

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

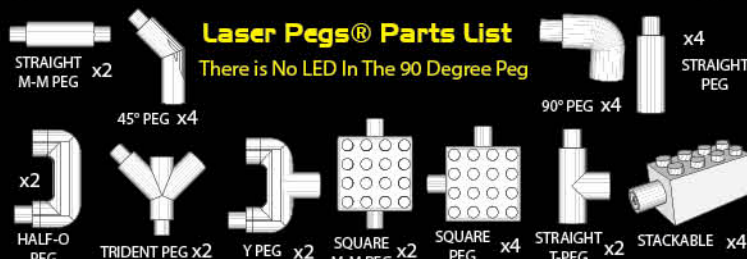
Compatible with other construction kits

EN71, RoHS COMPLIANT

This product complies to all safety requirements of ASTM F 963

MODEL INSTRUCTIONS

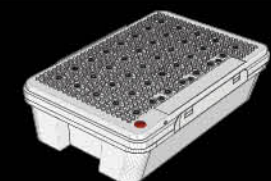
All additional model instructions can be downloaded at www.LaserPegs.com



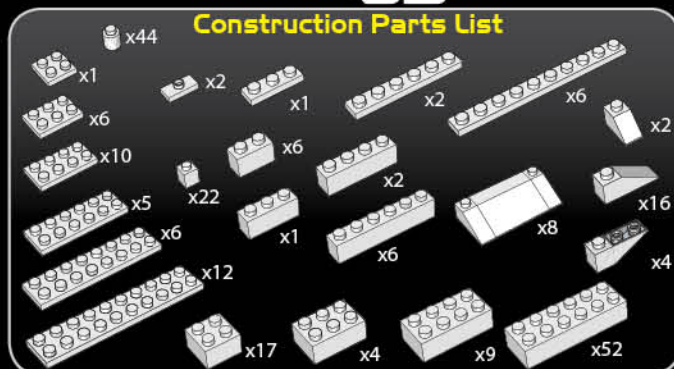
Color Code Each Laser Peg® is color coded on the circuit board inside each shape. There is No LED In The 90 Degree Peg.



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



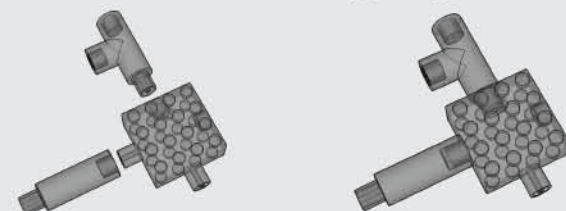
3D LITE BOARD®



www.LaserPegs.com

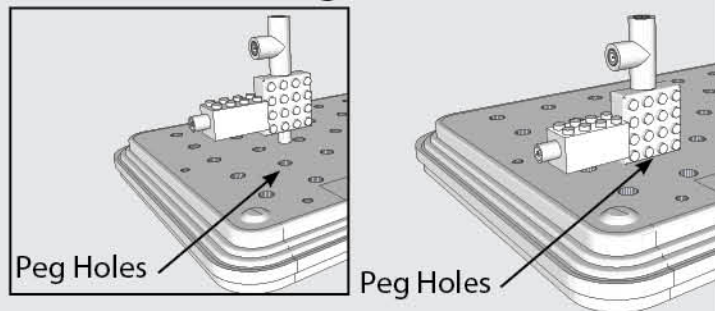
This manual is copyright and cannot be reproduced or used online without Laser Pegs® Ventures LLC permission. © Copyright 2014. All Rights Reserved US Patent #7,731,558 Additional Global & Multiple Patents Pending. Laser Pegs® Ventures LLC. 8304 Consumer Ct Sarasota FL. 34240. Contact: Support@LaserPegs.com

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®

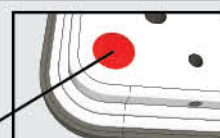


Press button to turn on/off

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

WARNING: STROBE LIGHTS MAY CAUSE SEIZURES

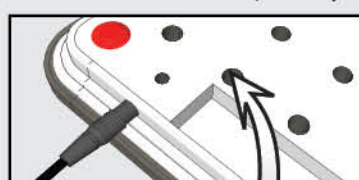
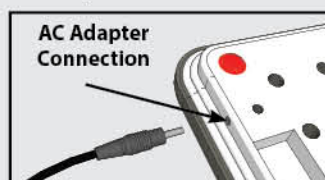
Power Button



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!

Power Button

4 light settings.

Press power button to change light setting.

SOUND/ON/FLASH/FLASH FASTER

3D Lite Board®

Peg Holes

Construction Kit Compatible Studs

AC Adapter

INPUT is on the SIDE of 3D Lite Board®.

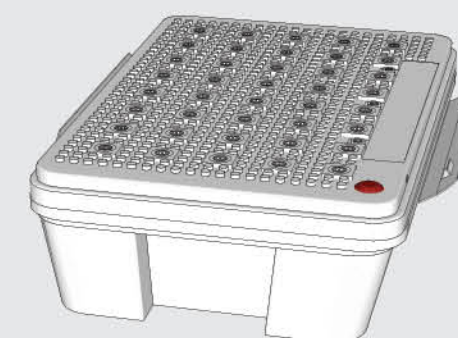
Battery Compartment

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.

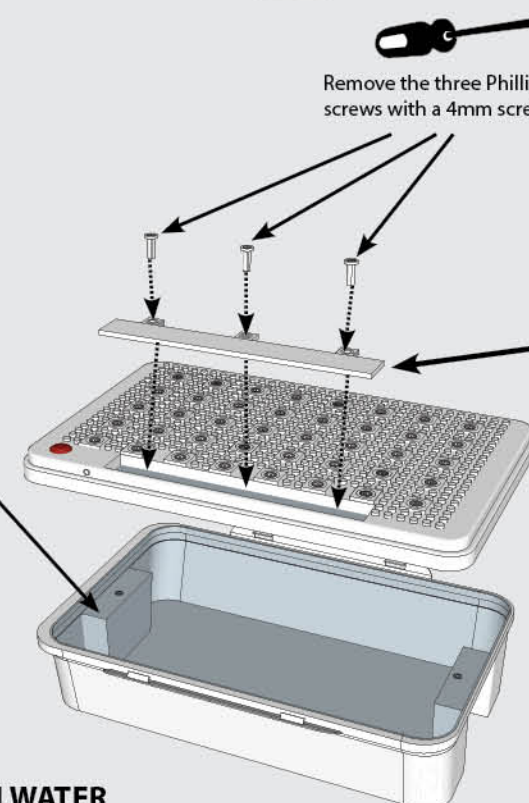


Tote Box

Designed for storage of Laser Pegs® parts.

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

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 fall 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
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!

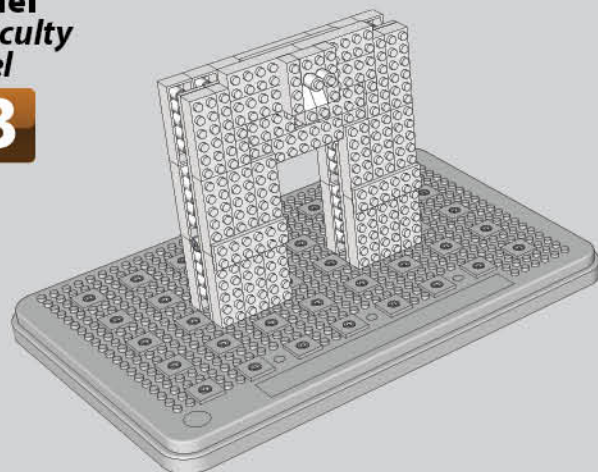
GATEWAY OF THE SUN: This stone structure stands near Lake Titicaca in present-day Bolivia. It may be more than 10,000 years older than Egypt's Great Pyramids.



