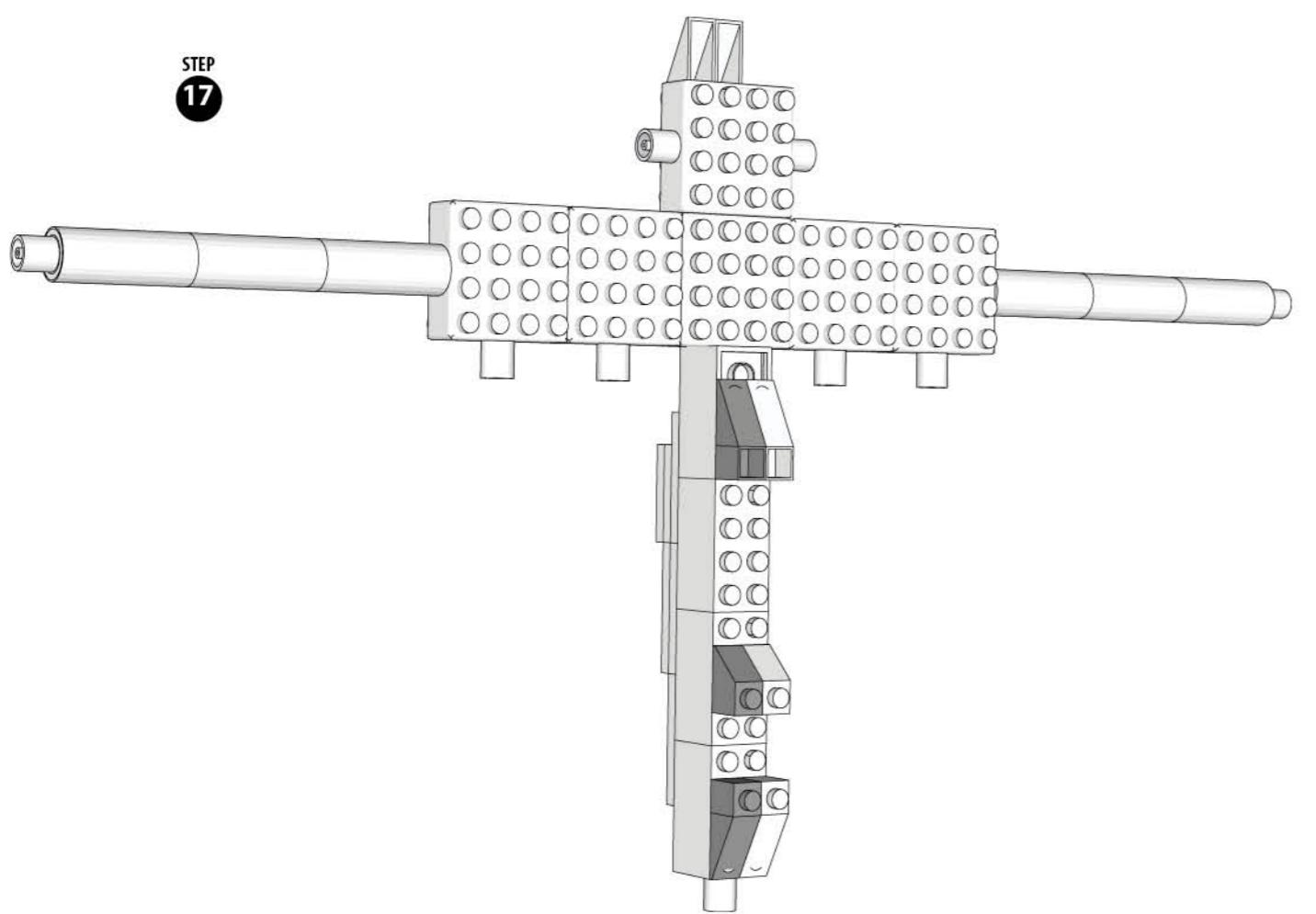
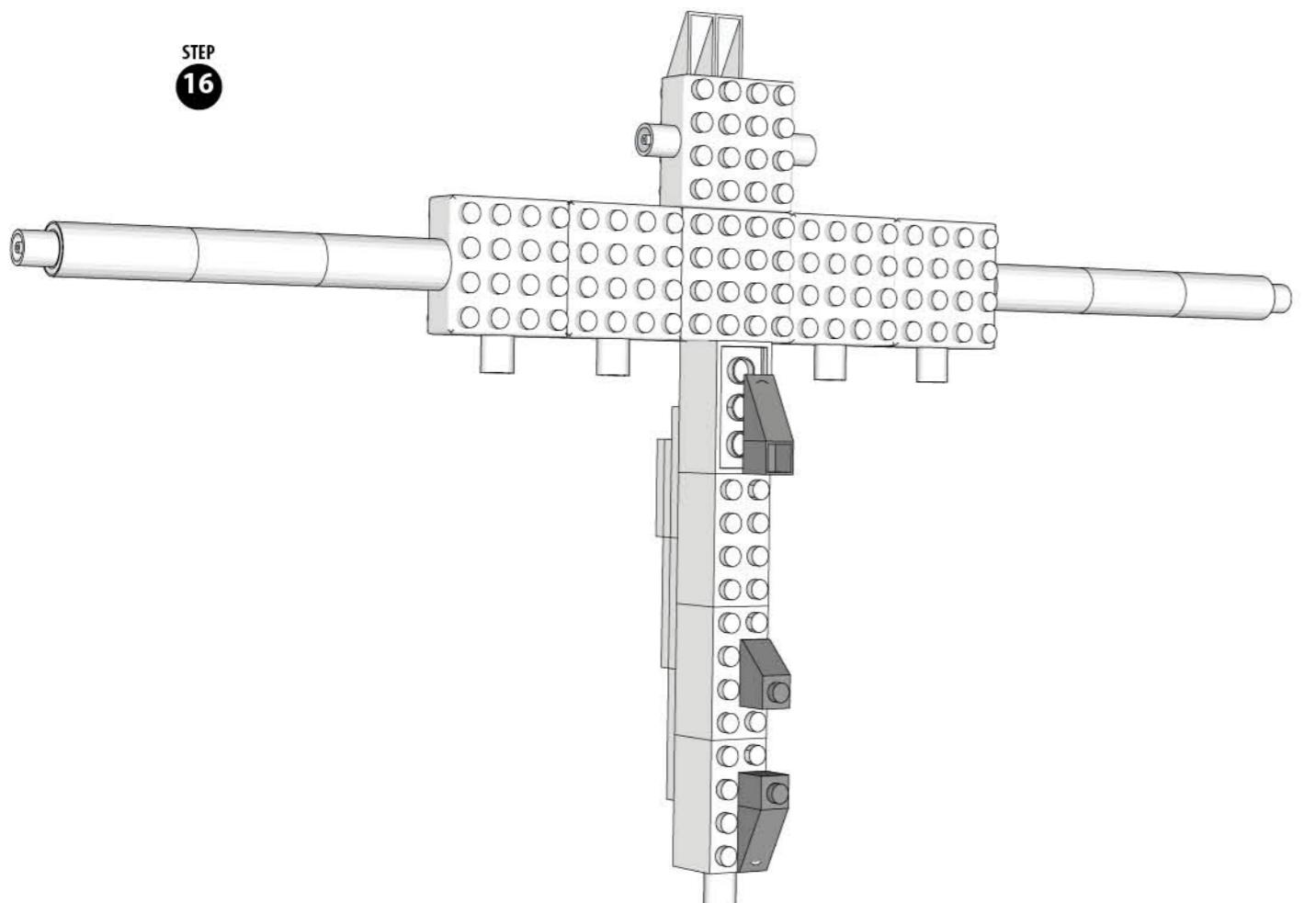


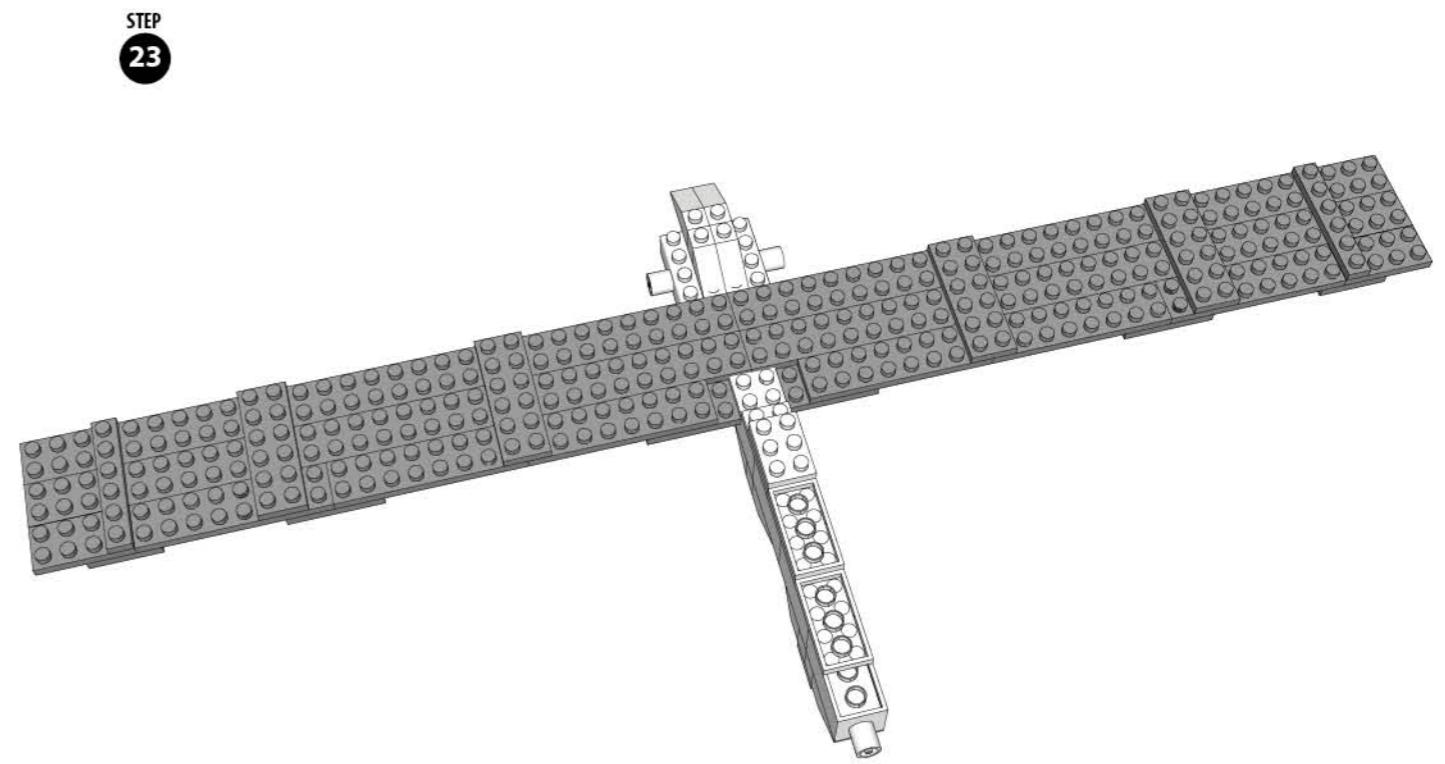
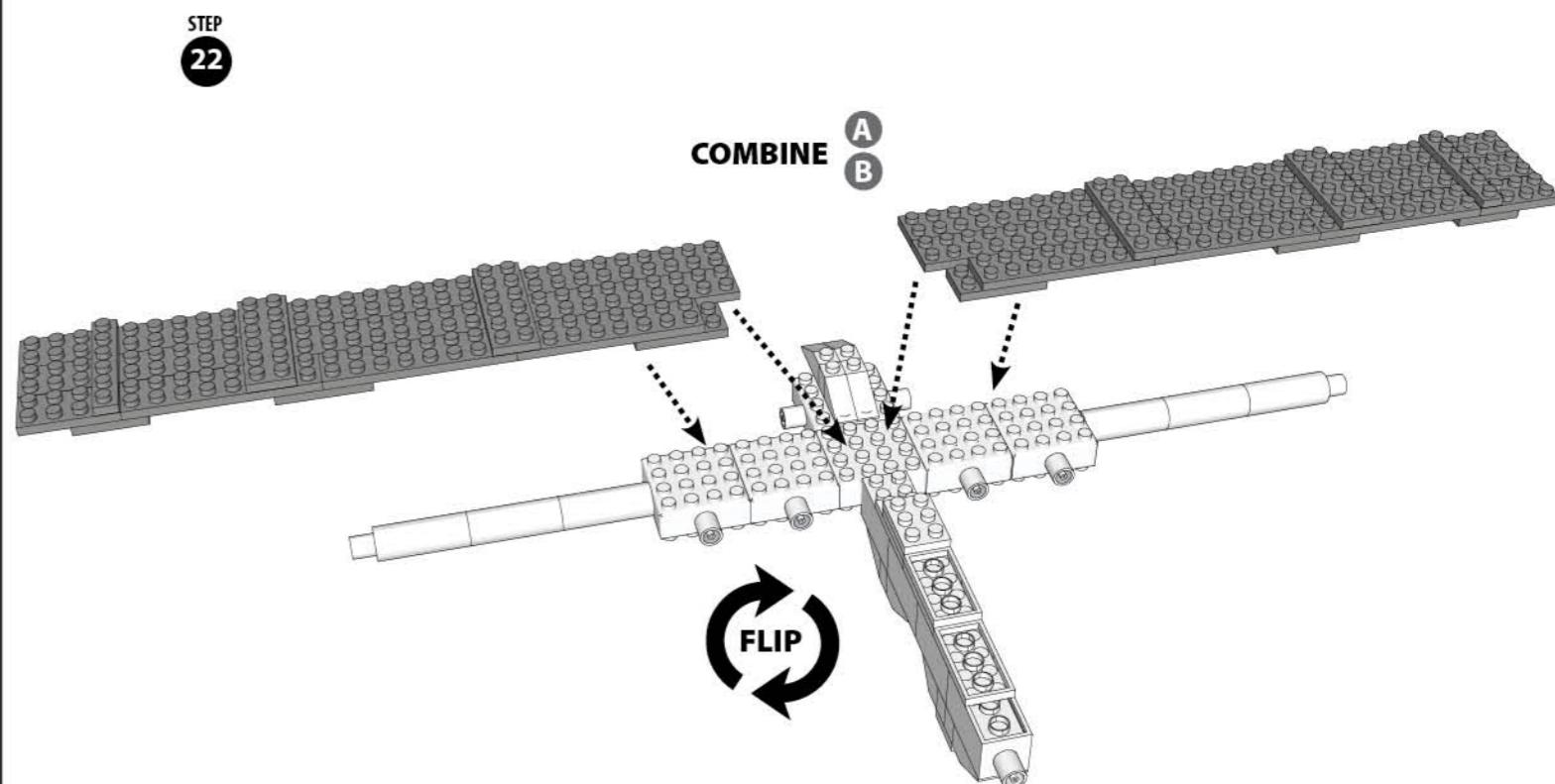
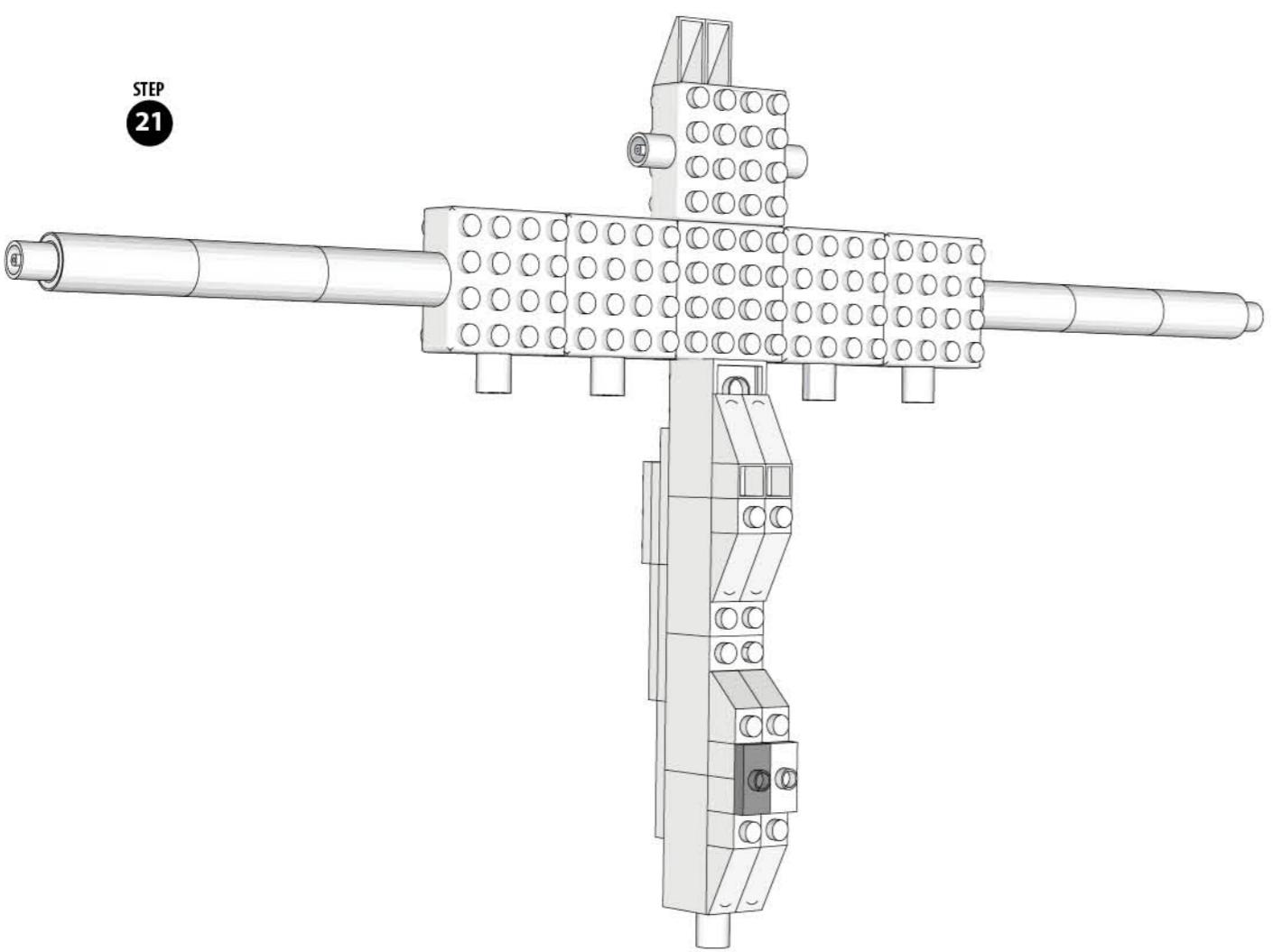
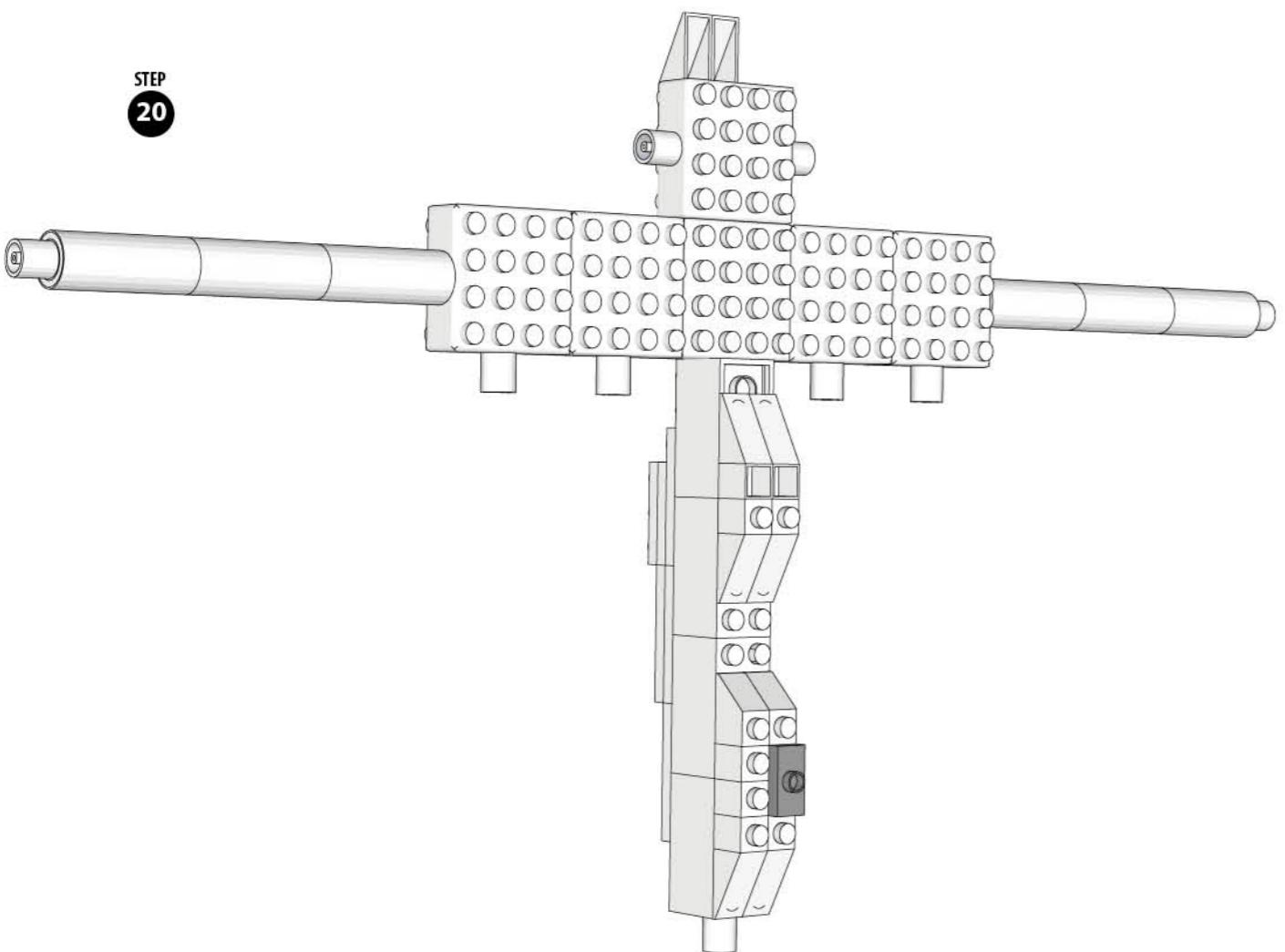
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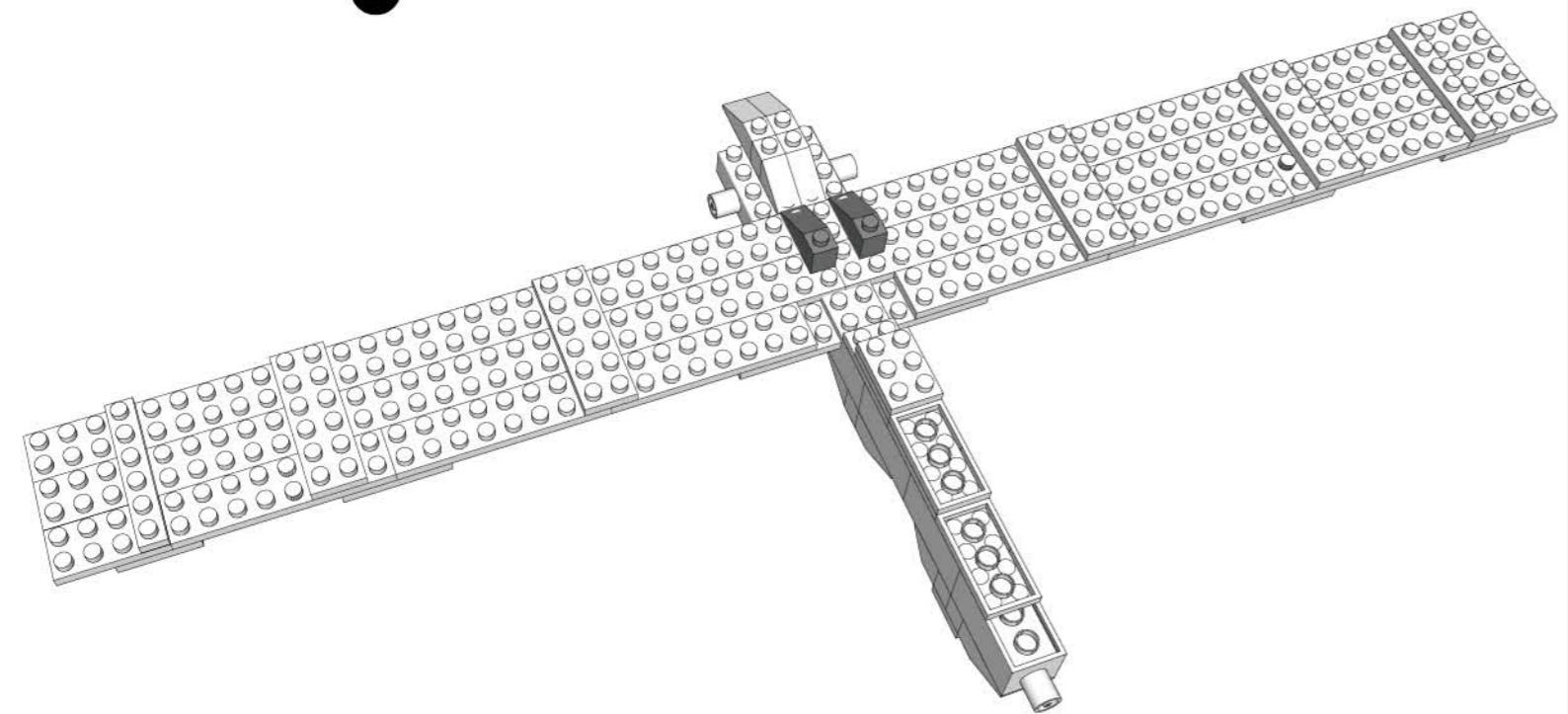