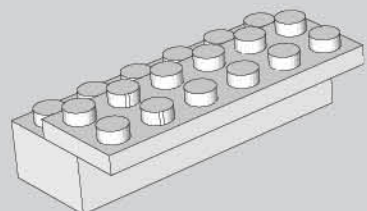
GATEWAY OF THE SUN

Model
Difficulty
Level

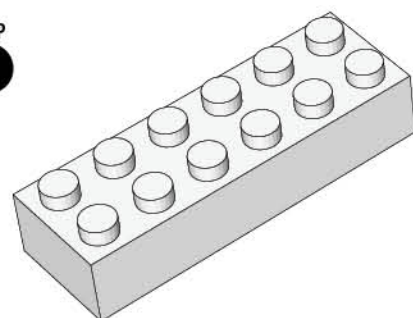
3



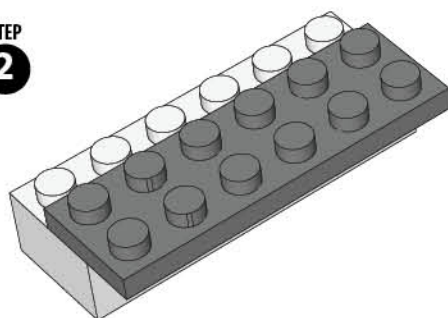
A



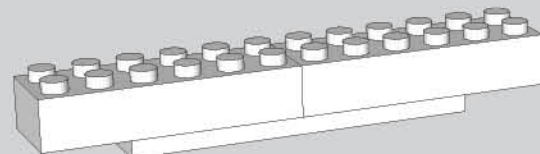
STEP
1



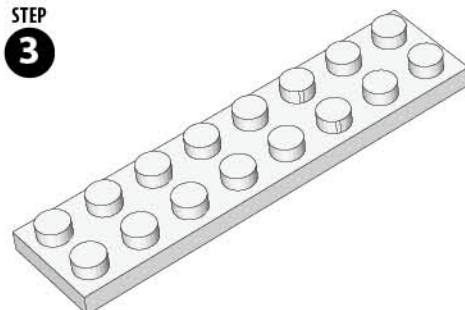