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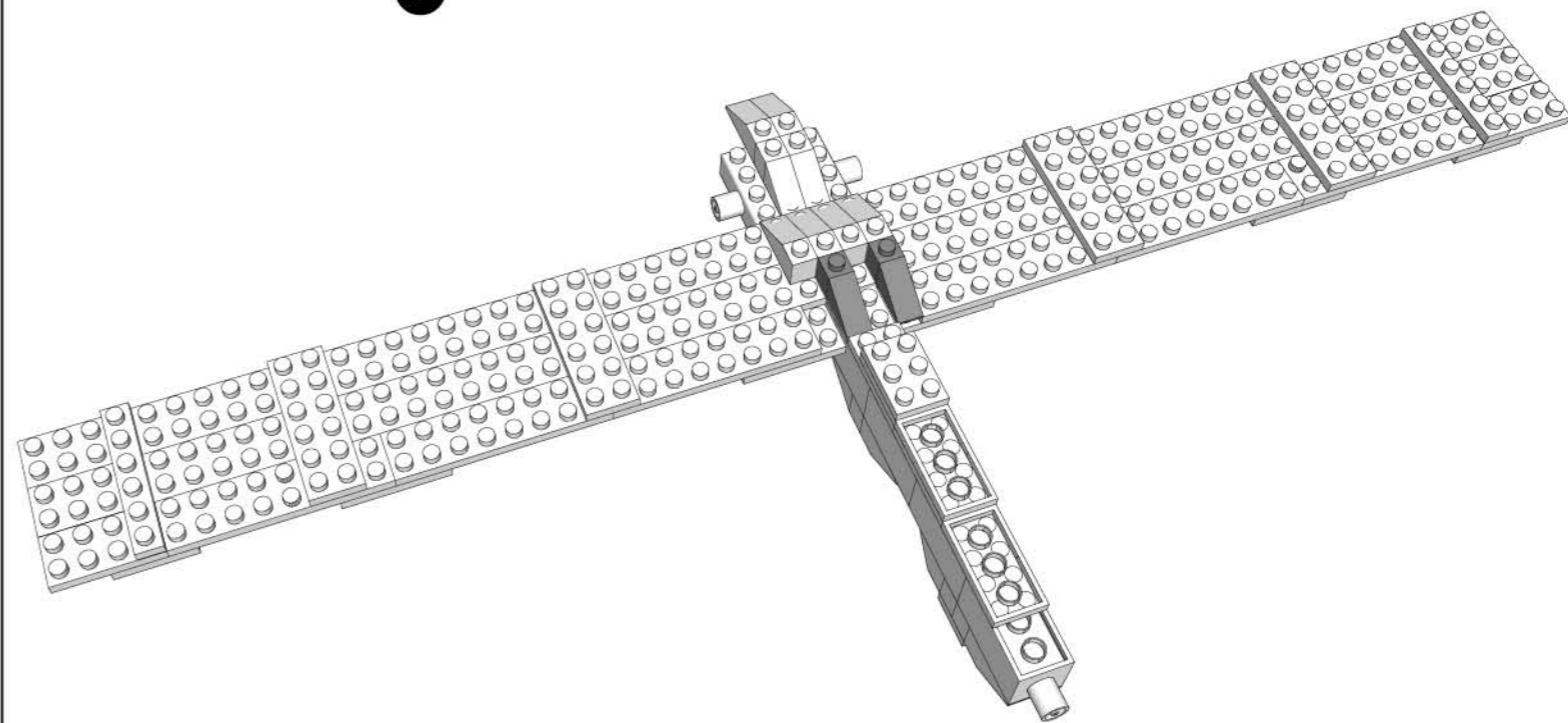




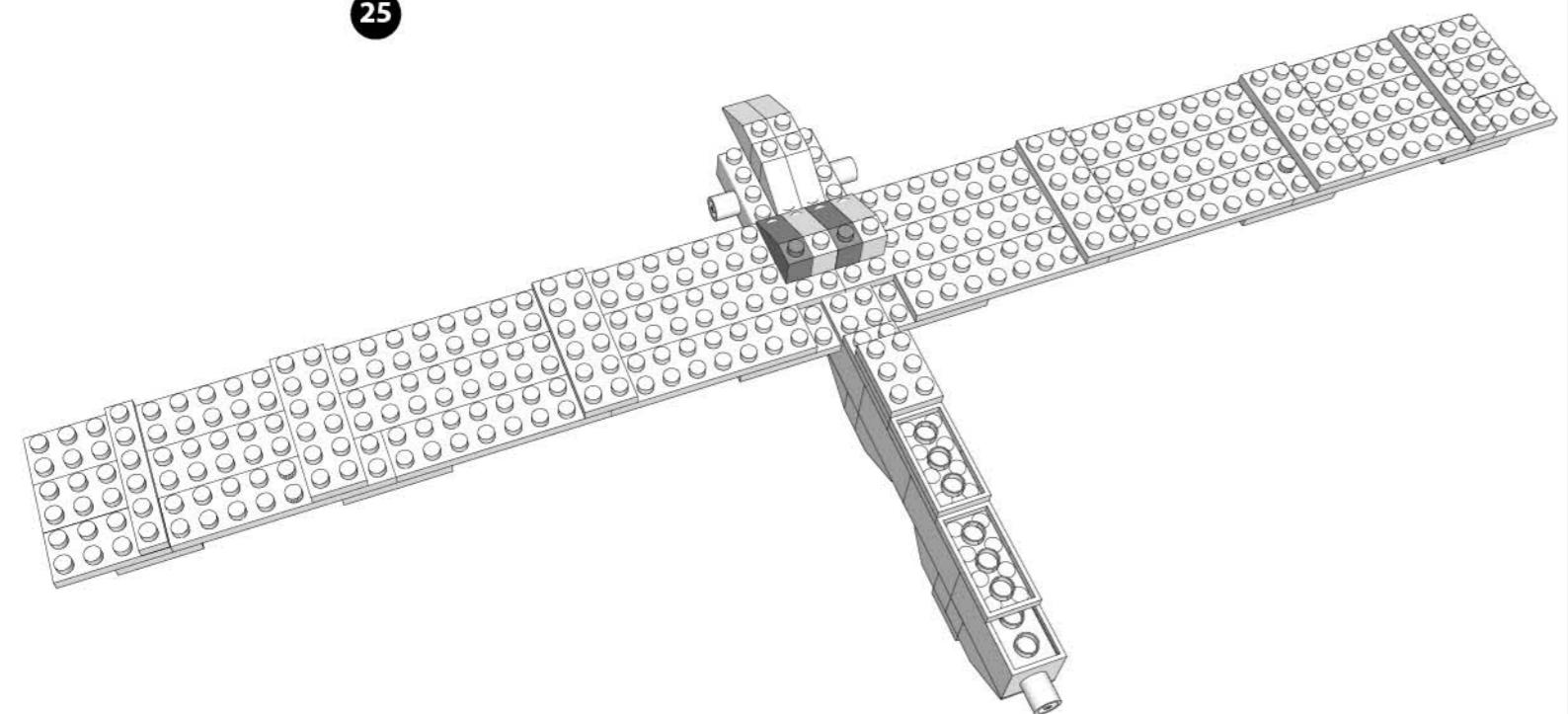
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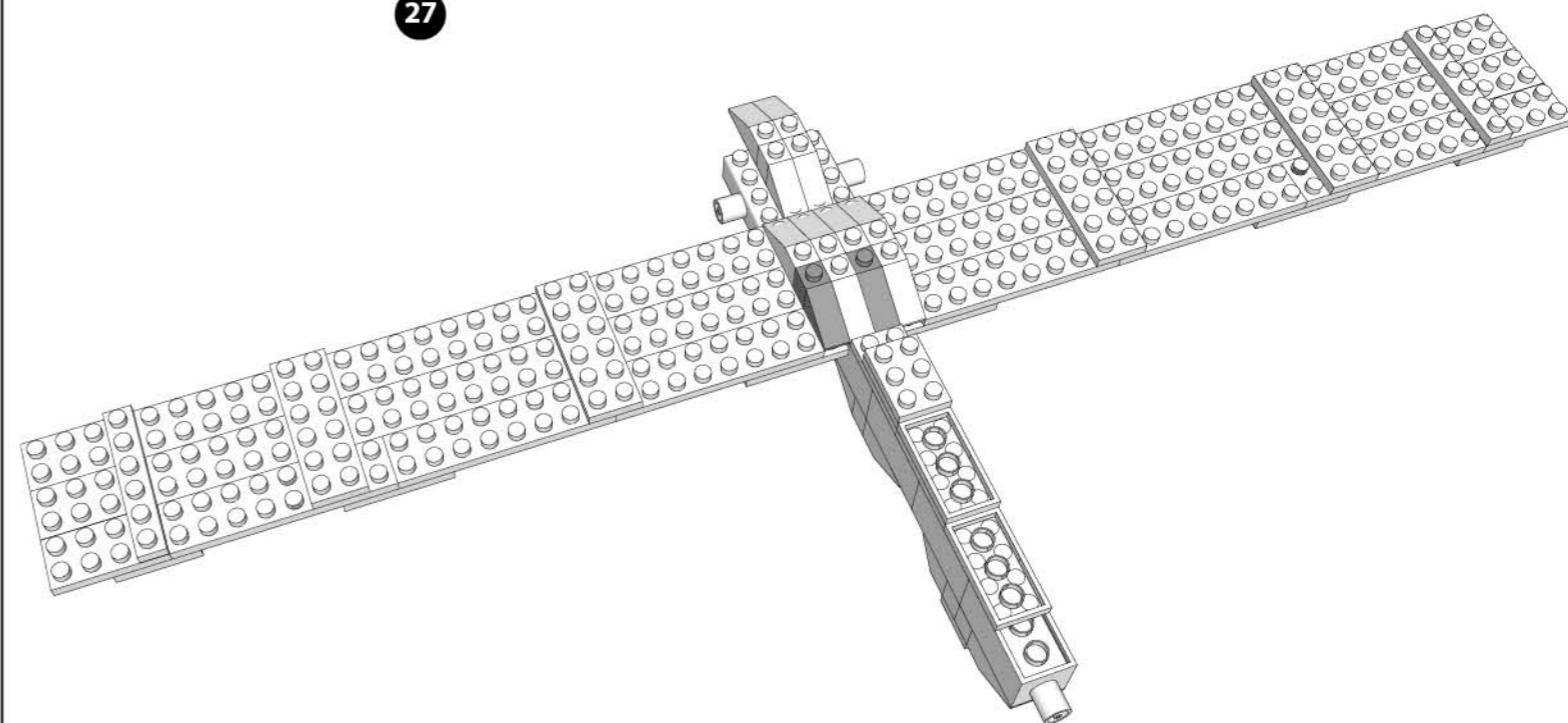
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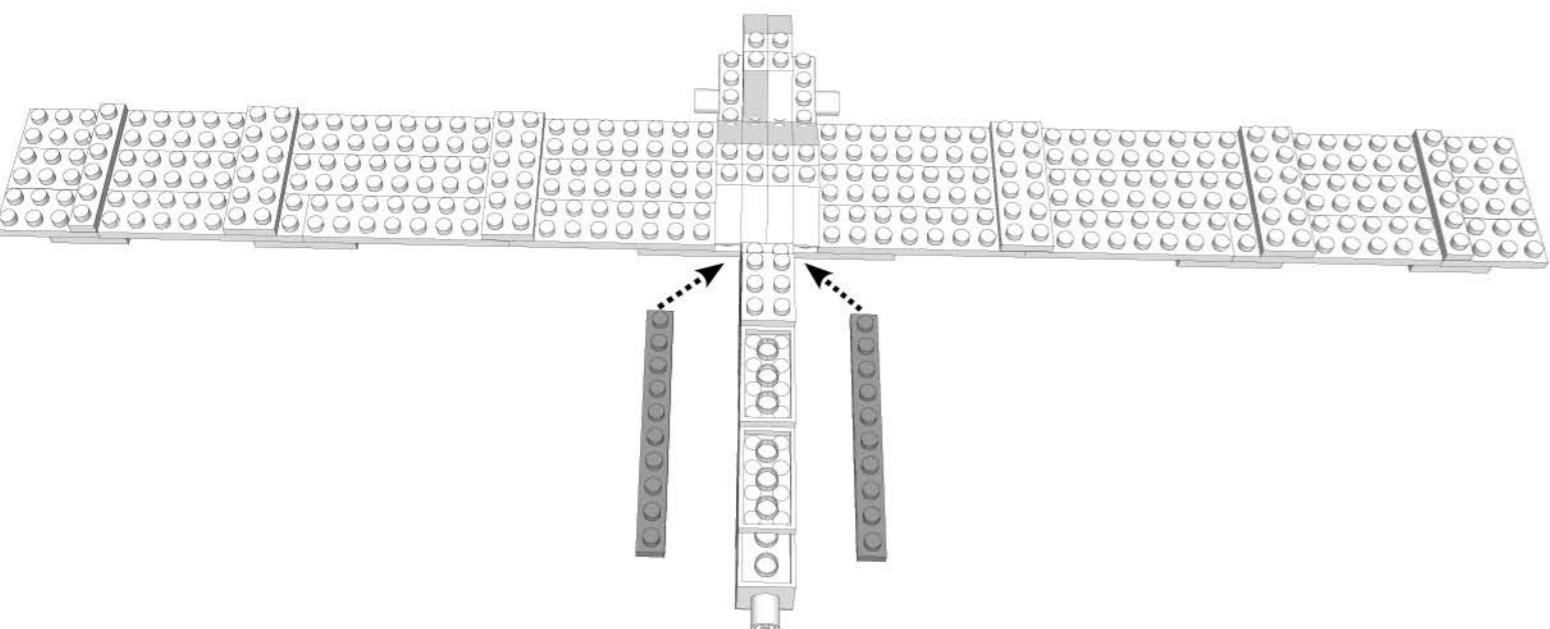
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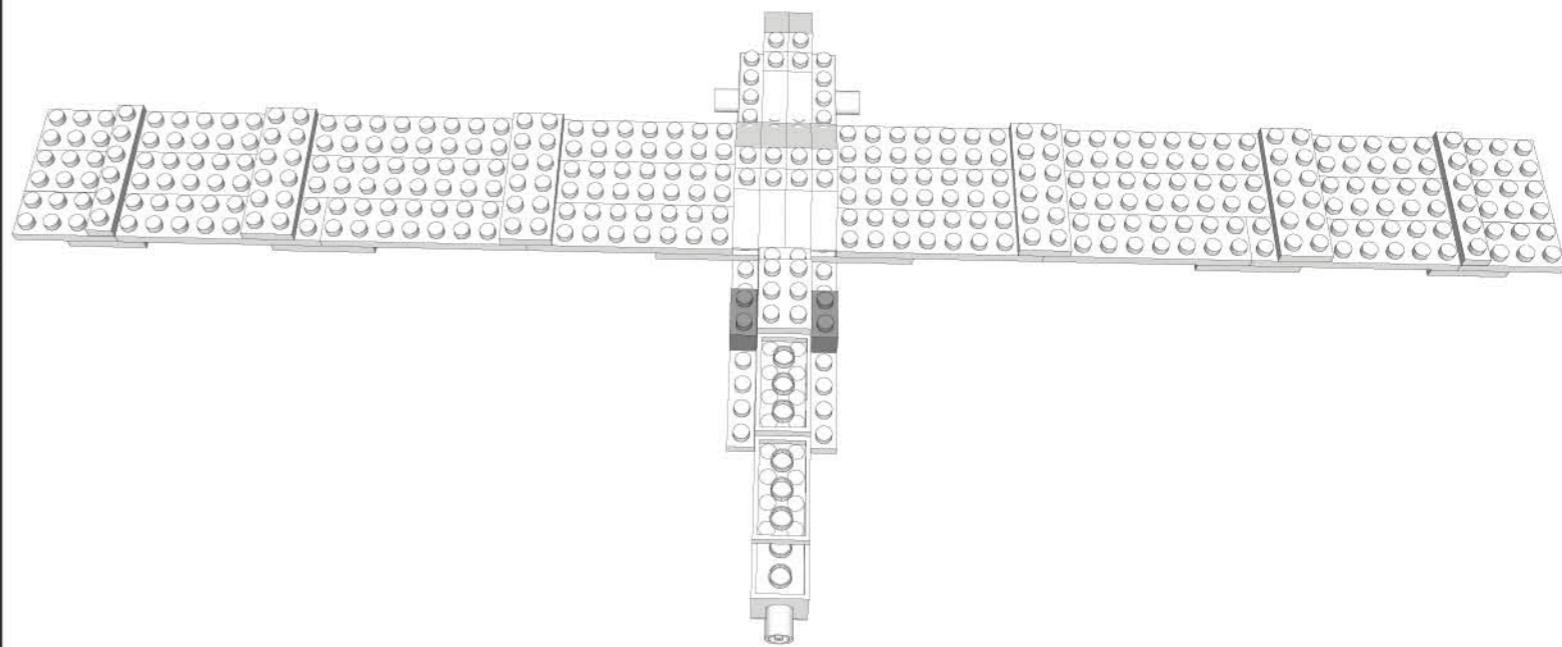