STEP
2



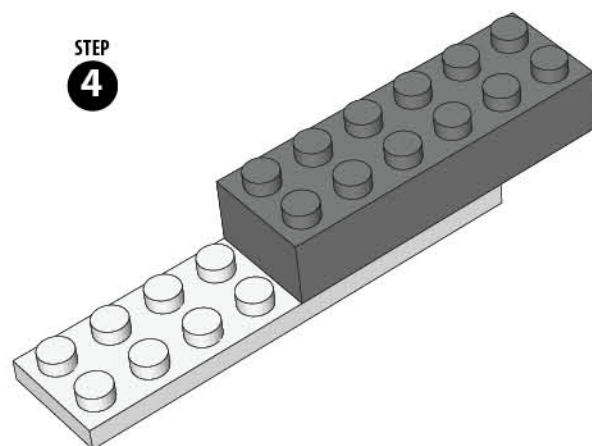
B



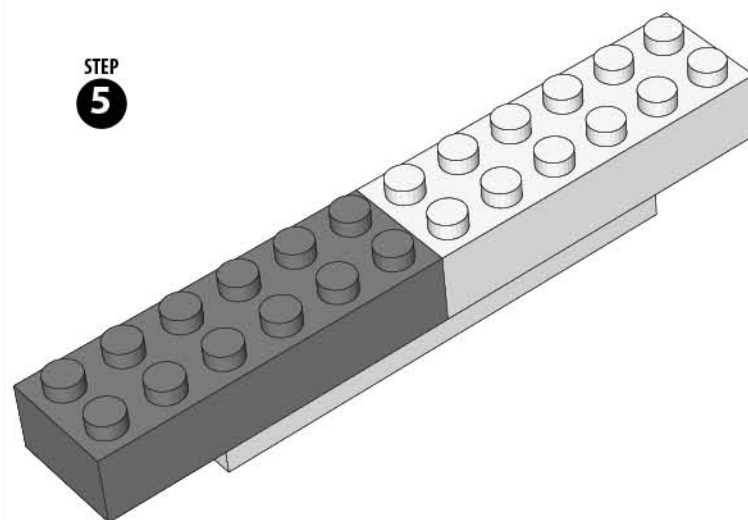
STEP
3



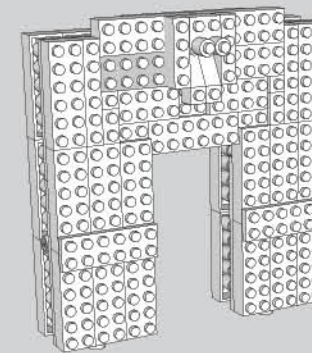
STEP
4



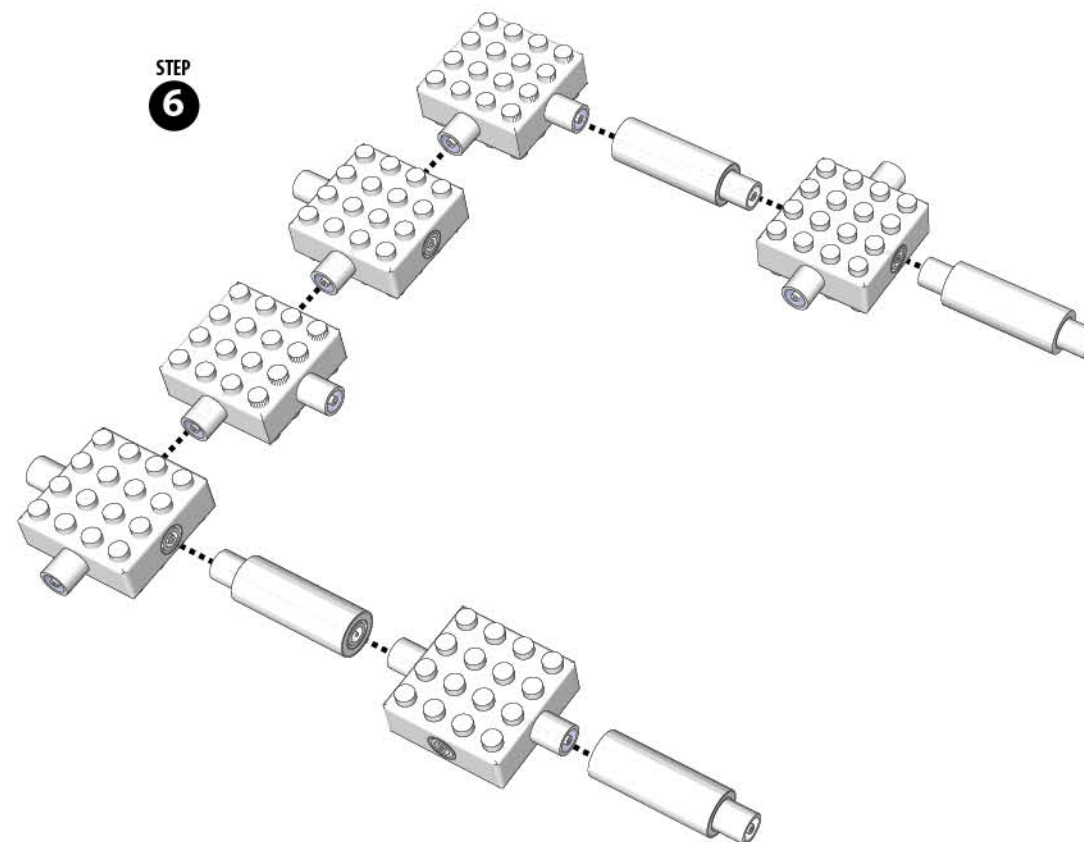
STEP
5



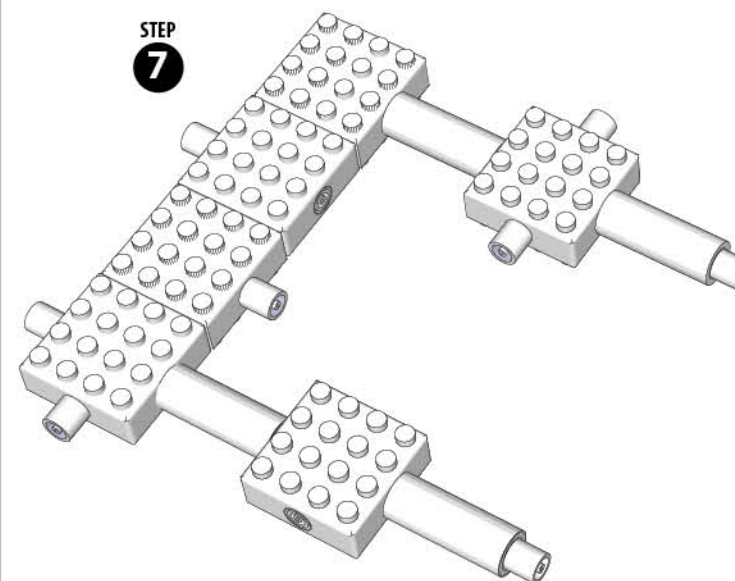