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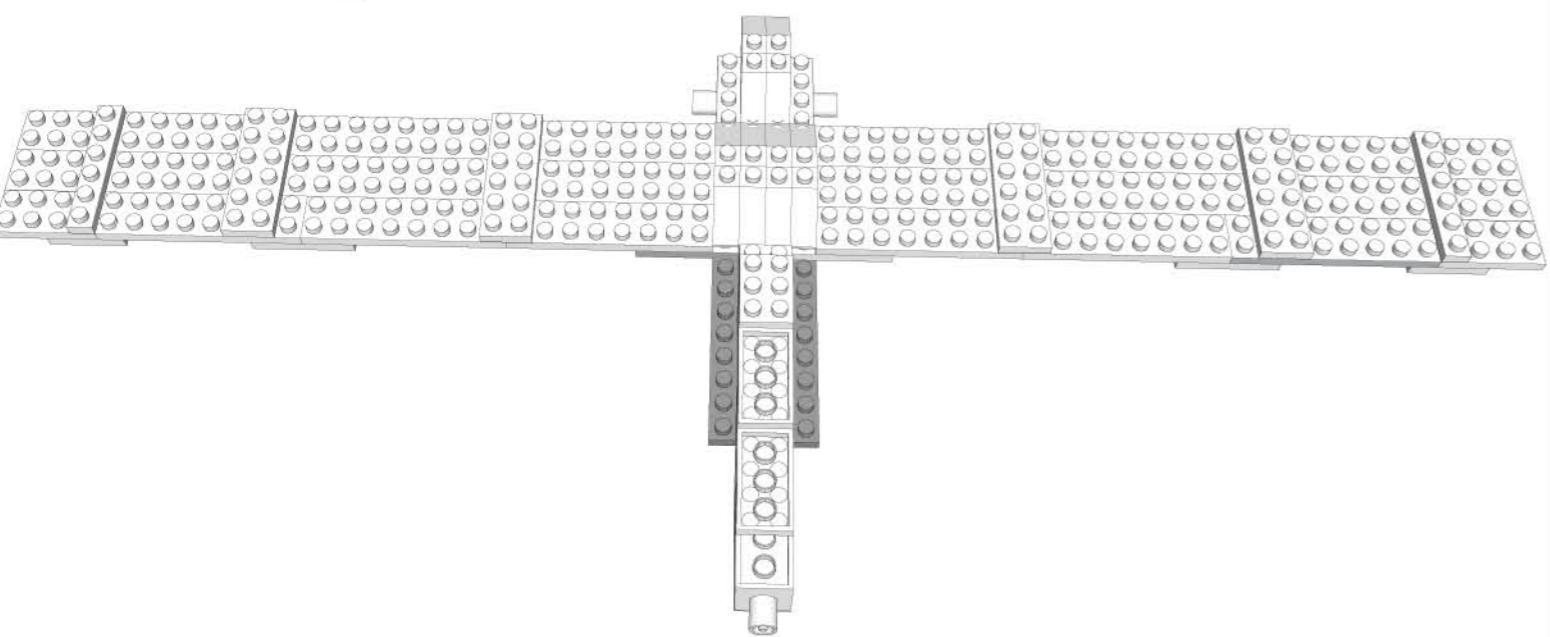
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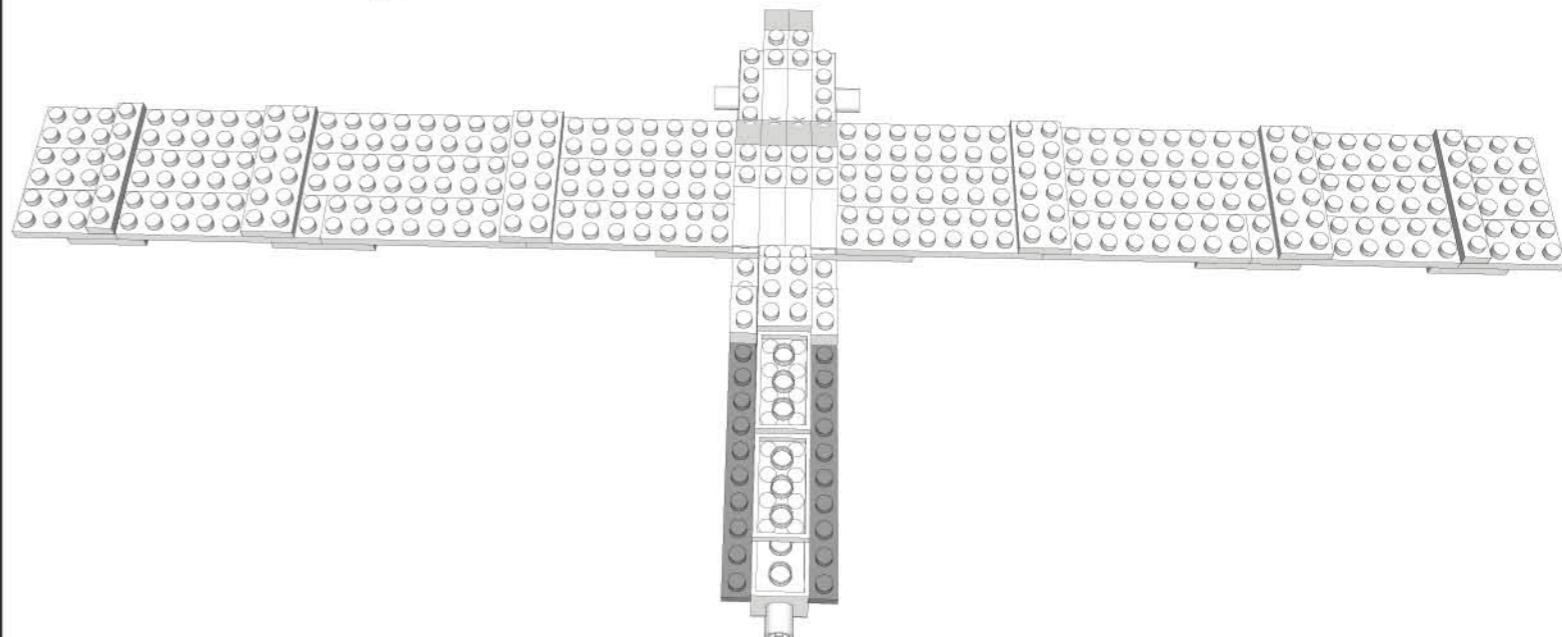
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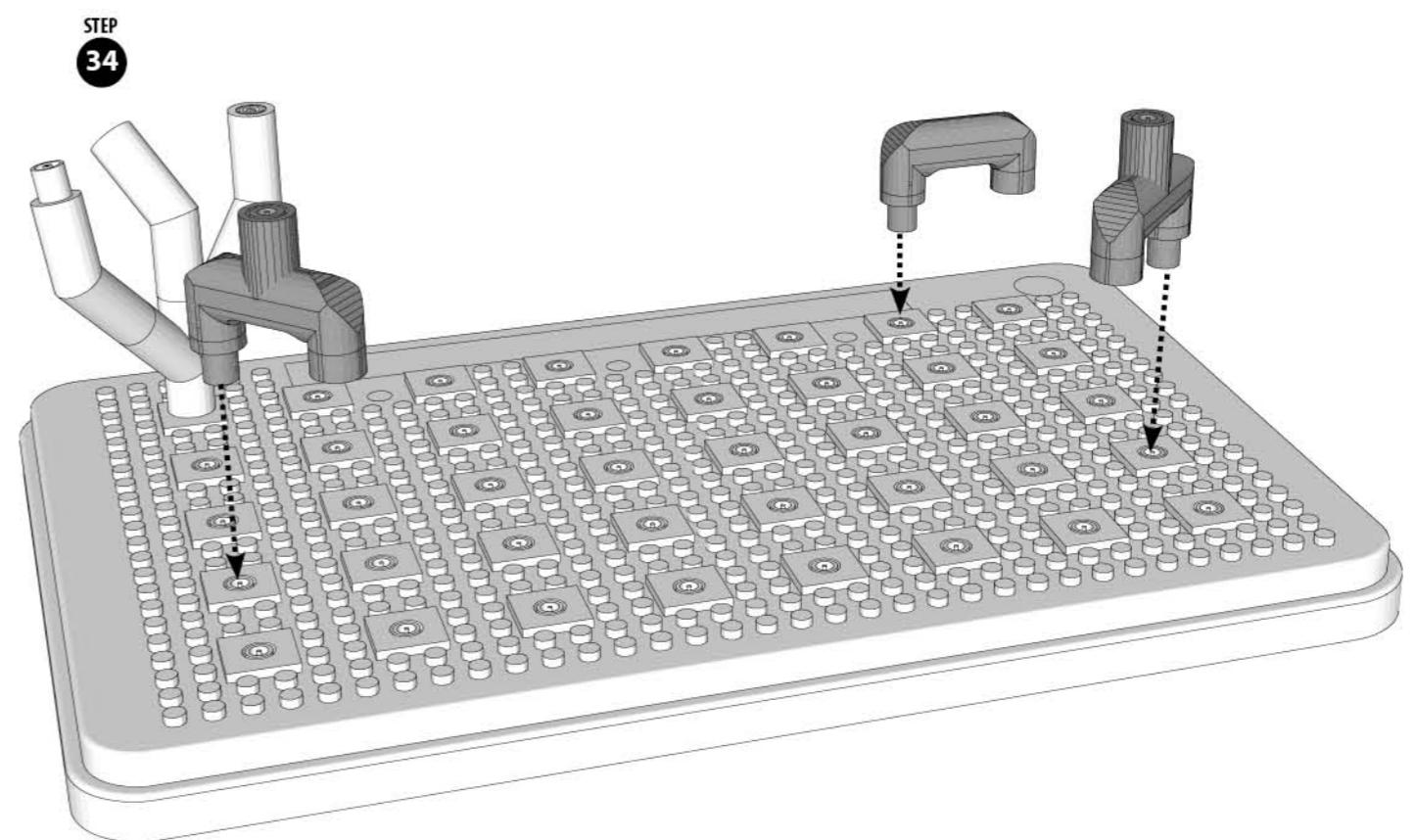
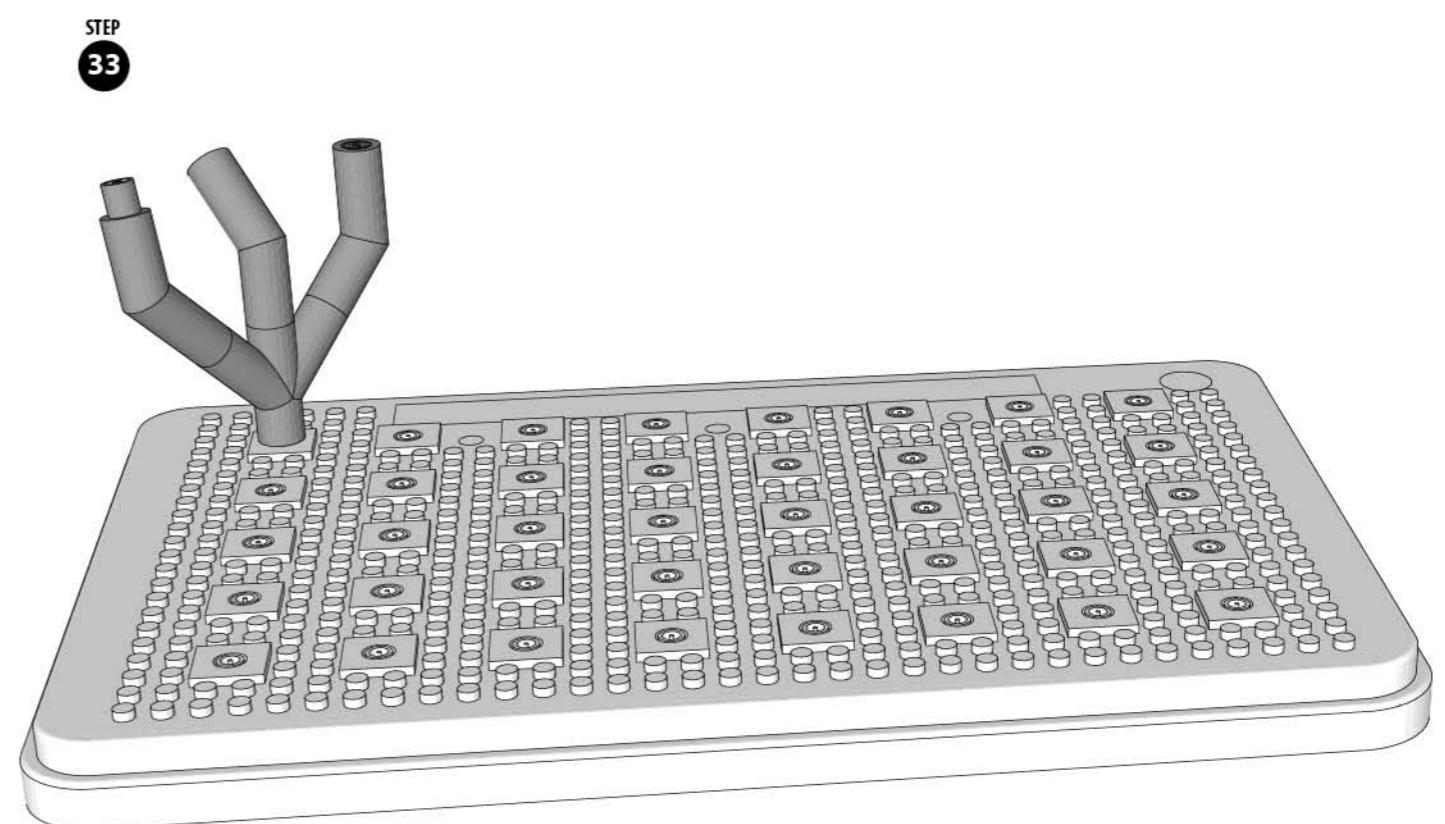
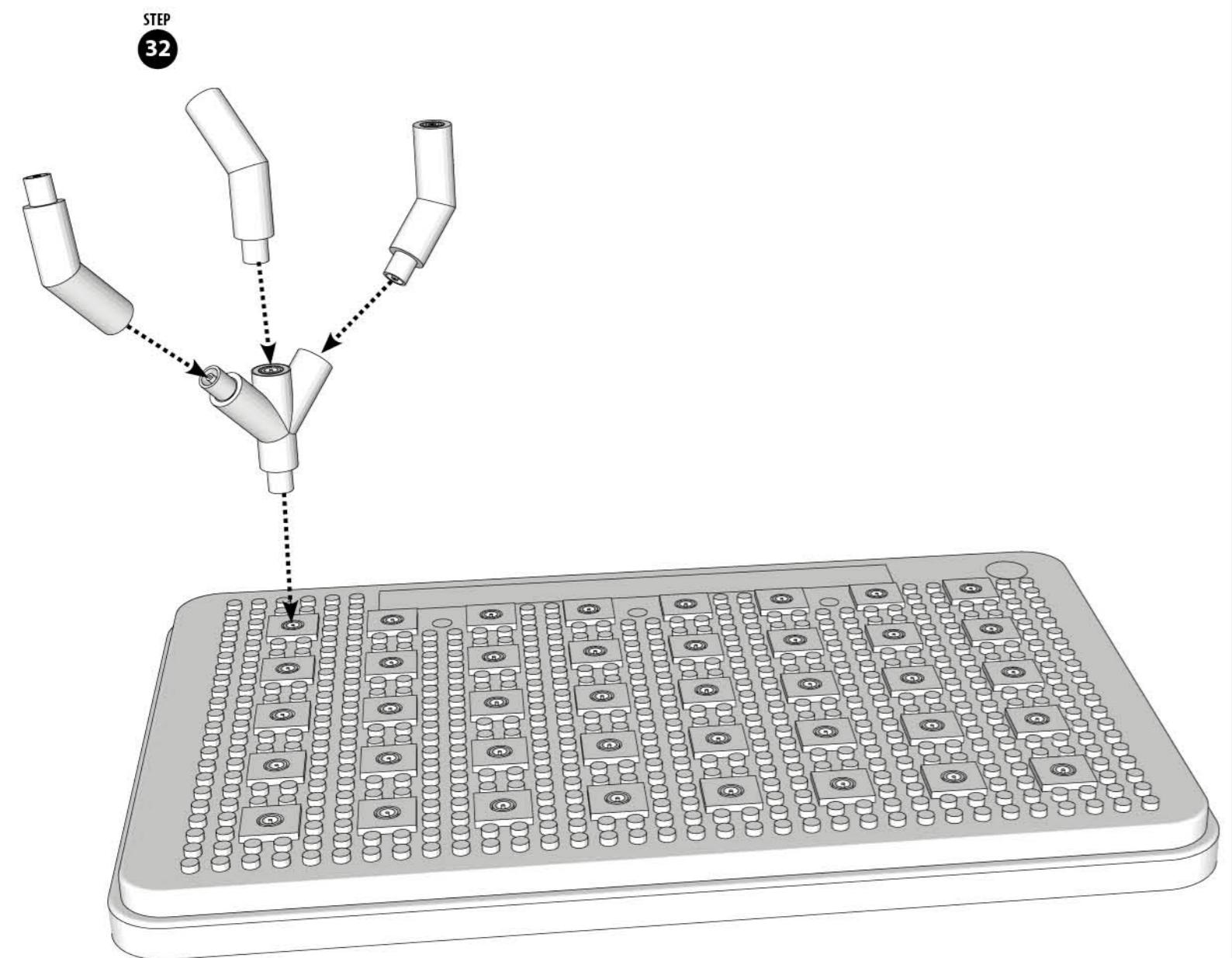


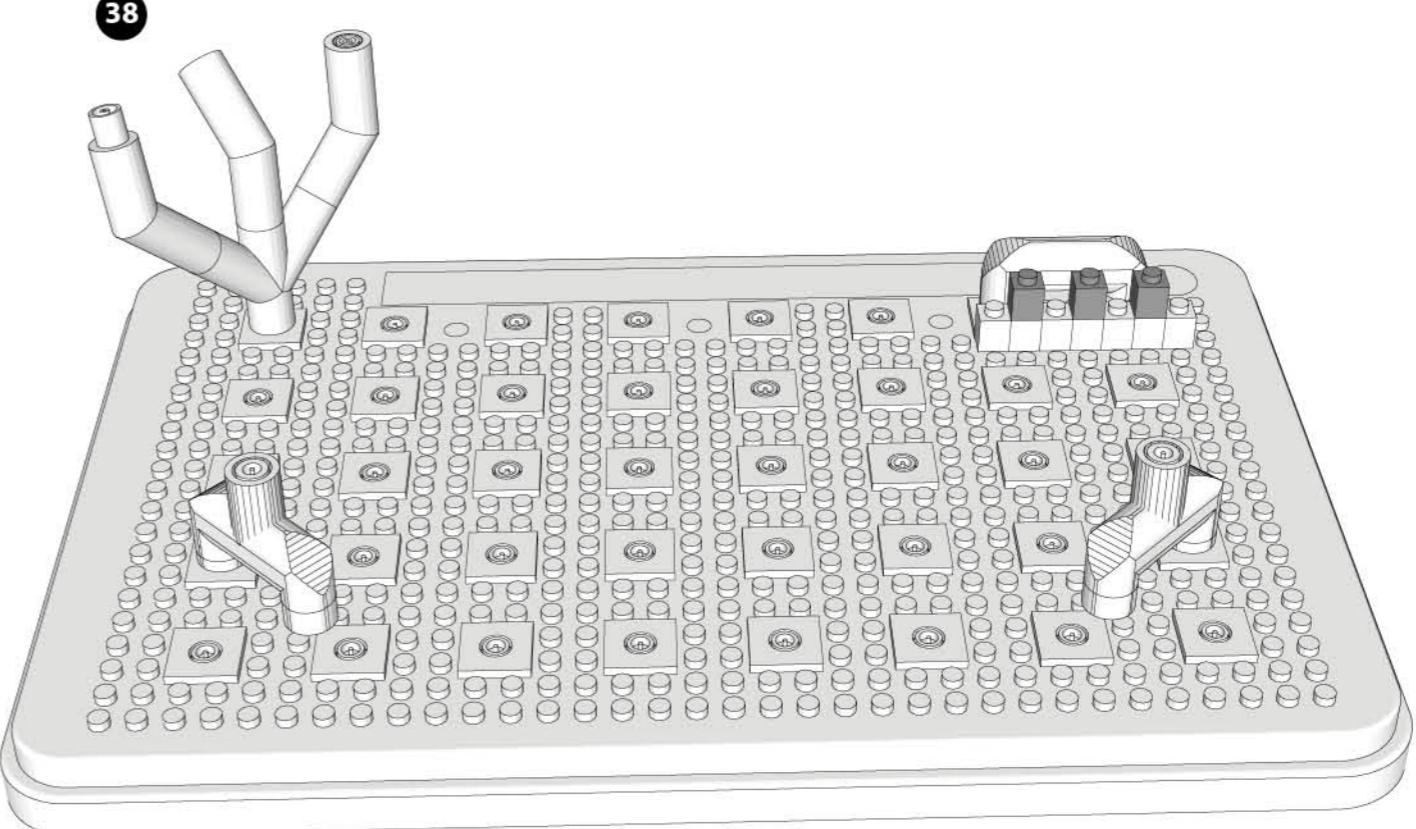