C



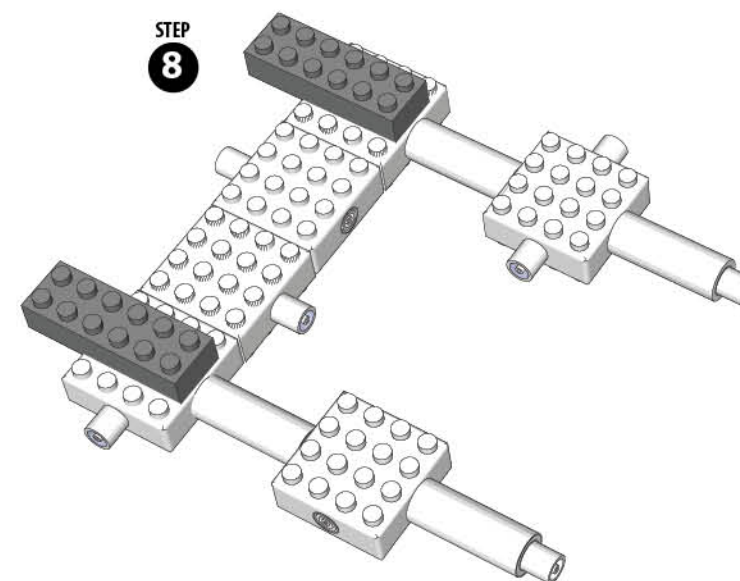
STEP
6



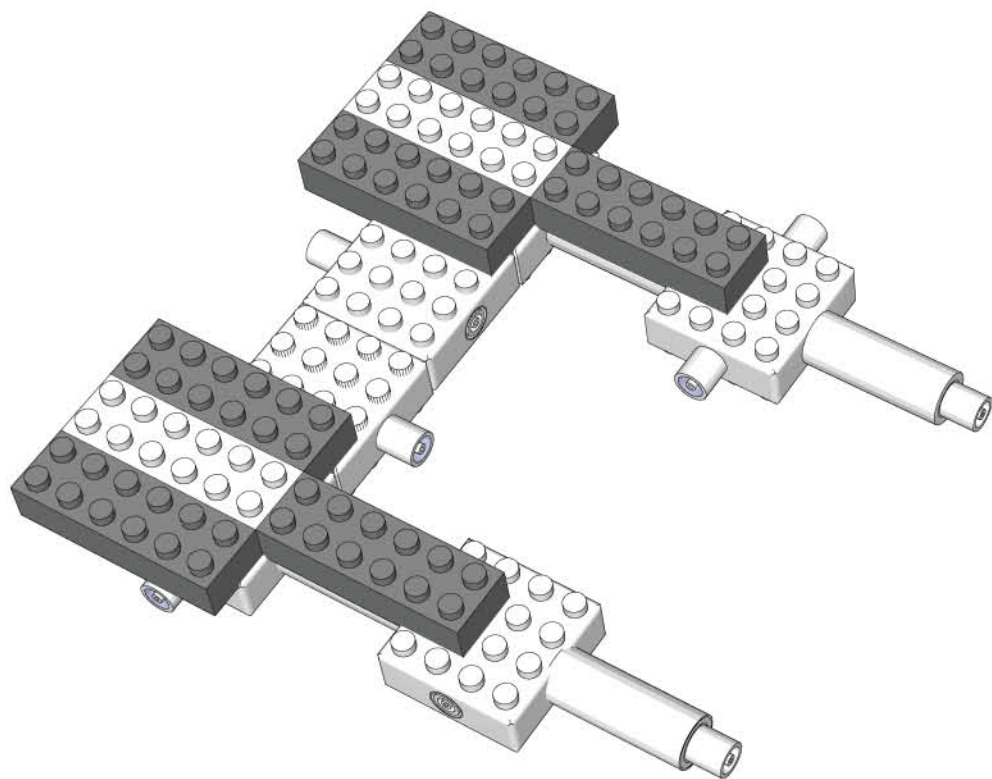
STEP
7



STEP
8

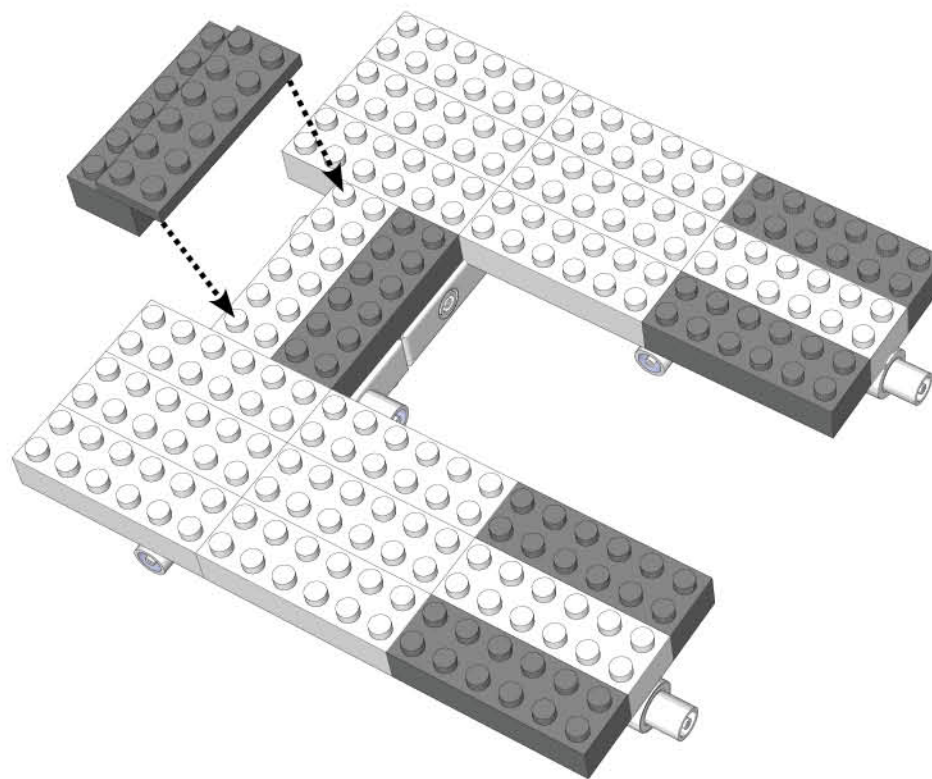


STEP
9

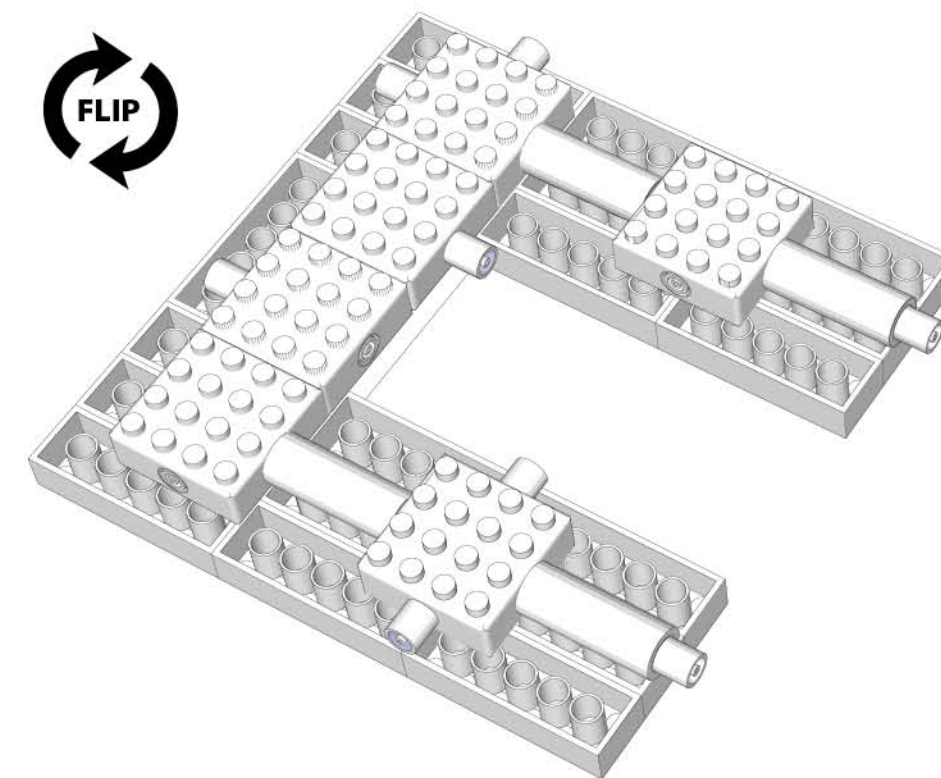


STEP
11

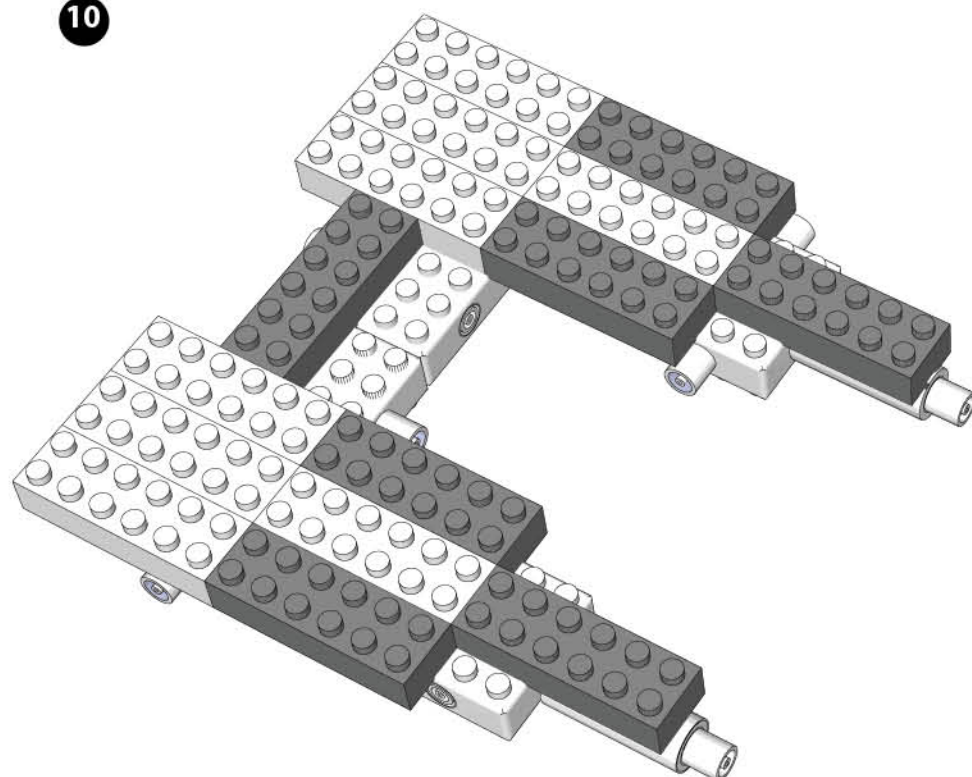
COMBINE A



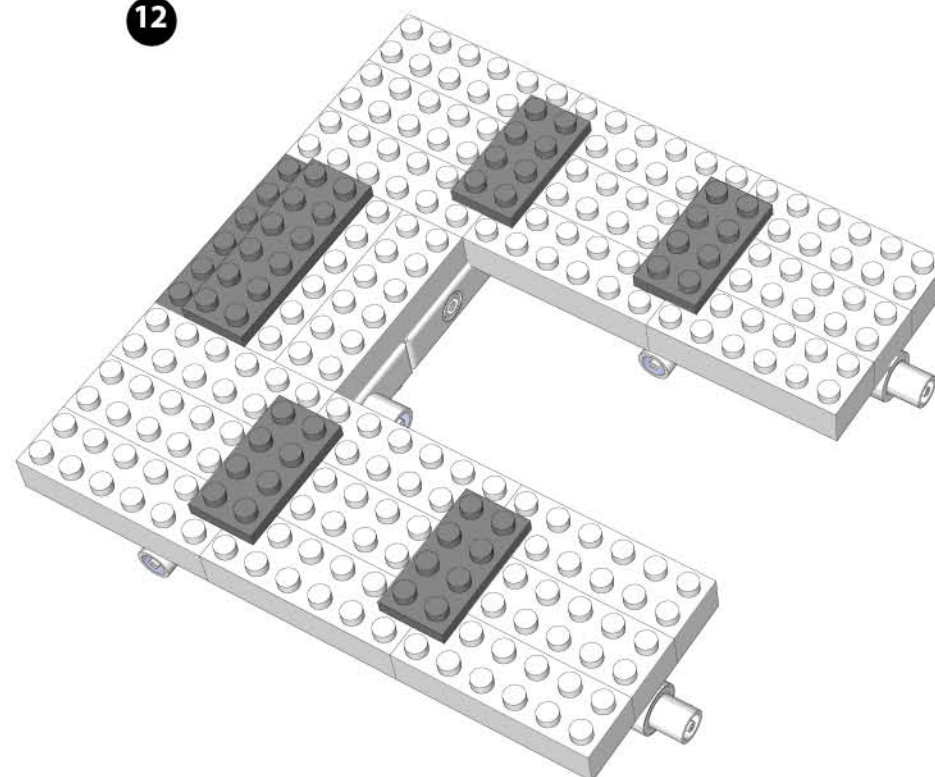
STEP
13



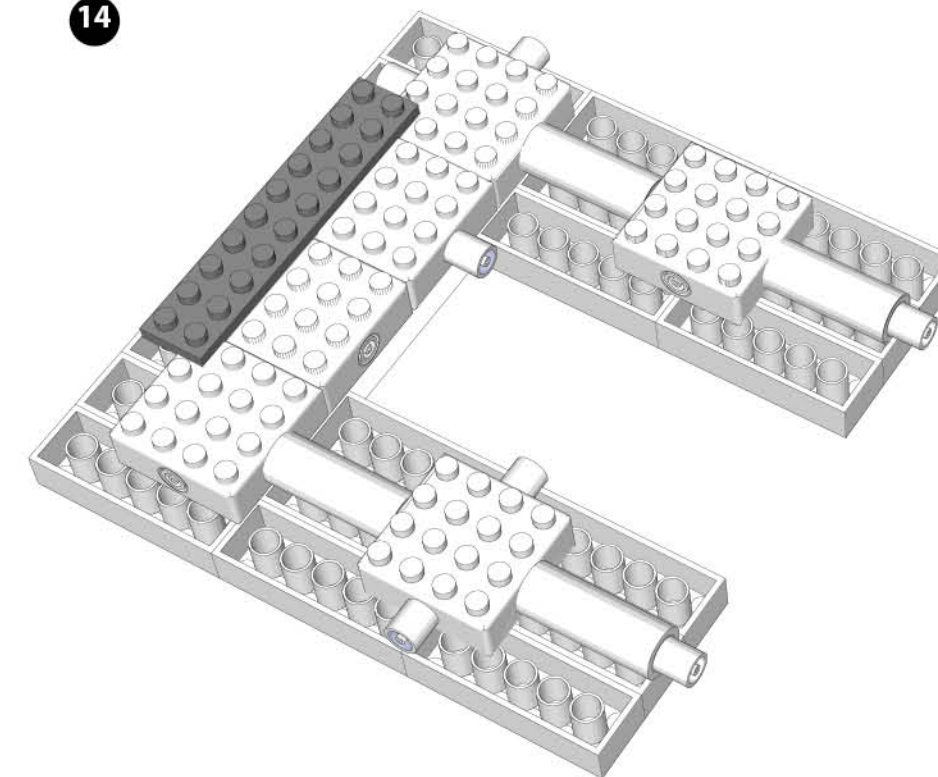
STEP
10



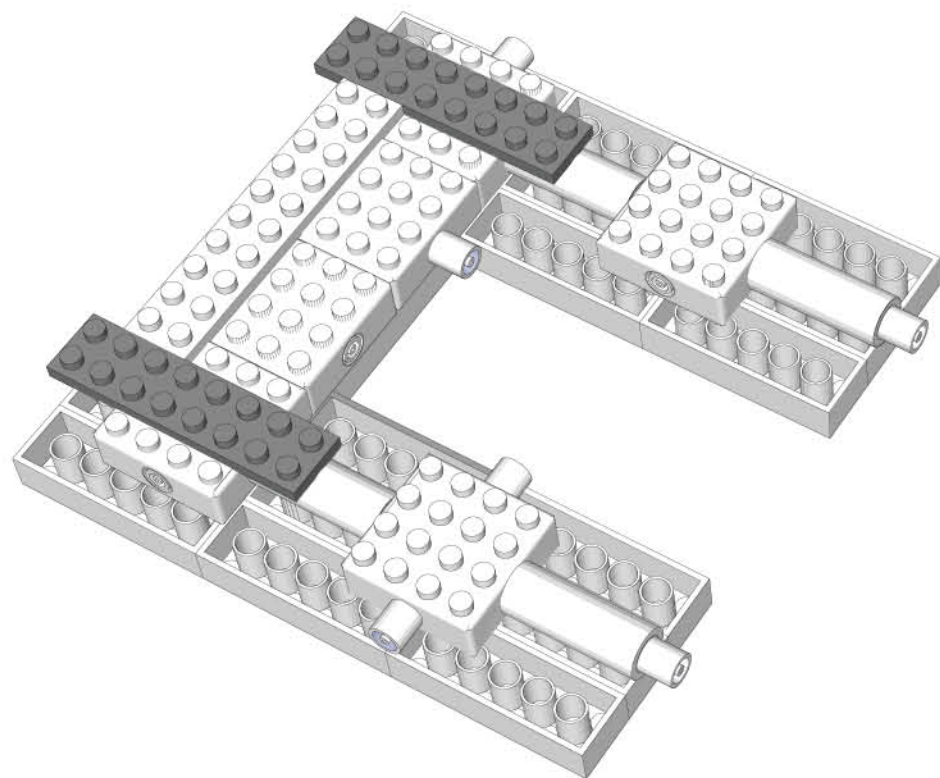
STEP
12



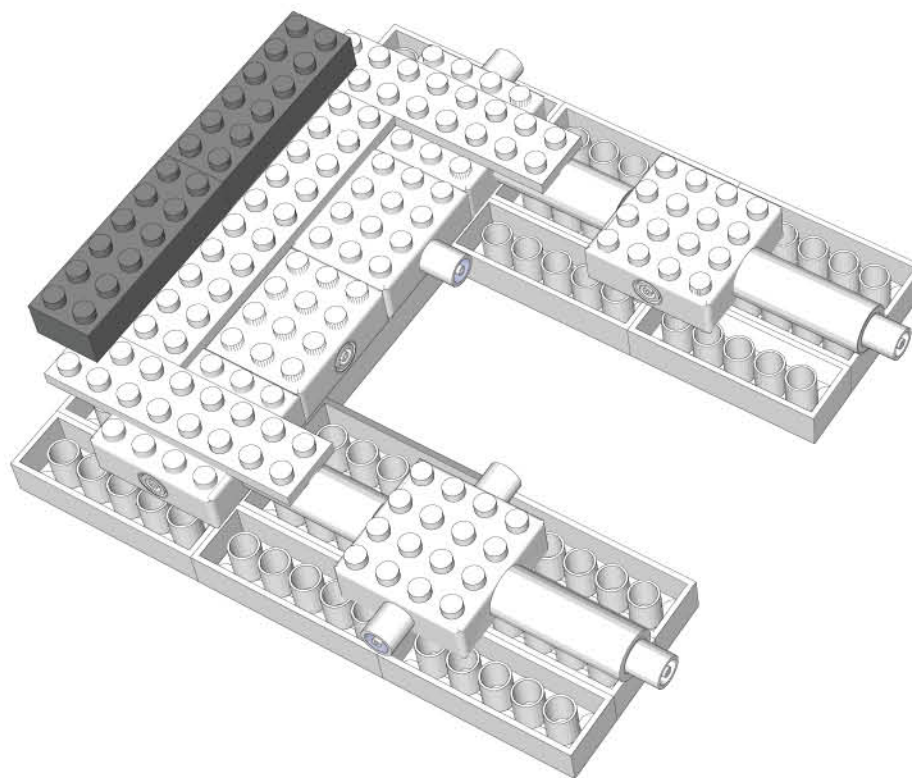
STEP
14



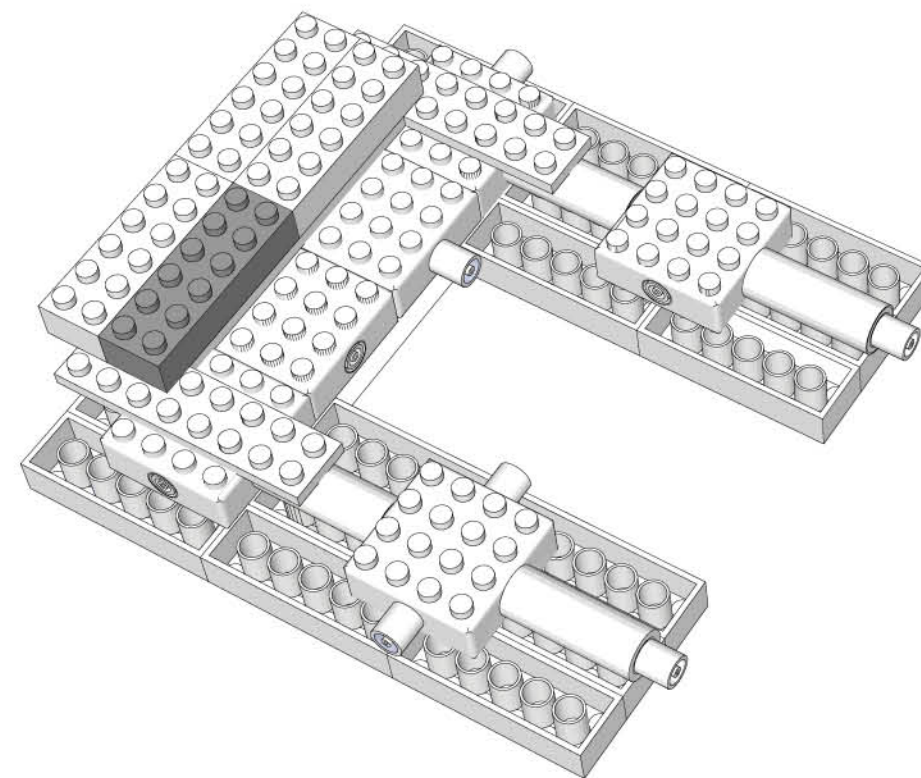