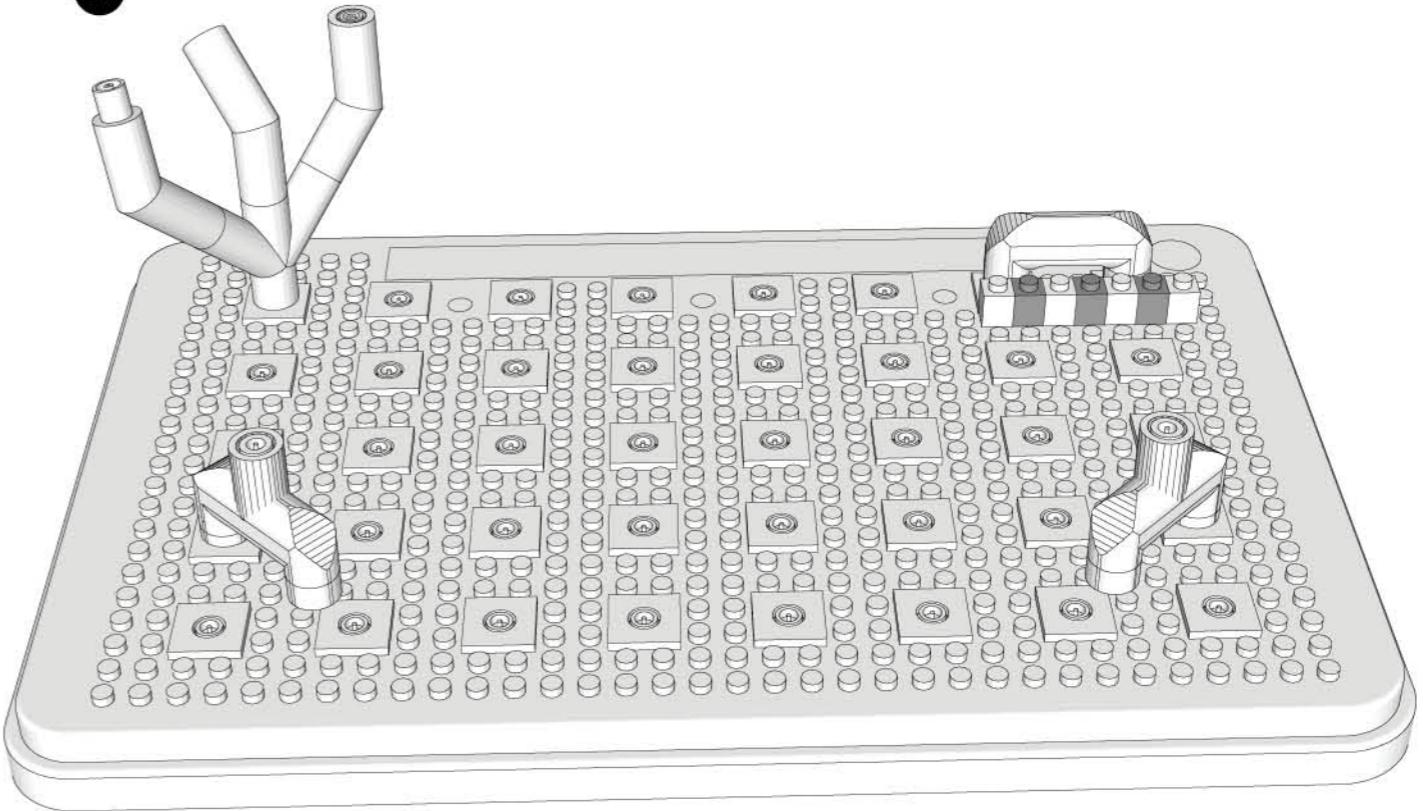
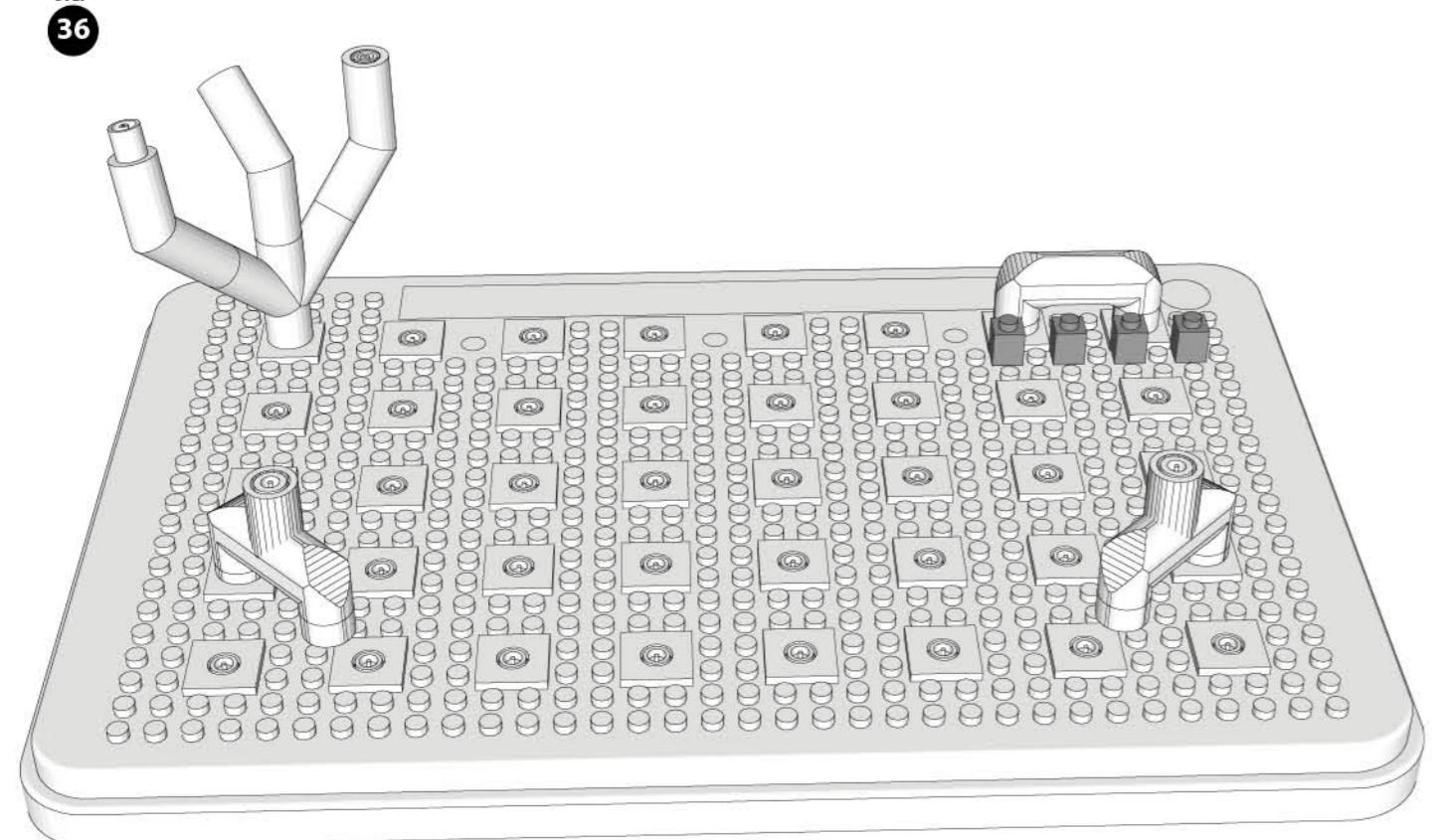
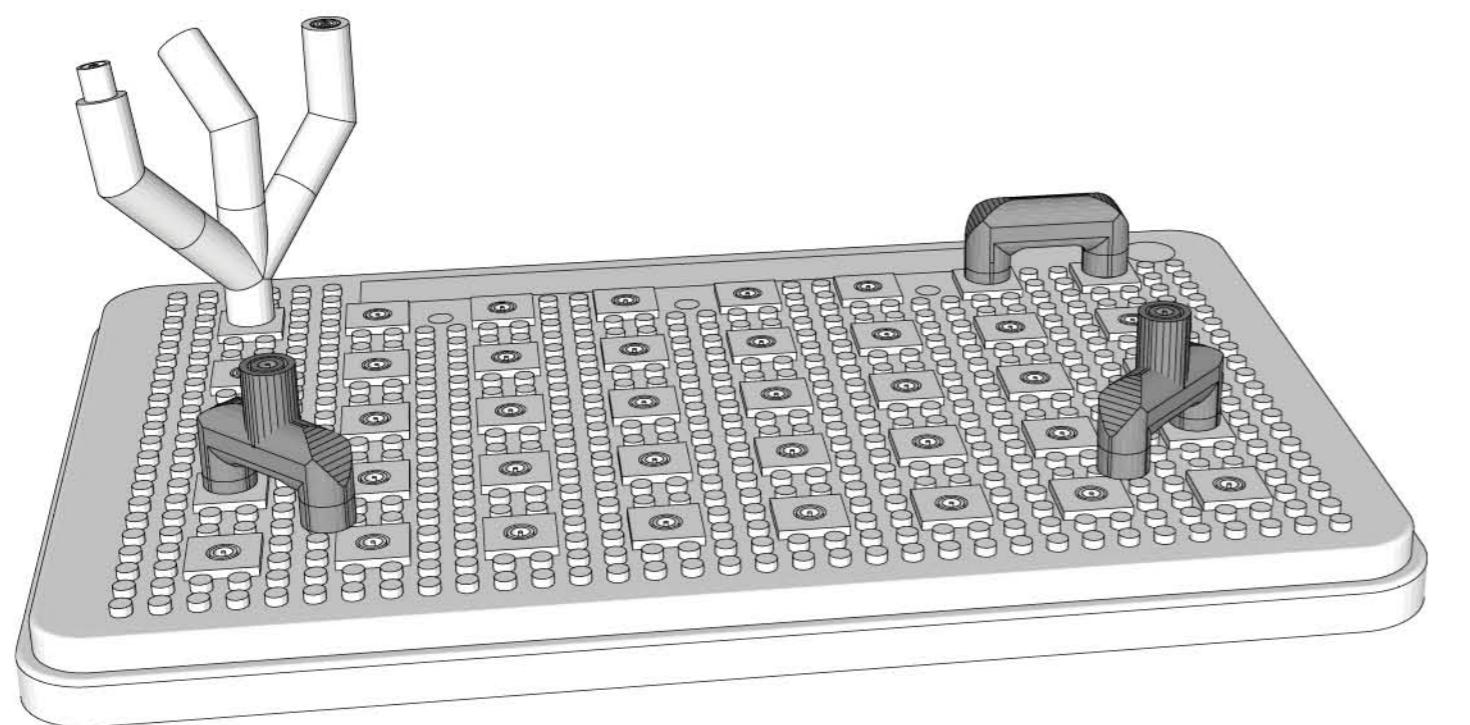
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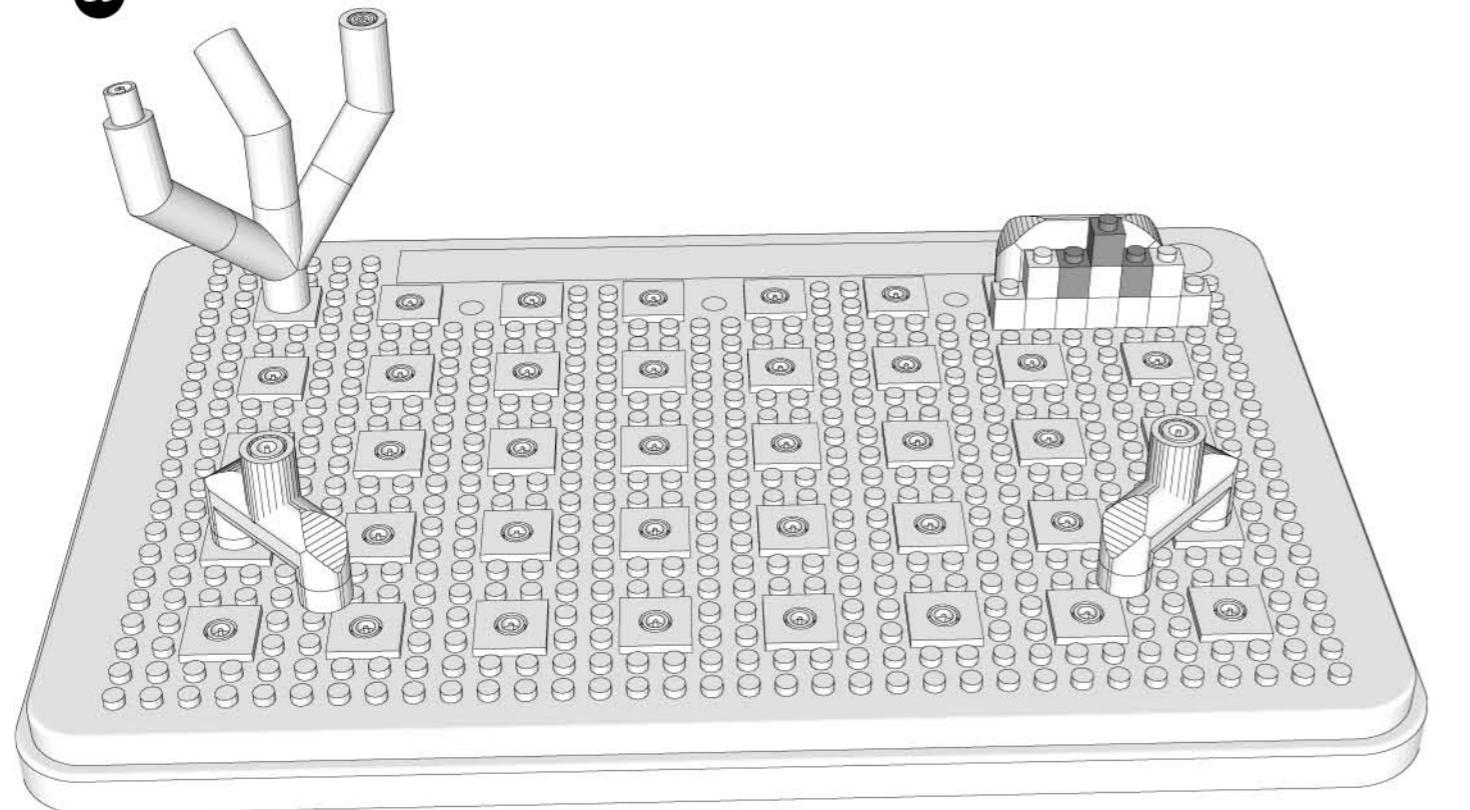
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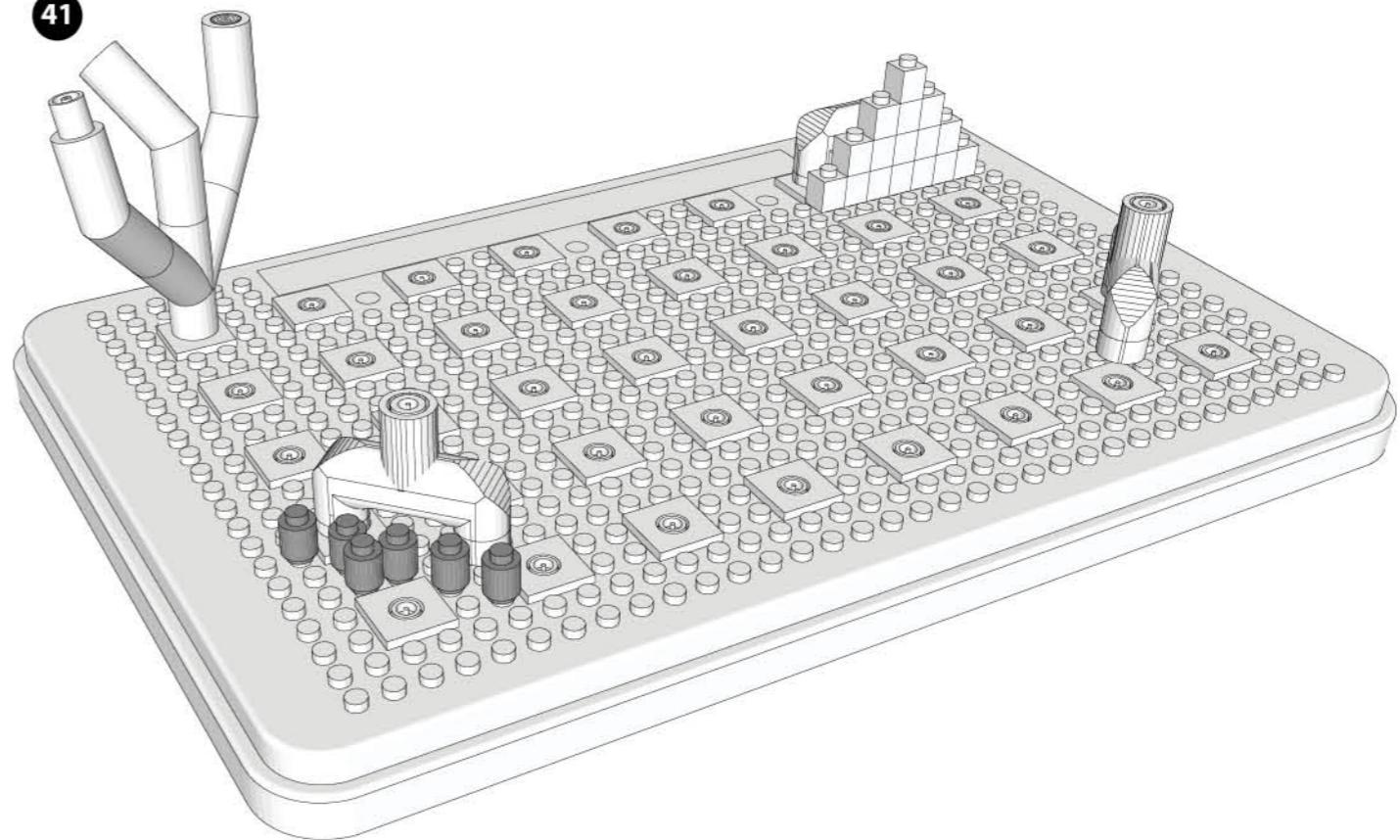




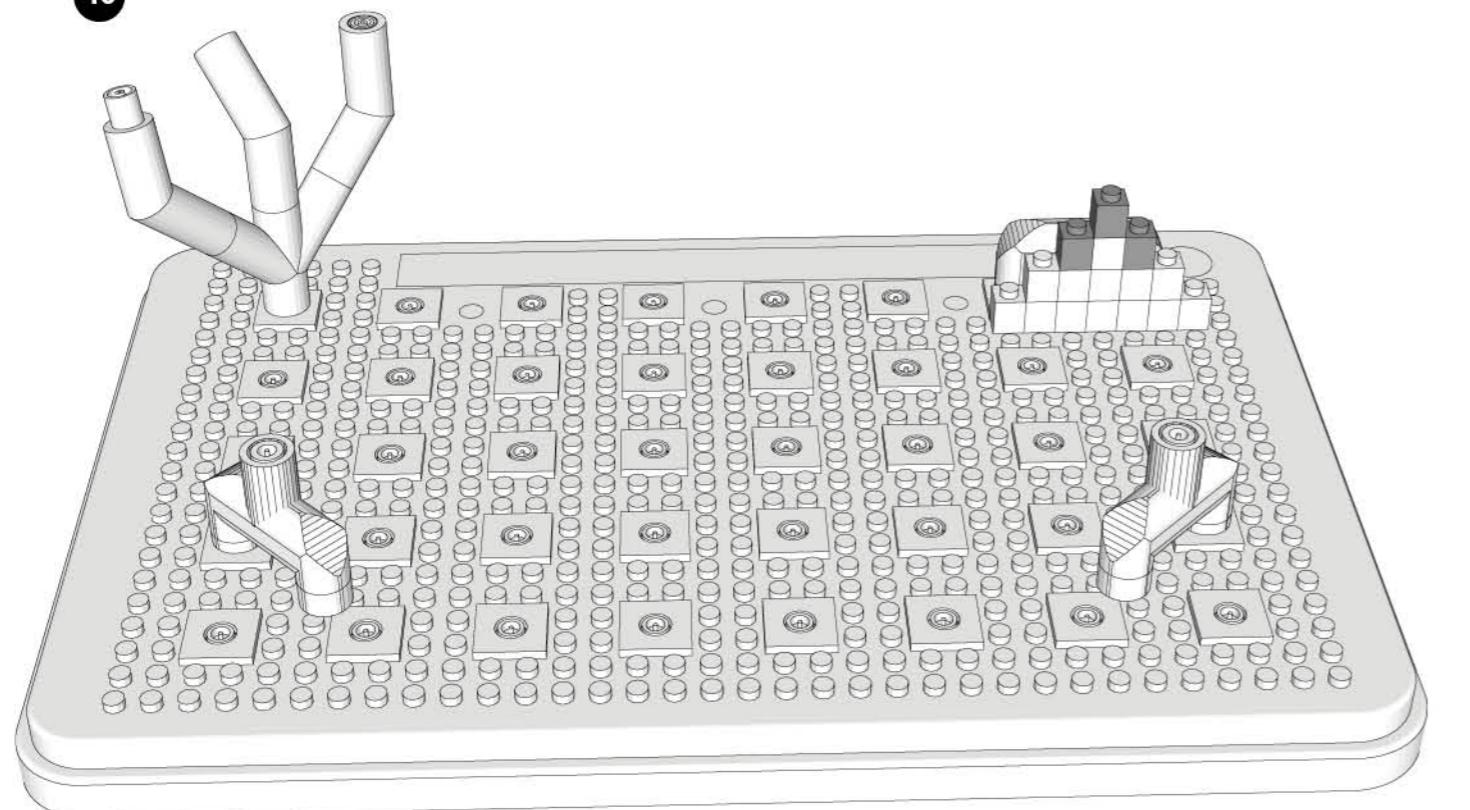
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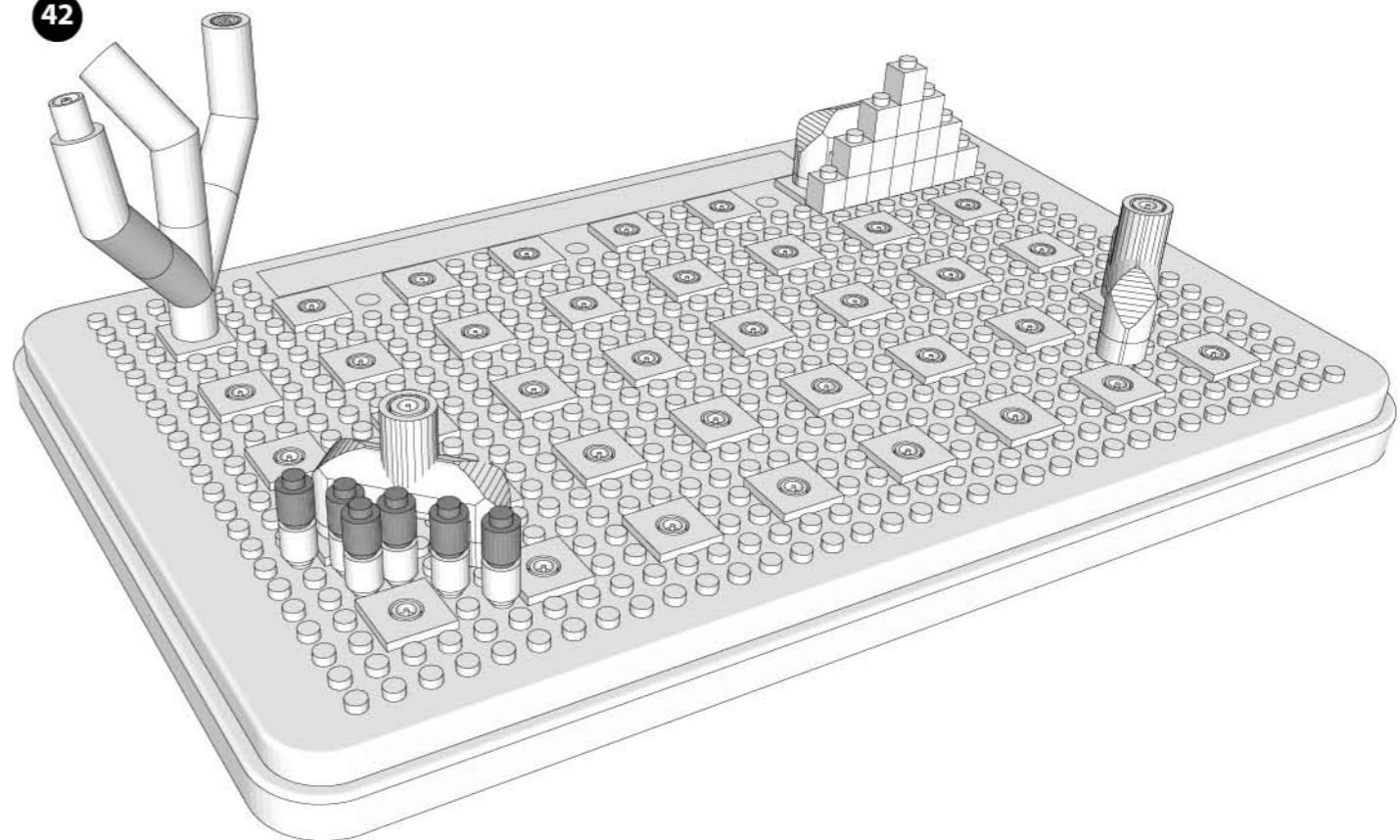
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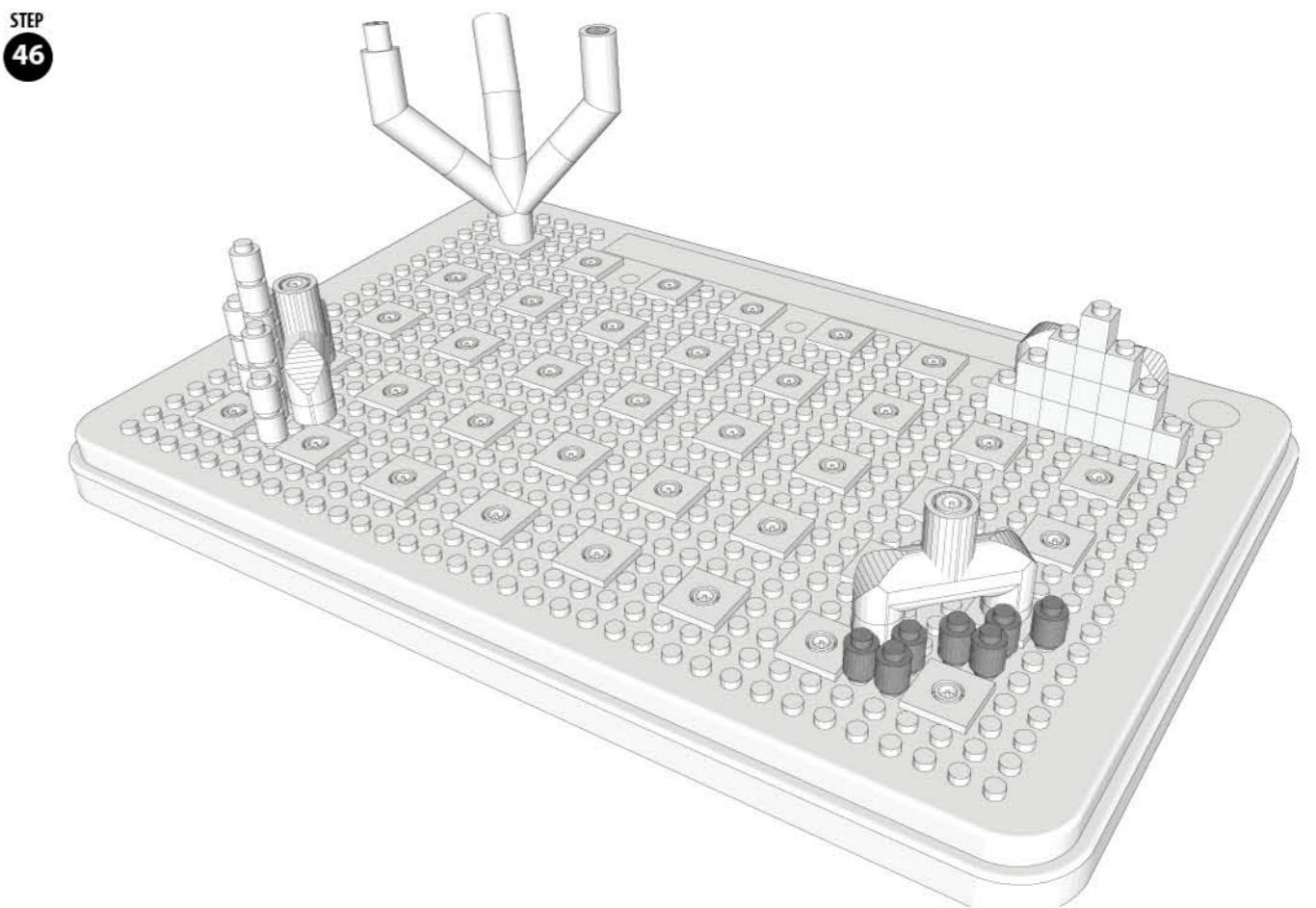
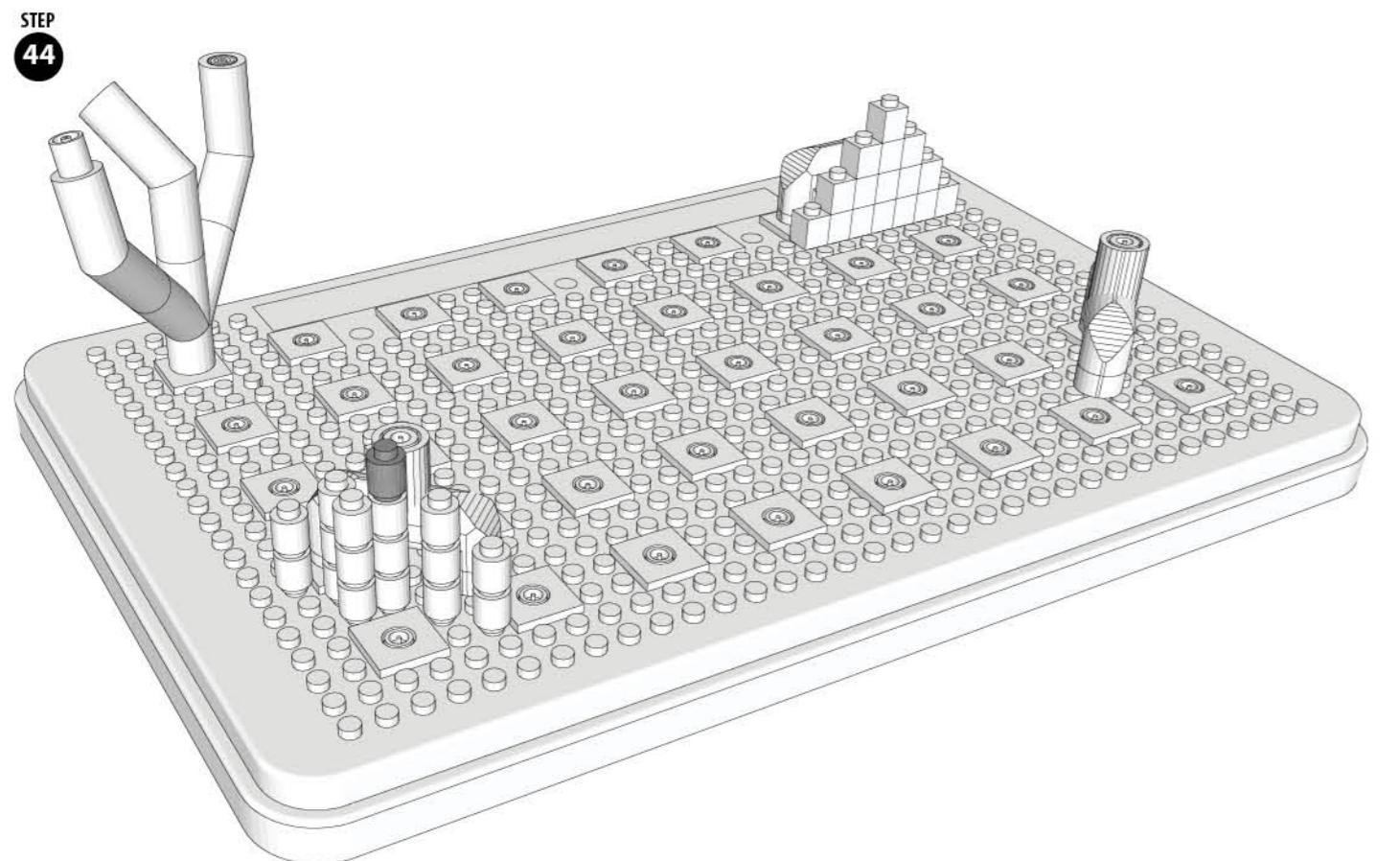
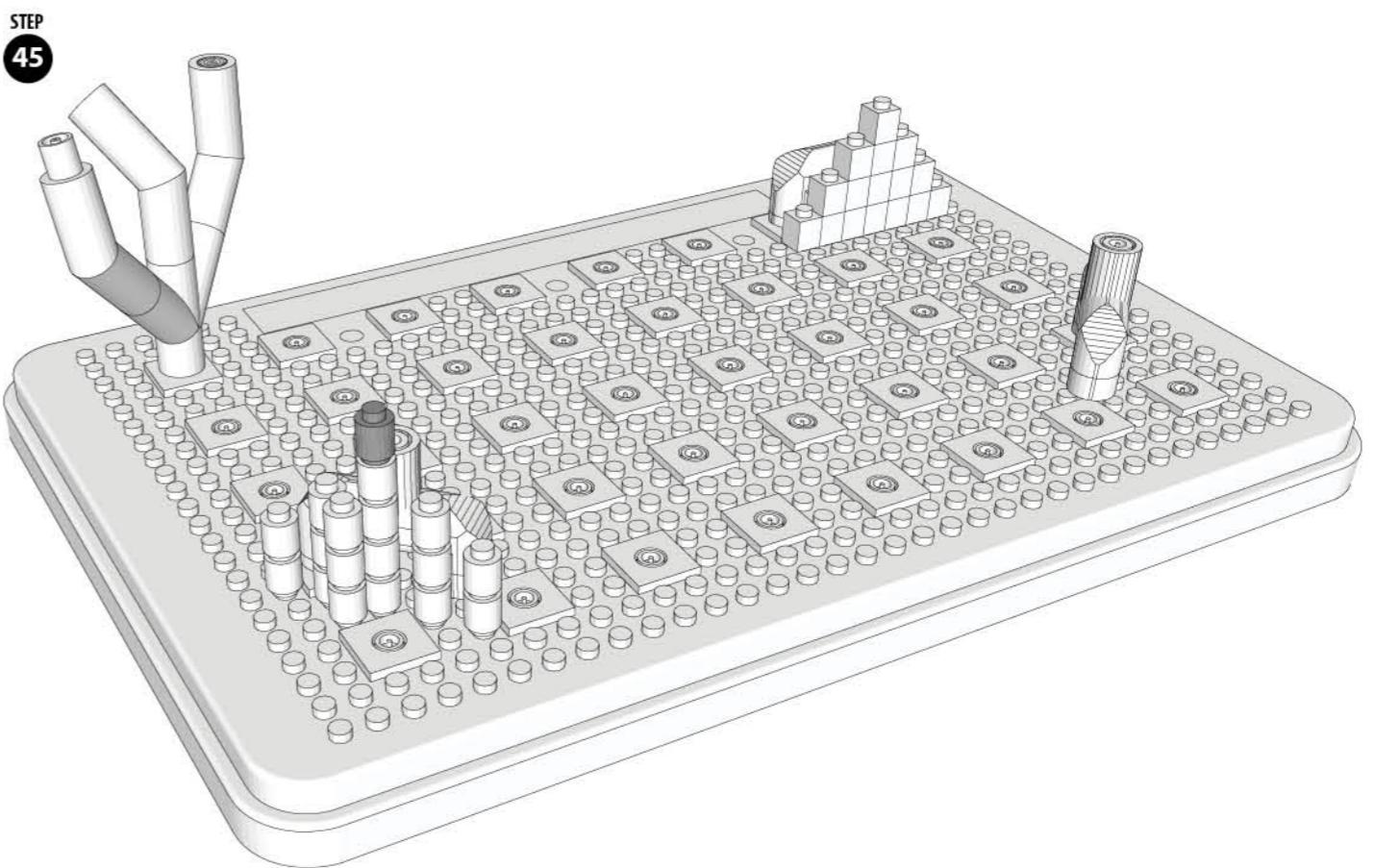
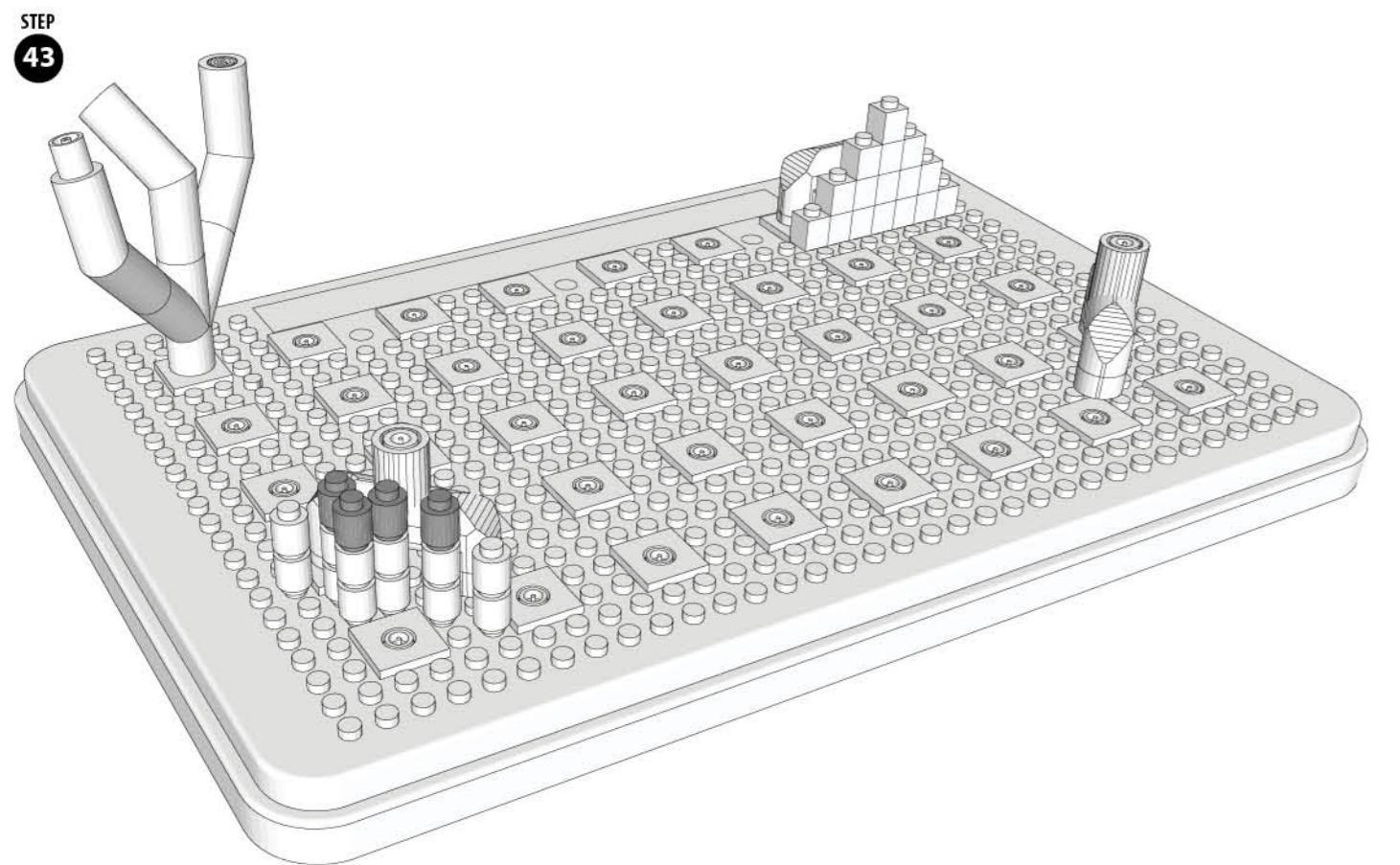


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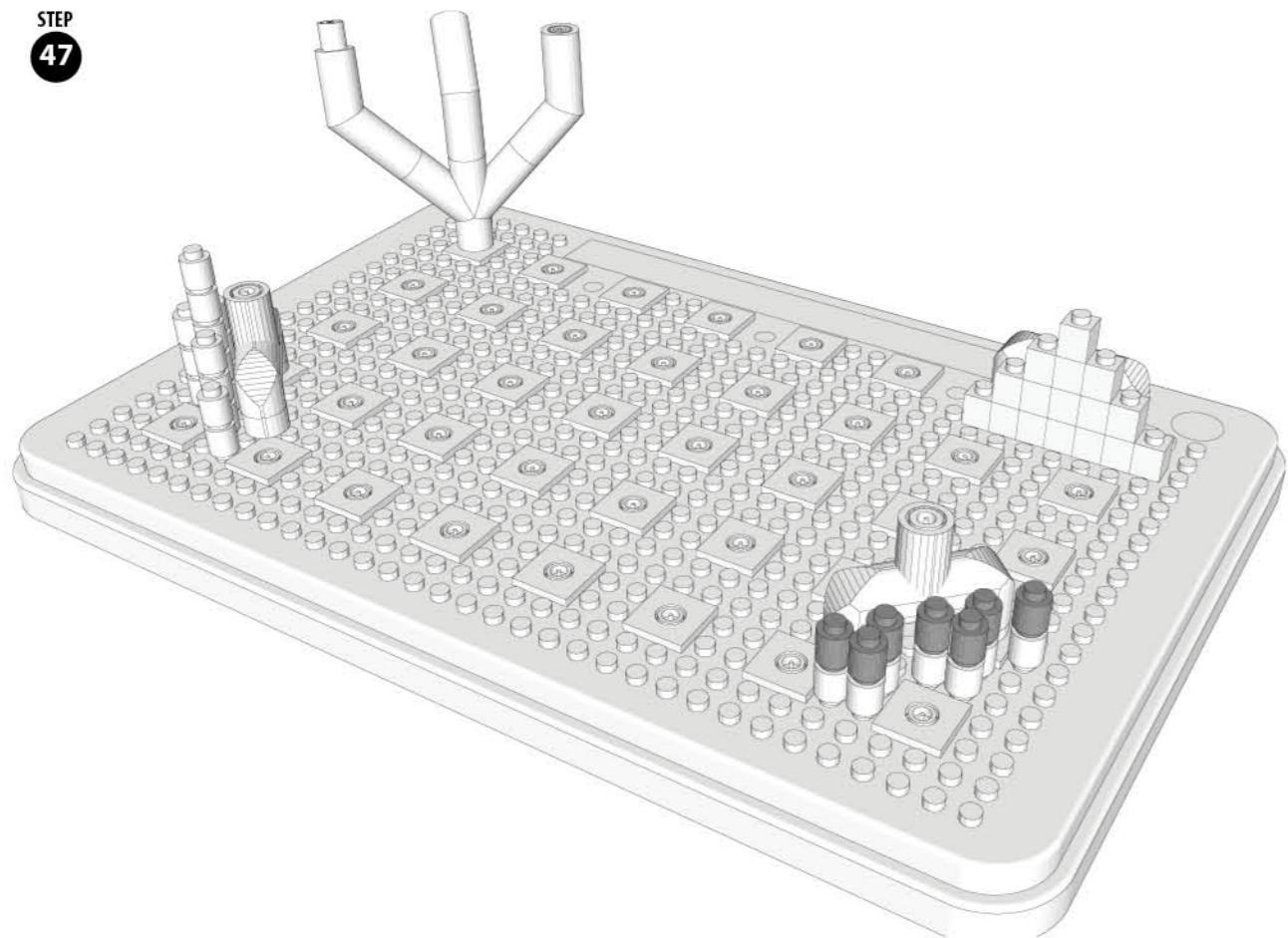