STEP
15



STEP
17

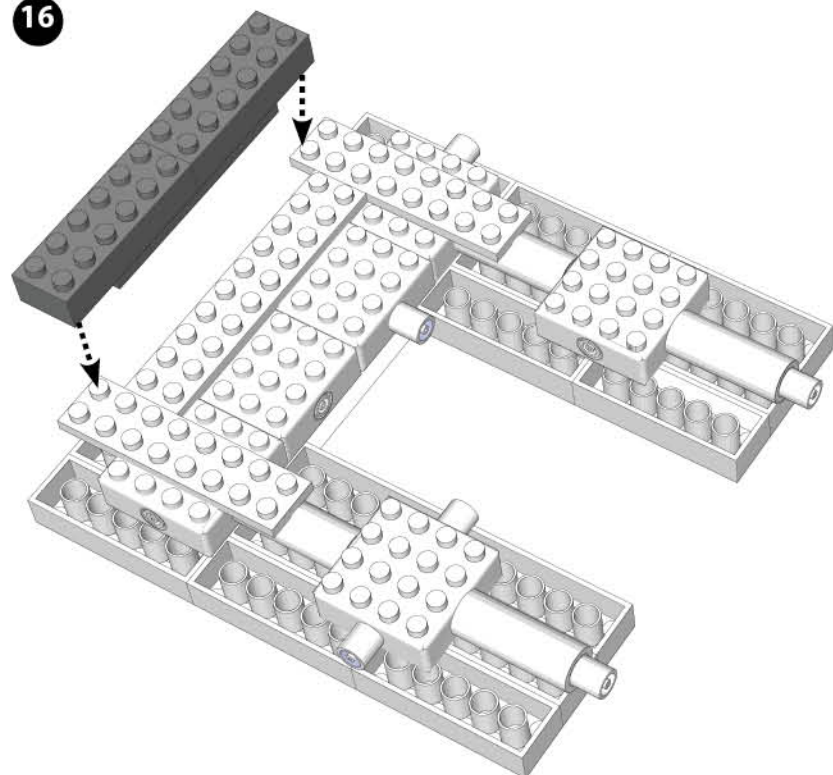


STEP
19

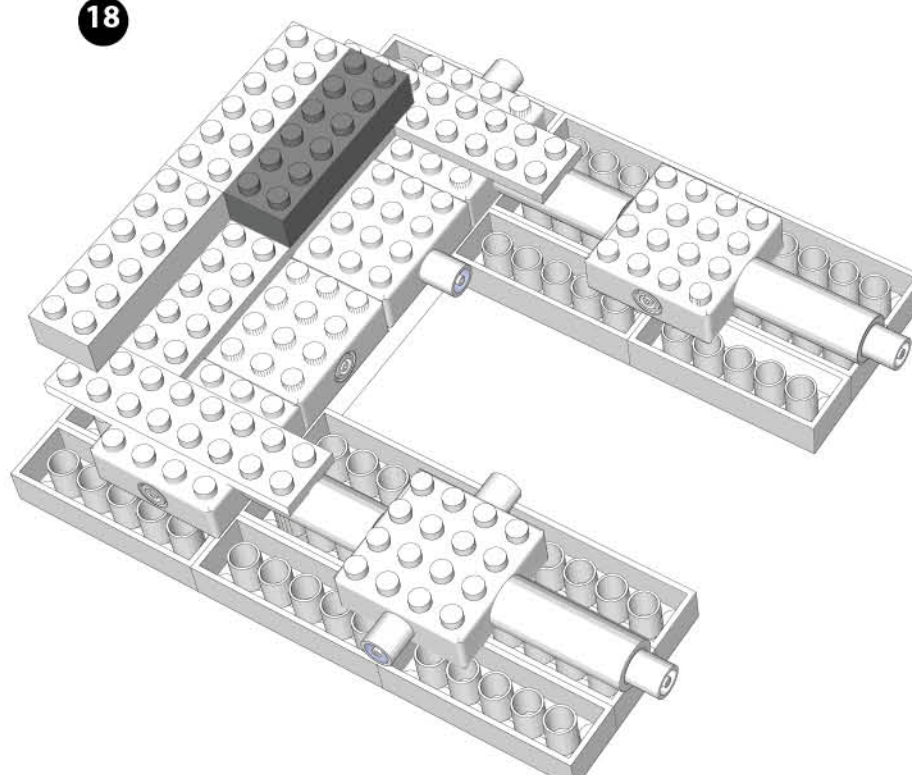


STEP
16

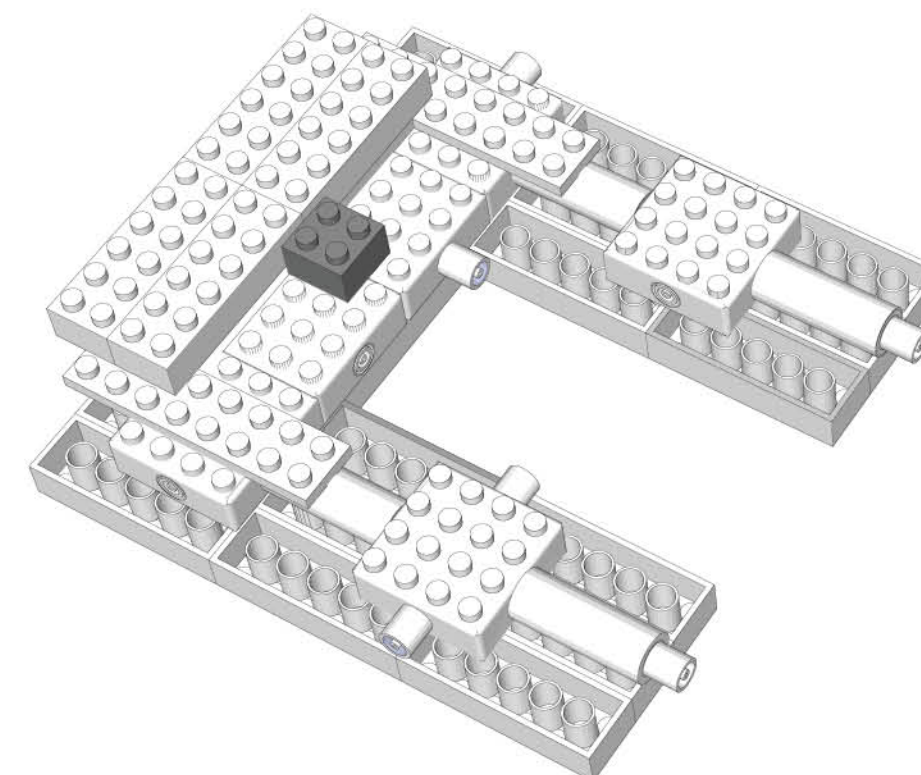
COMBINE B



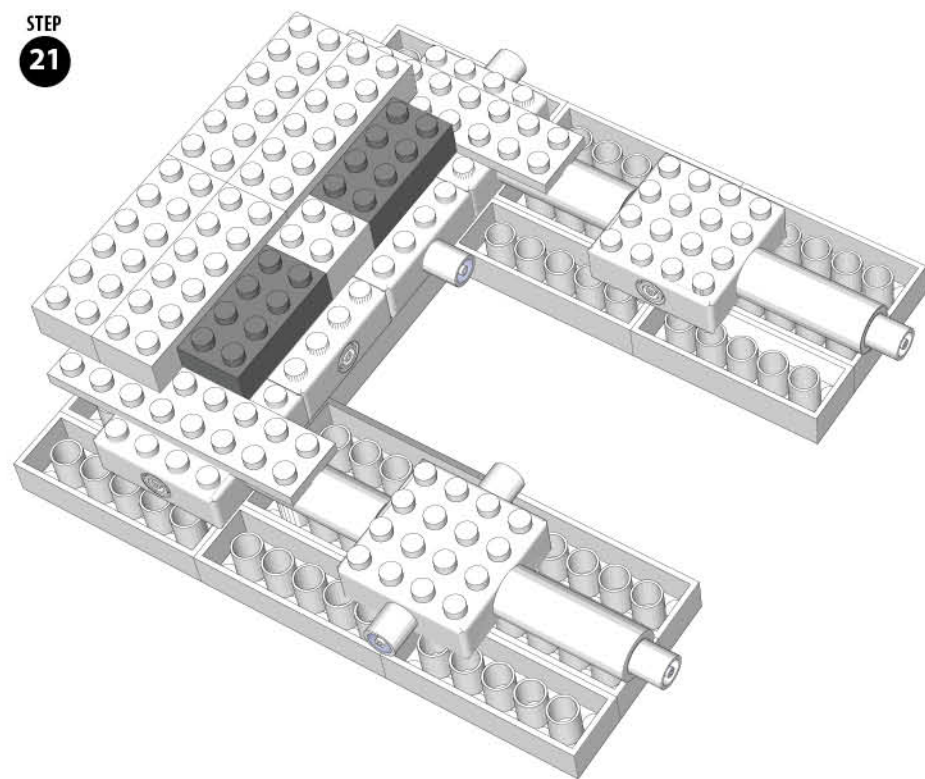
STEP
18