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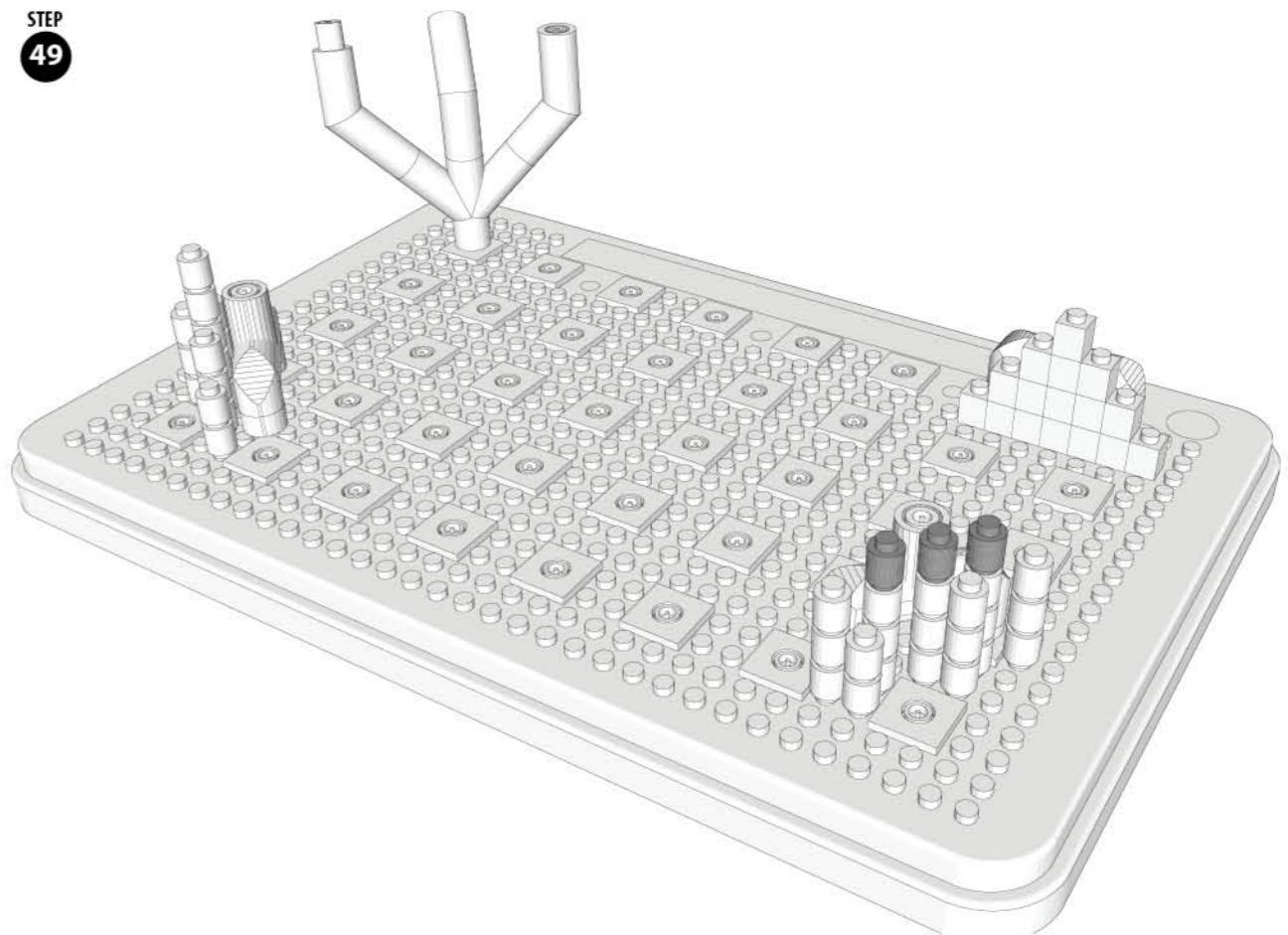




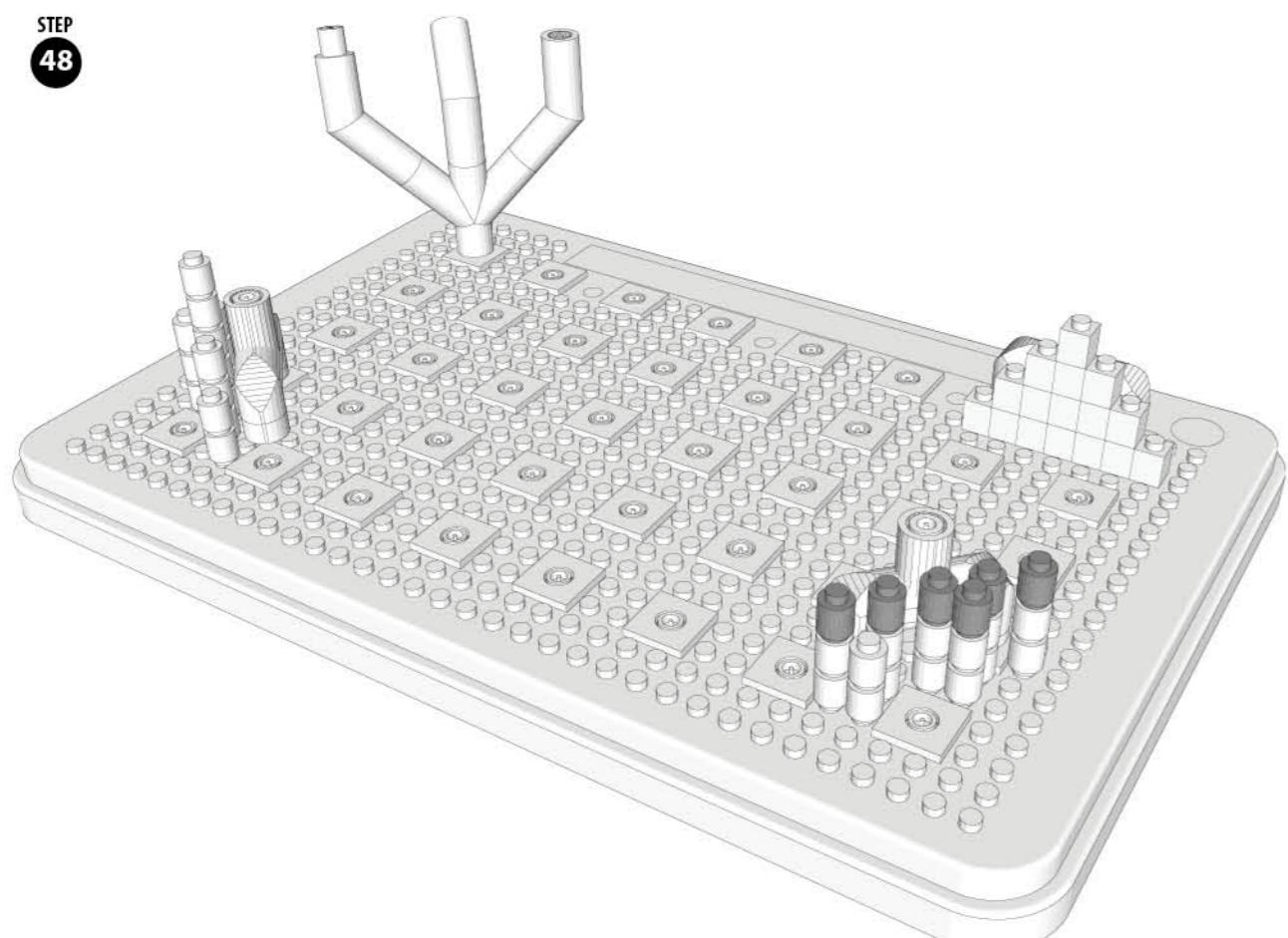
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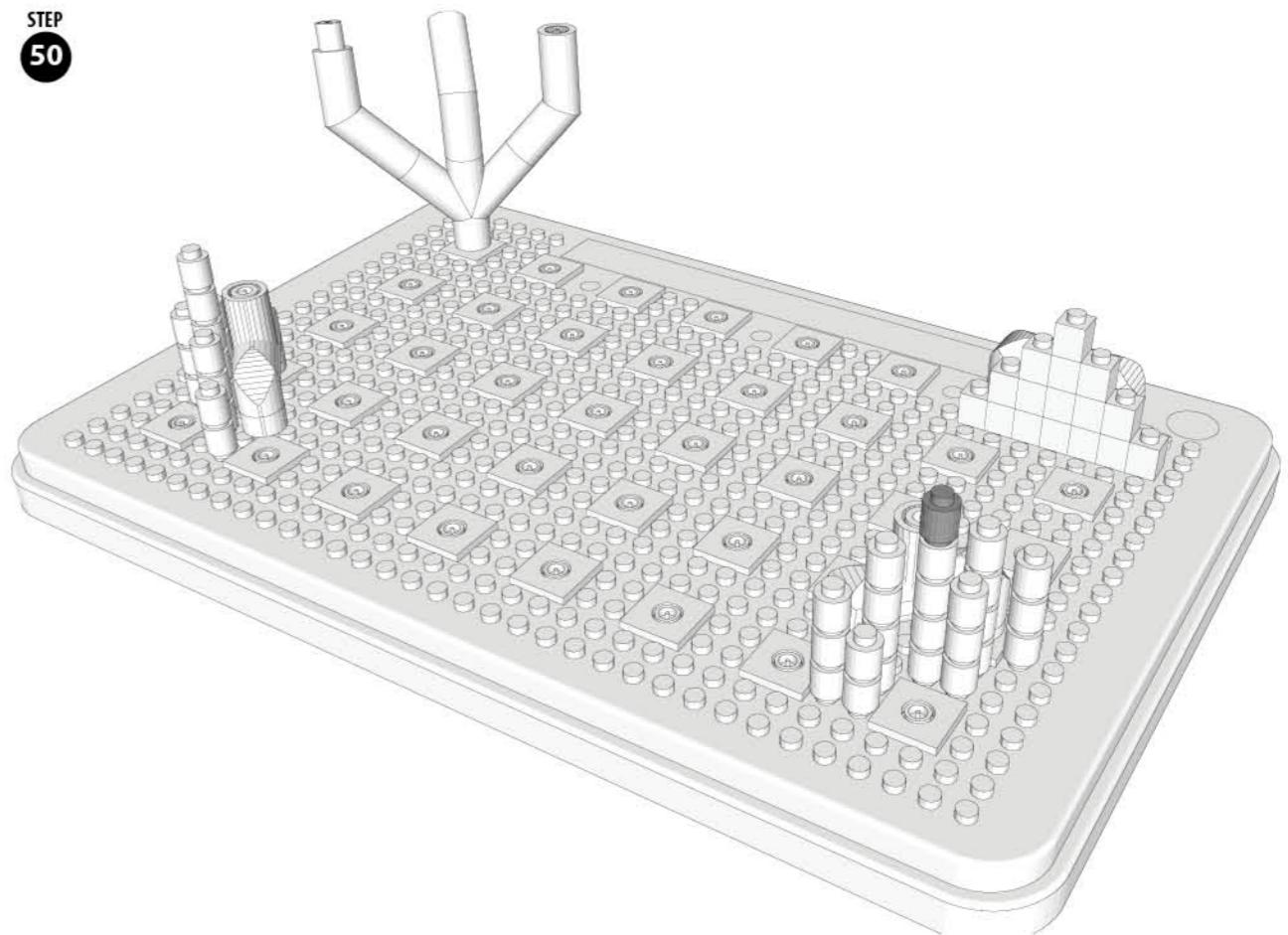
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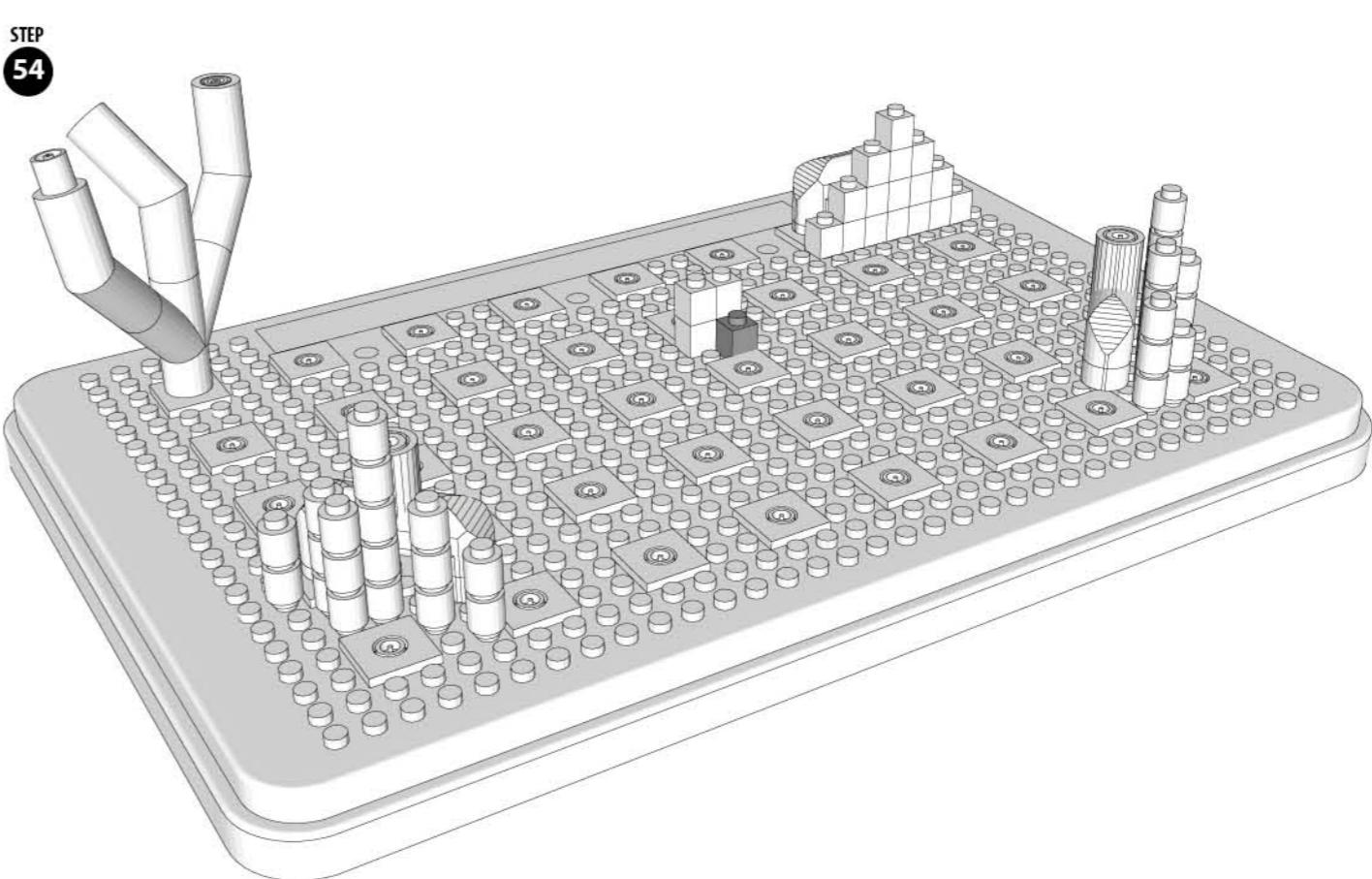
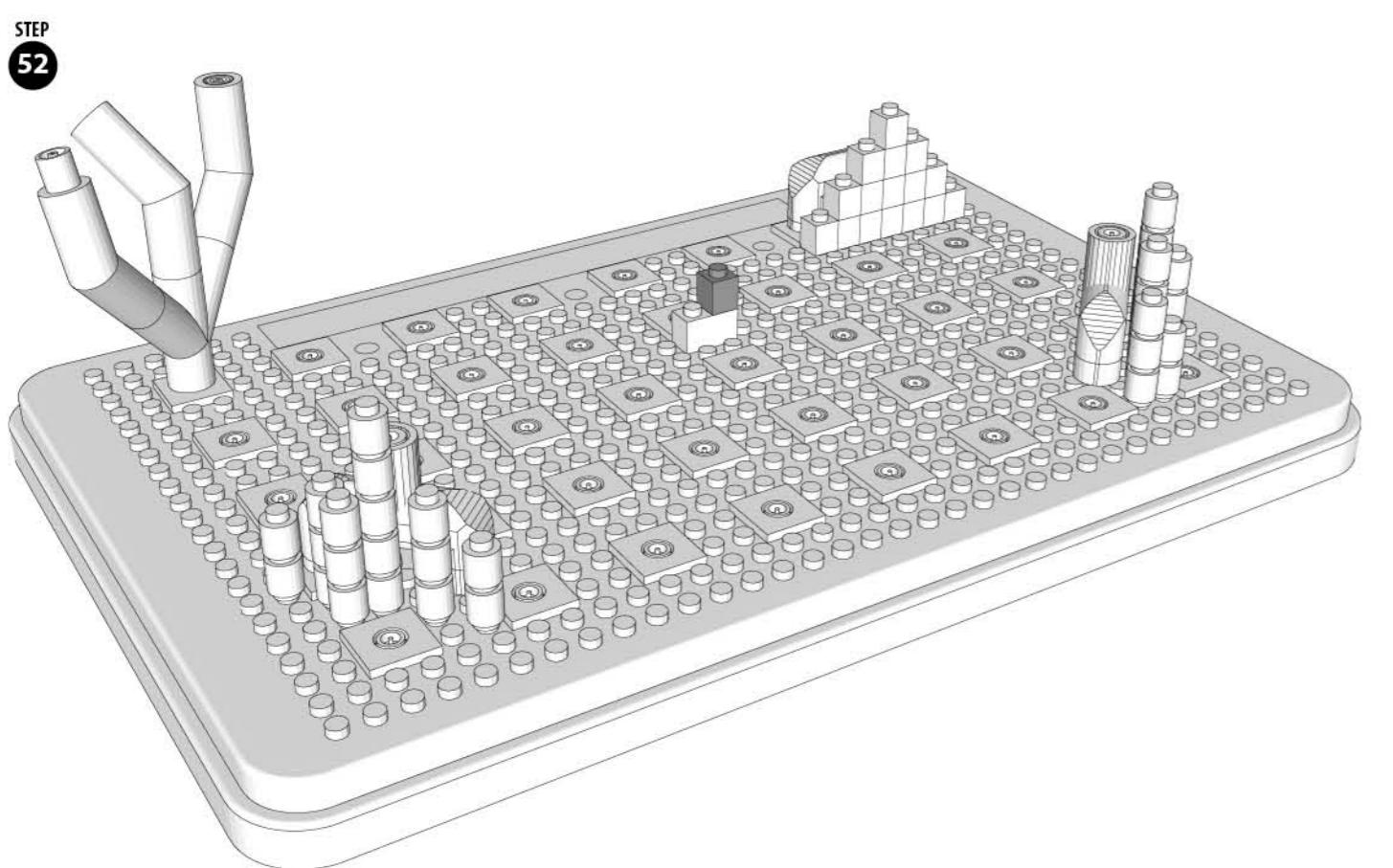