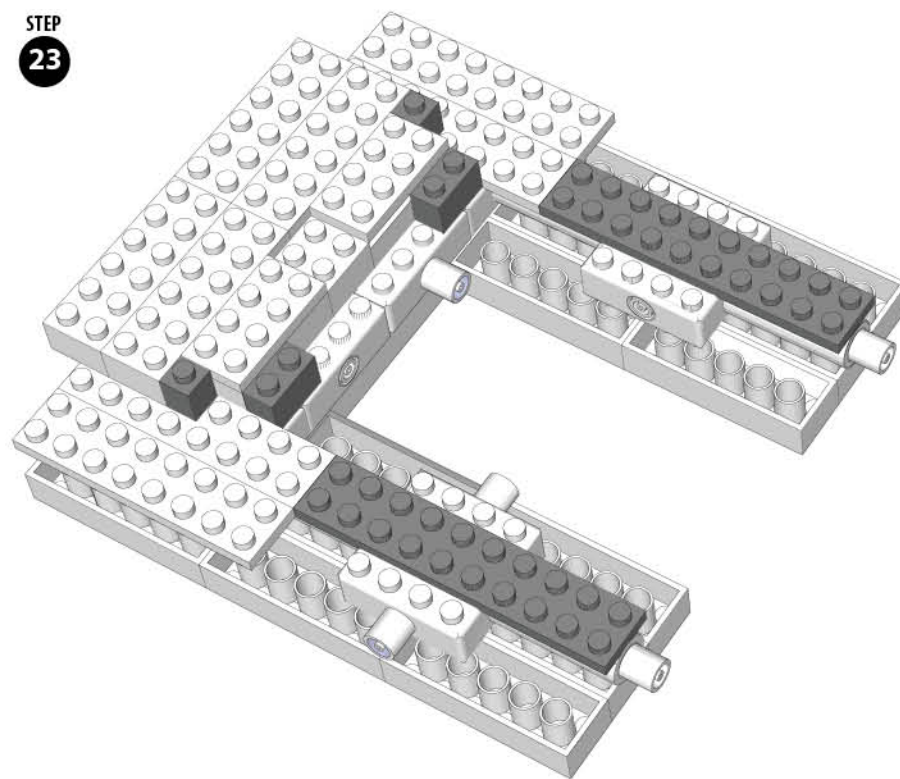
STEP
20



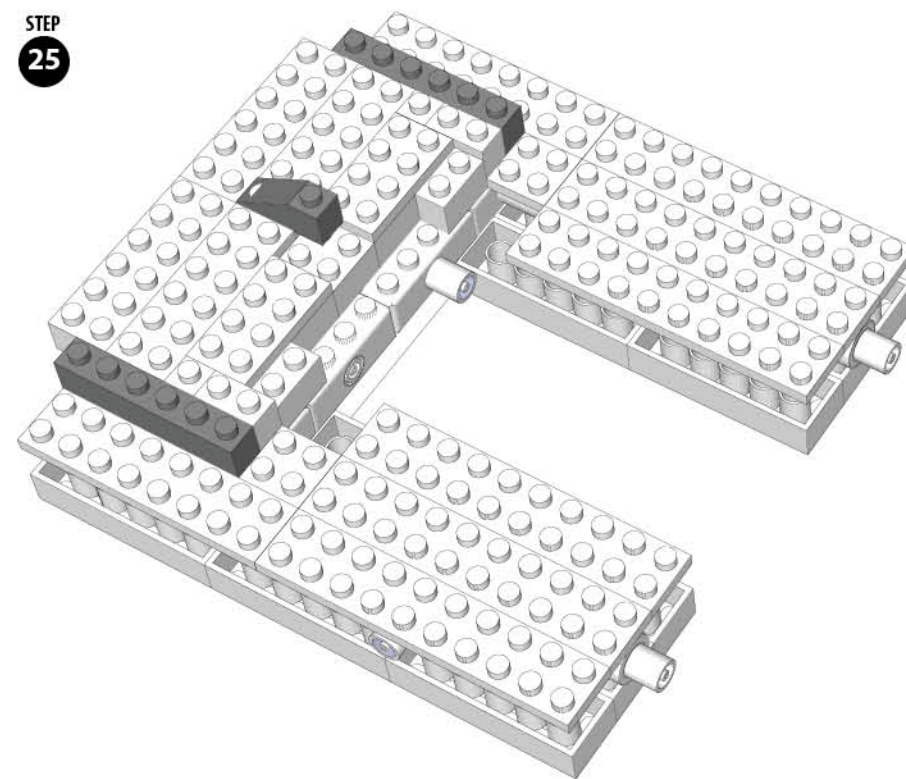
STEP
21



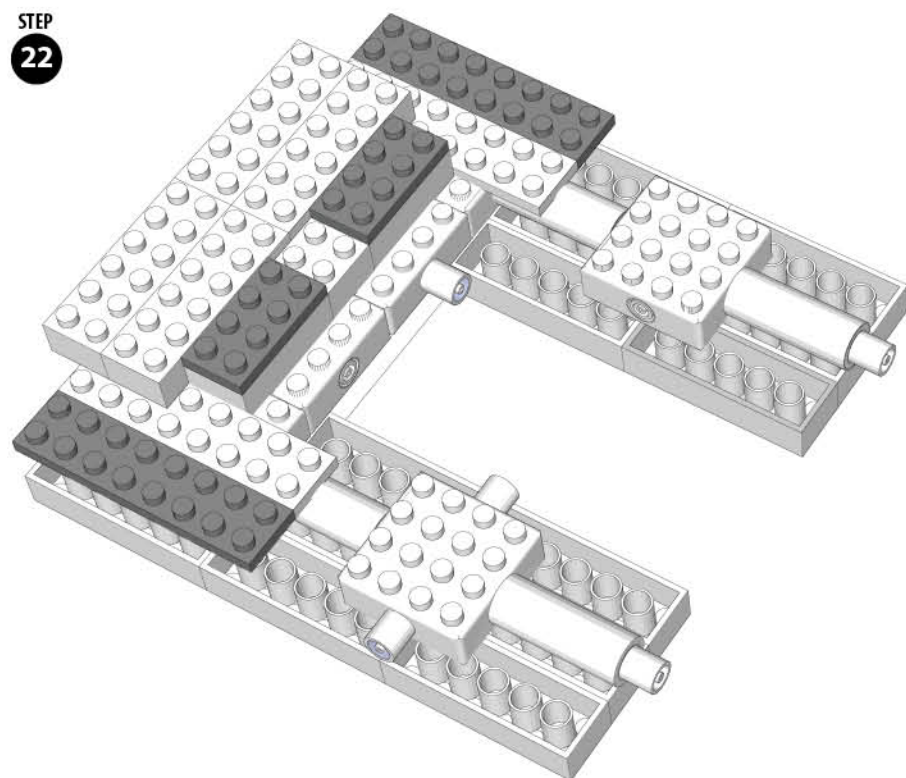
STEP
23



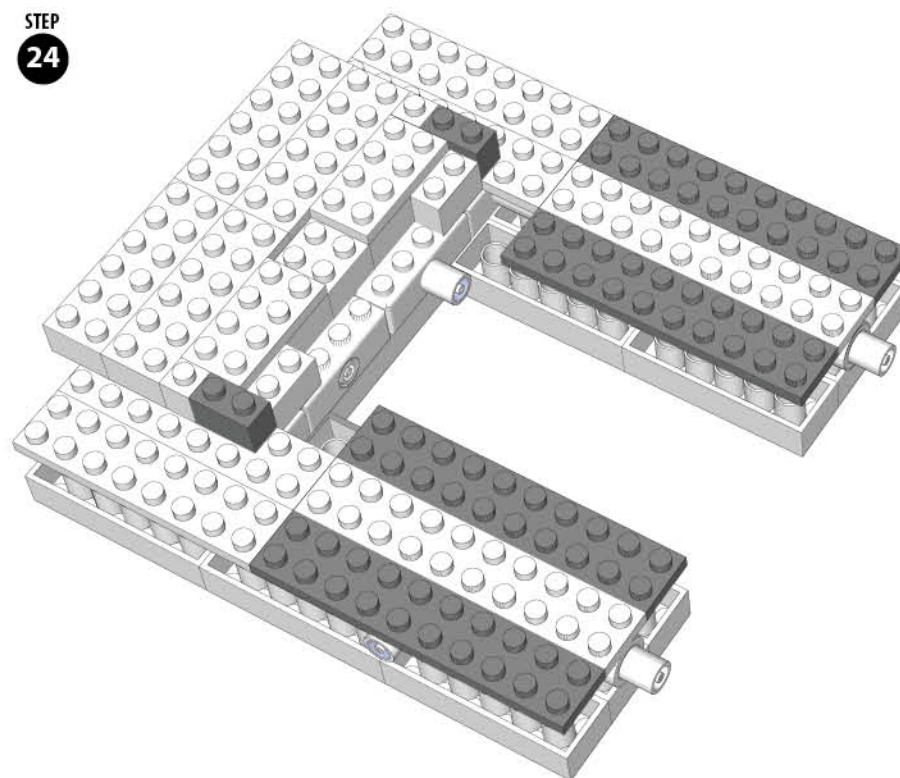
STEP
25



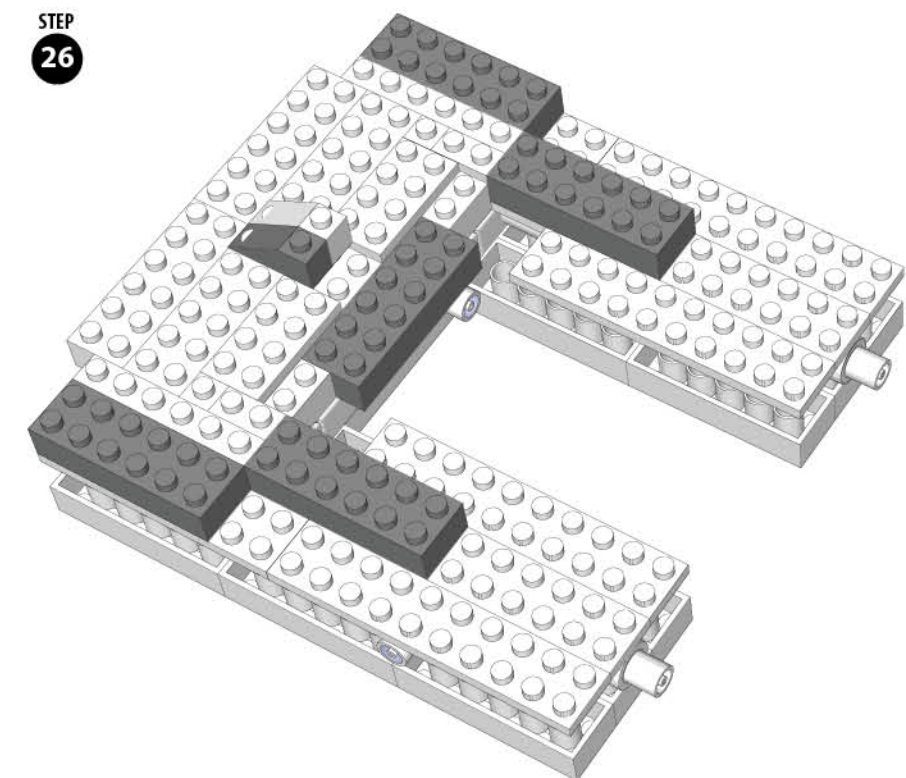
STEP
22