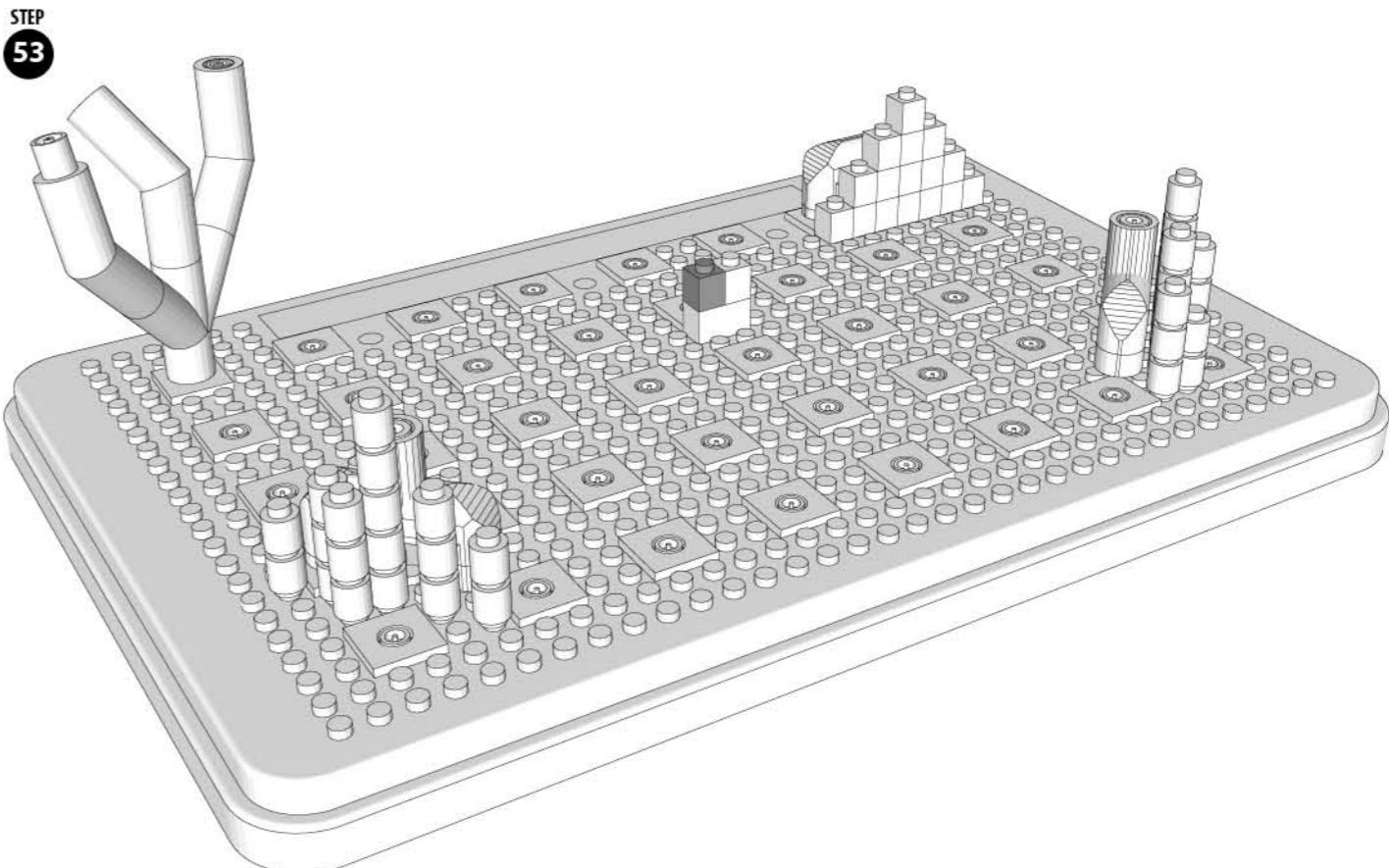
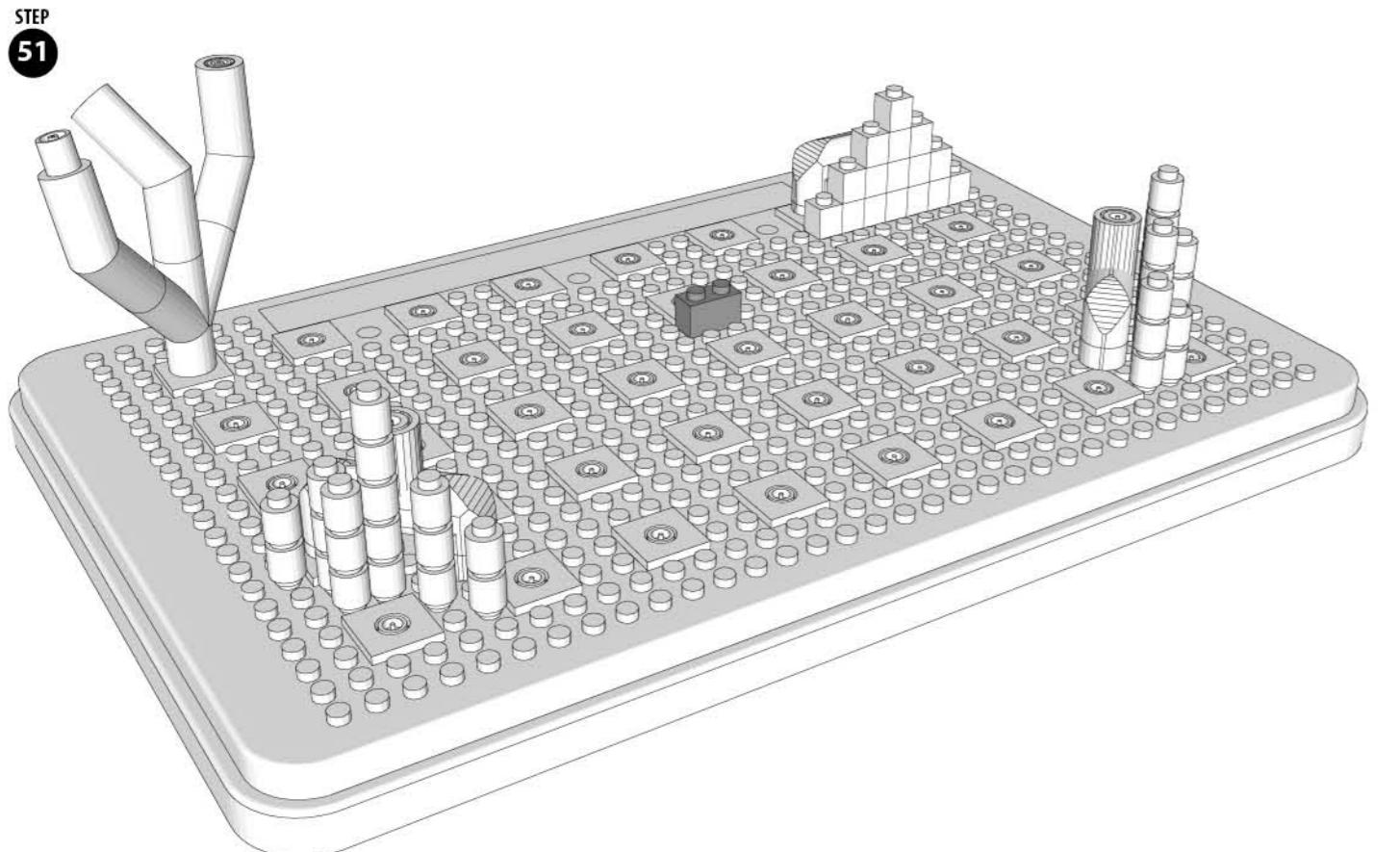


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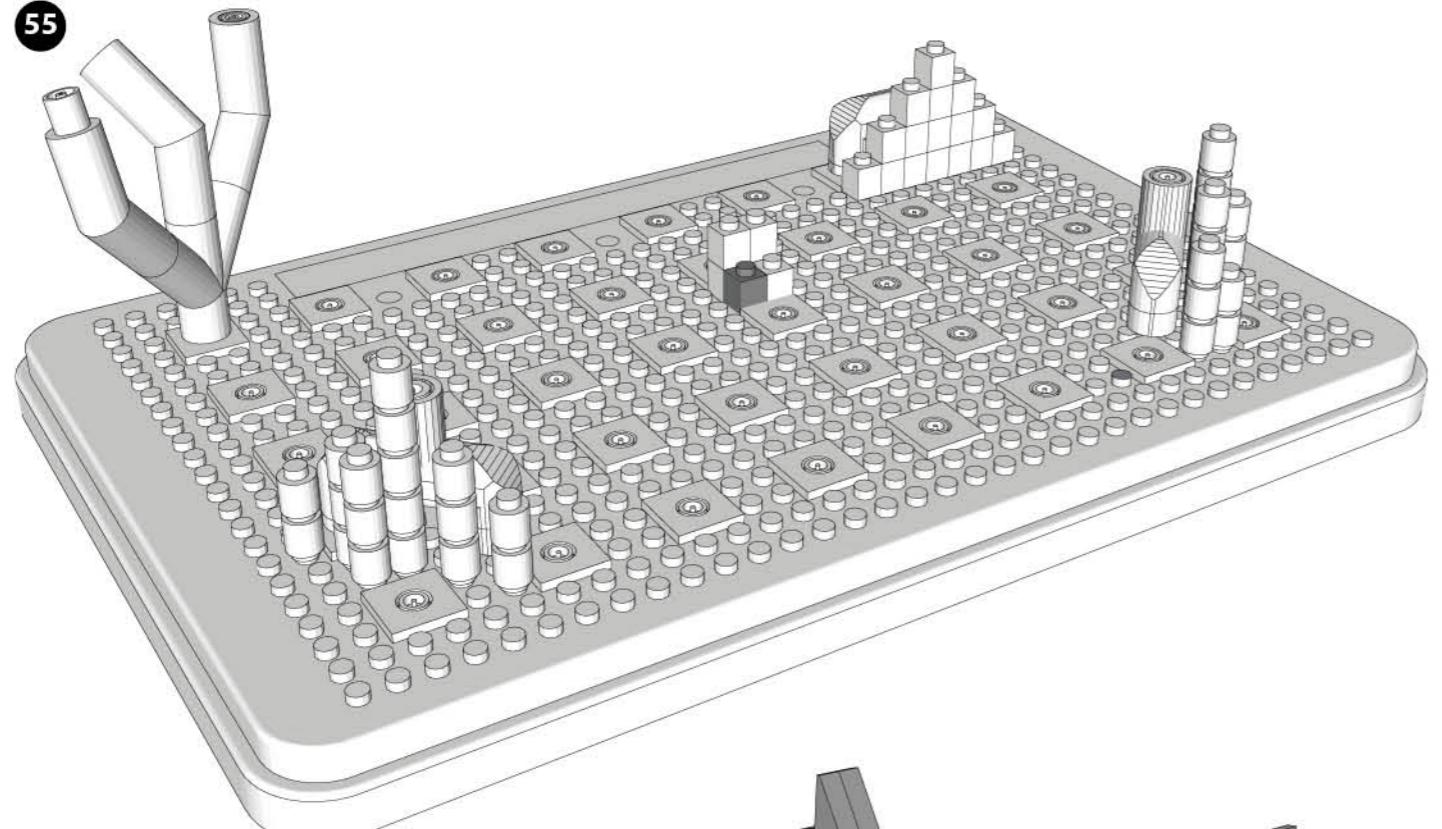


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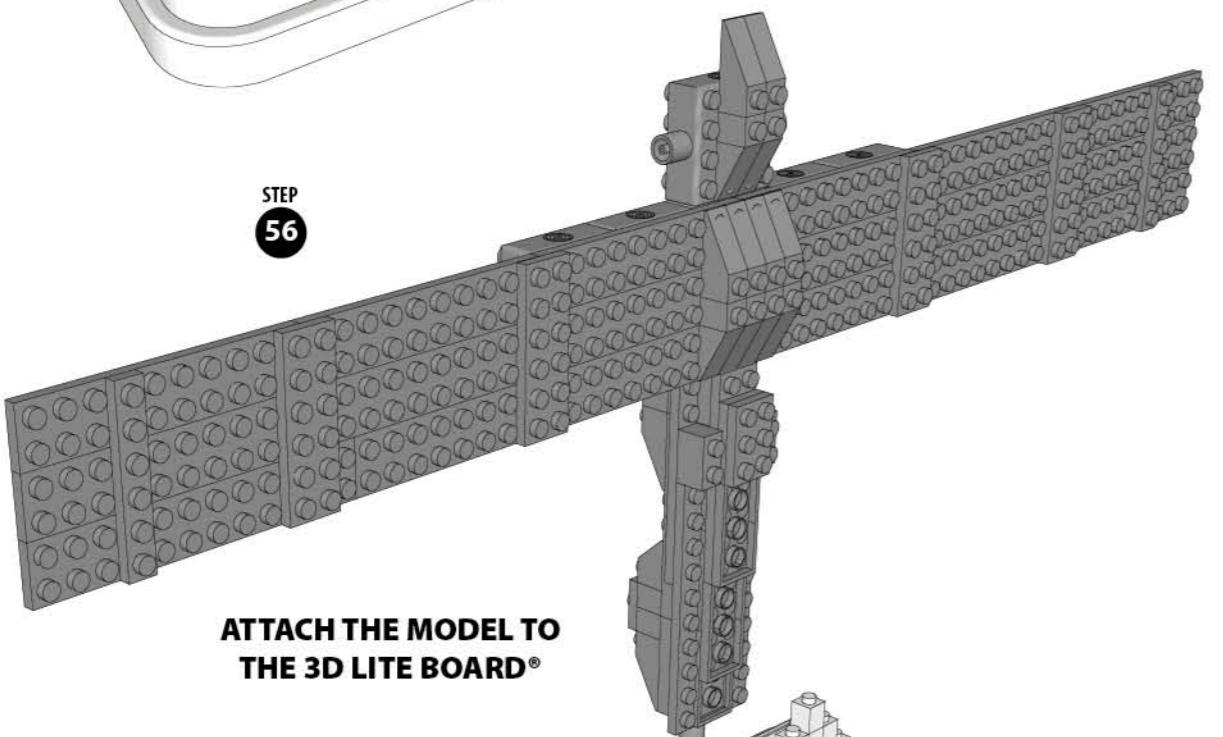




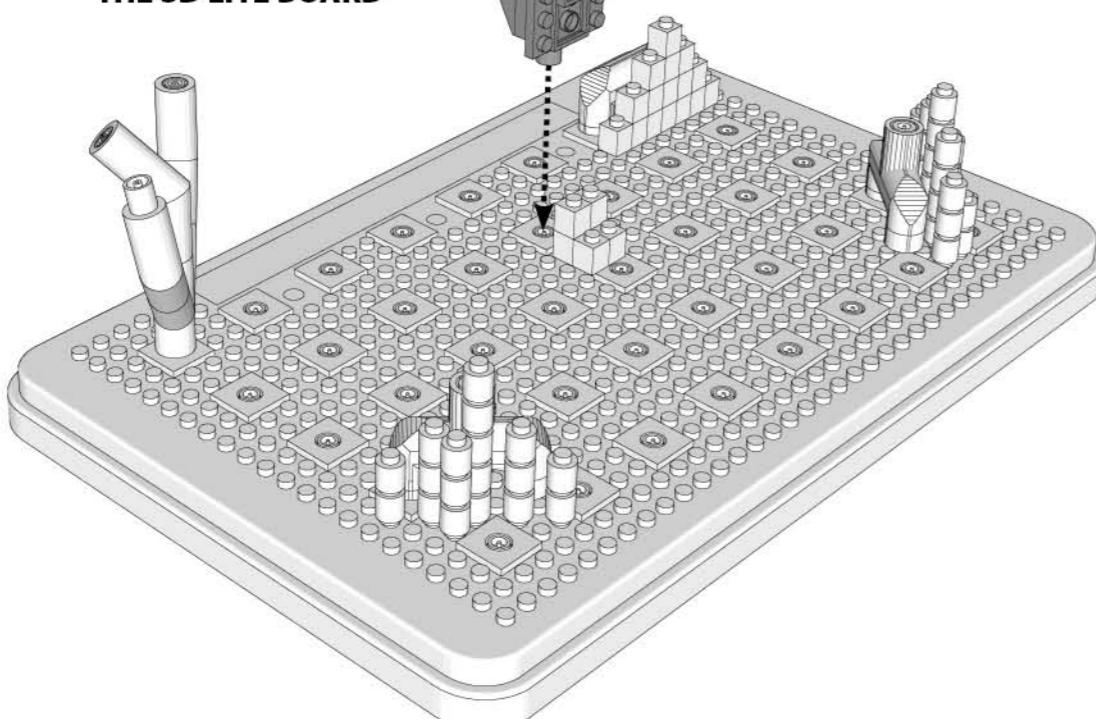
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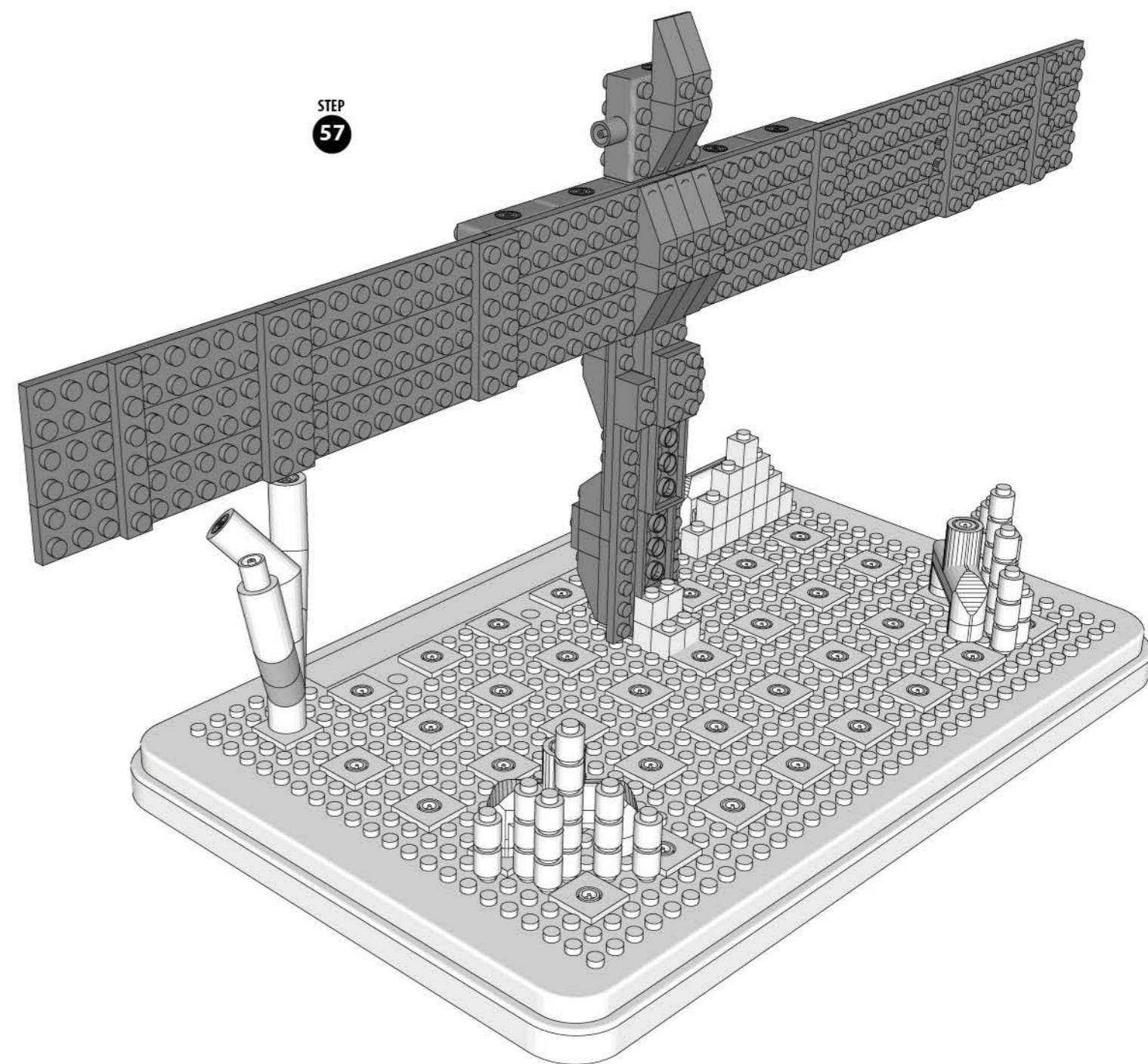
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**ATTACH THE MODEL TO  
THE 3D LITE BOARD®**



STEP  
57



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National Geographic's net proceeds support vital exploration, conservation, research, and education programs.

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US Patent #7,731,558

MADE IN CHINA