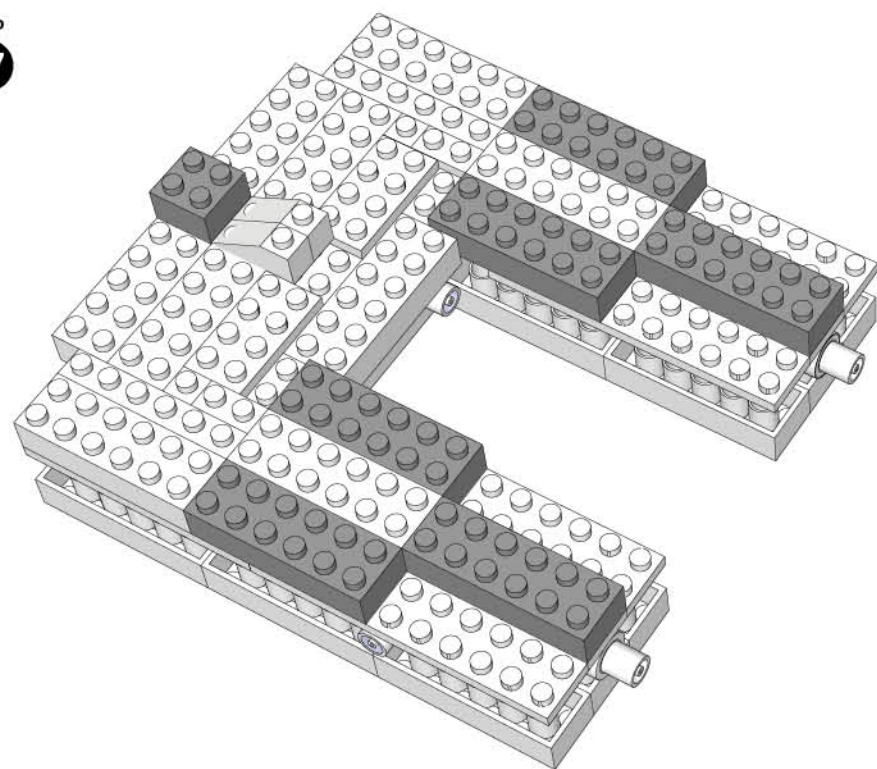
STEP
24



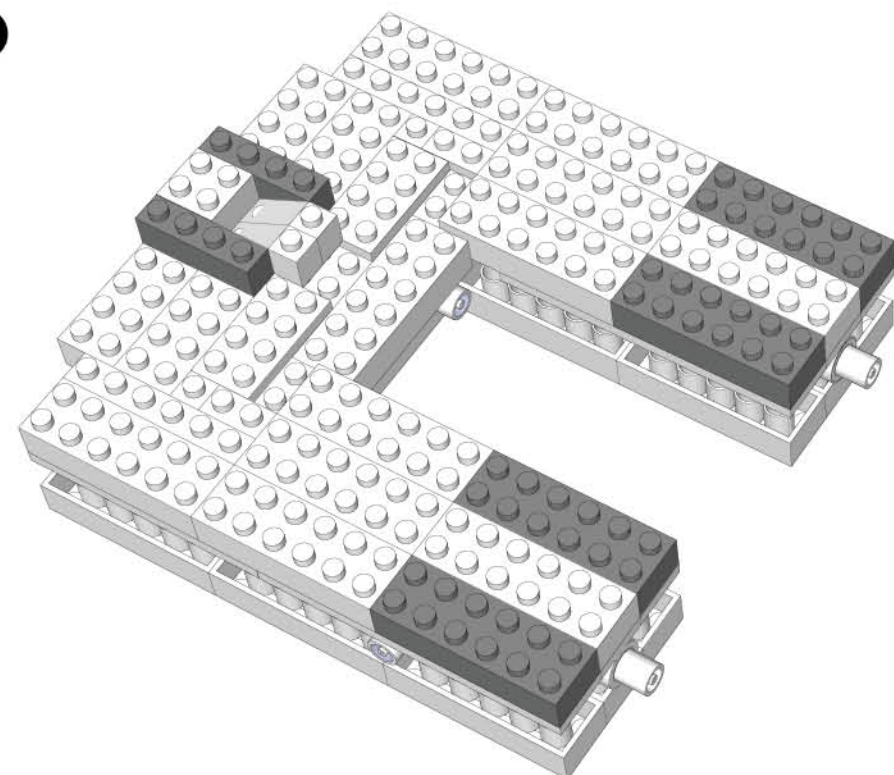
STEP
26



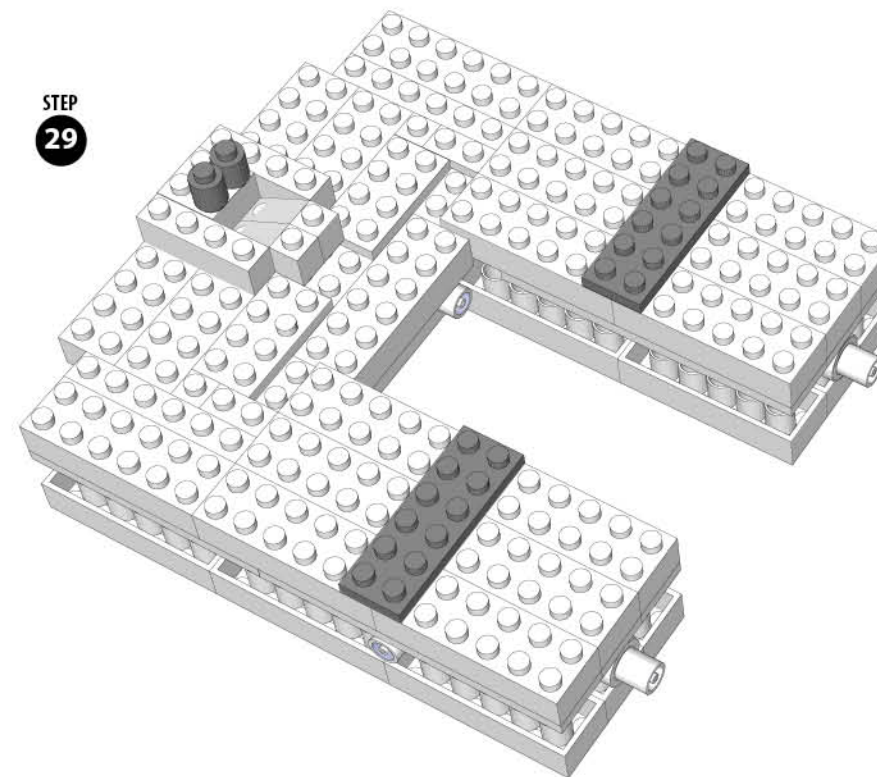
STEP
27



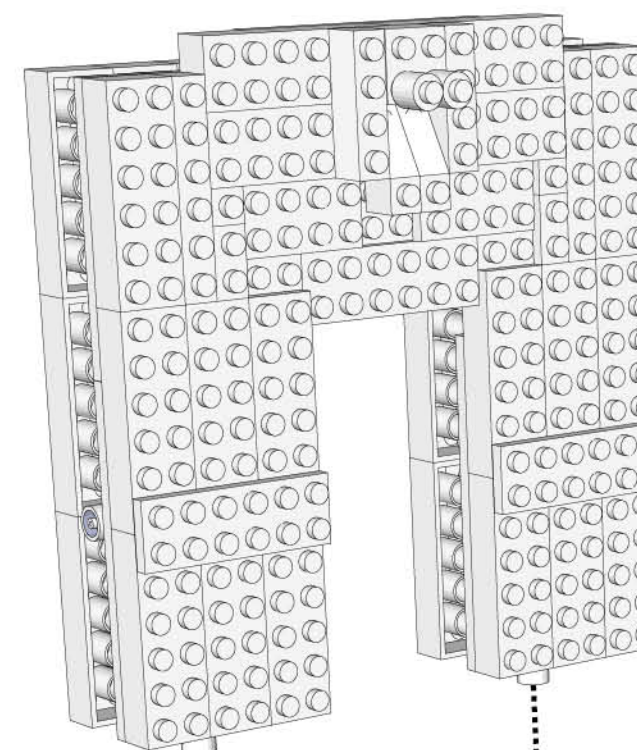
STEP
28



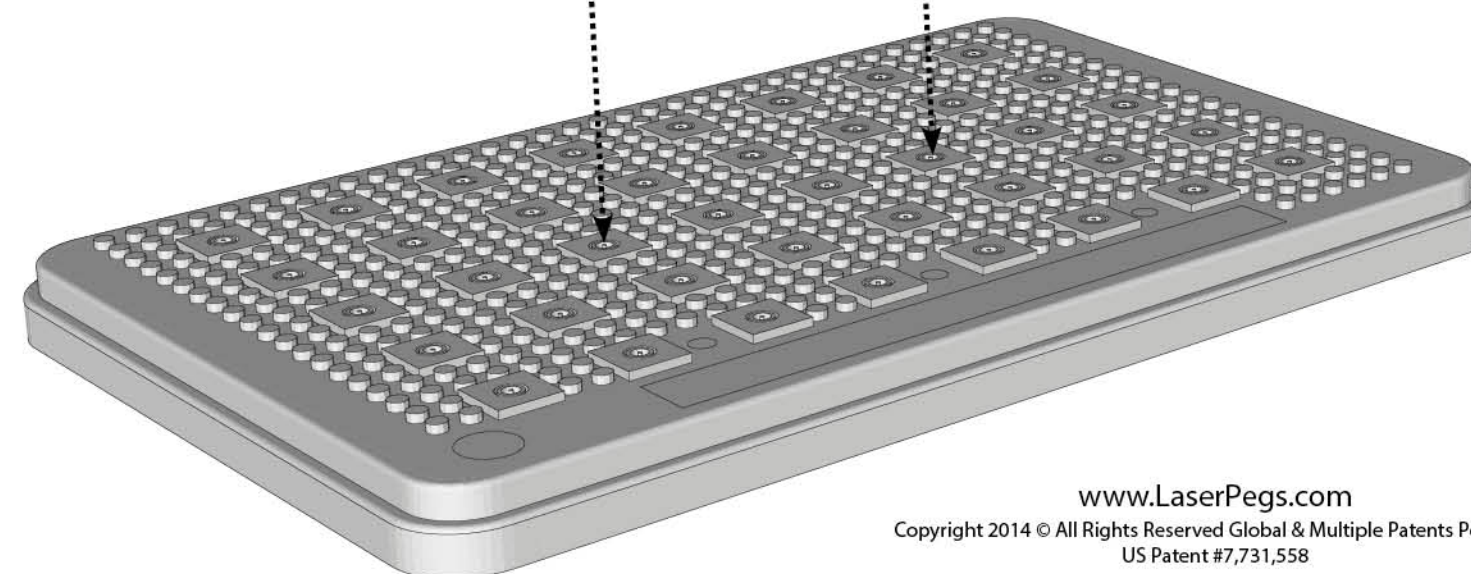
STEP
29



STEP
30



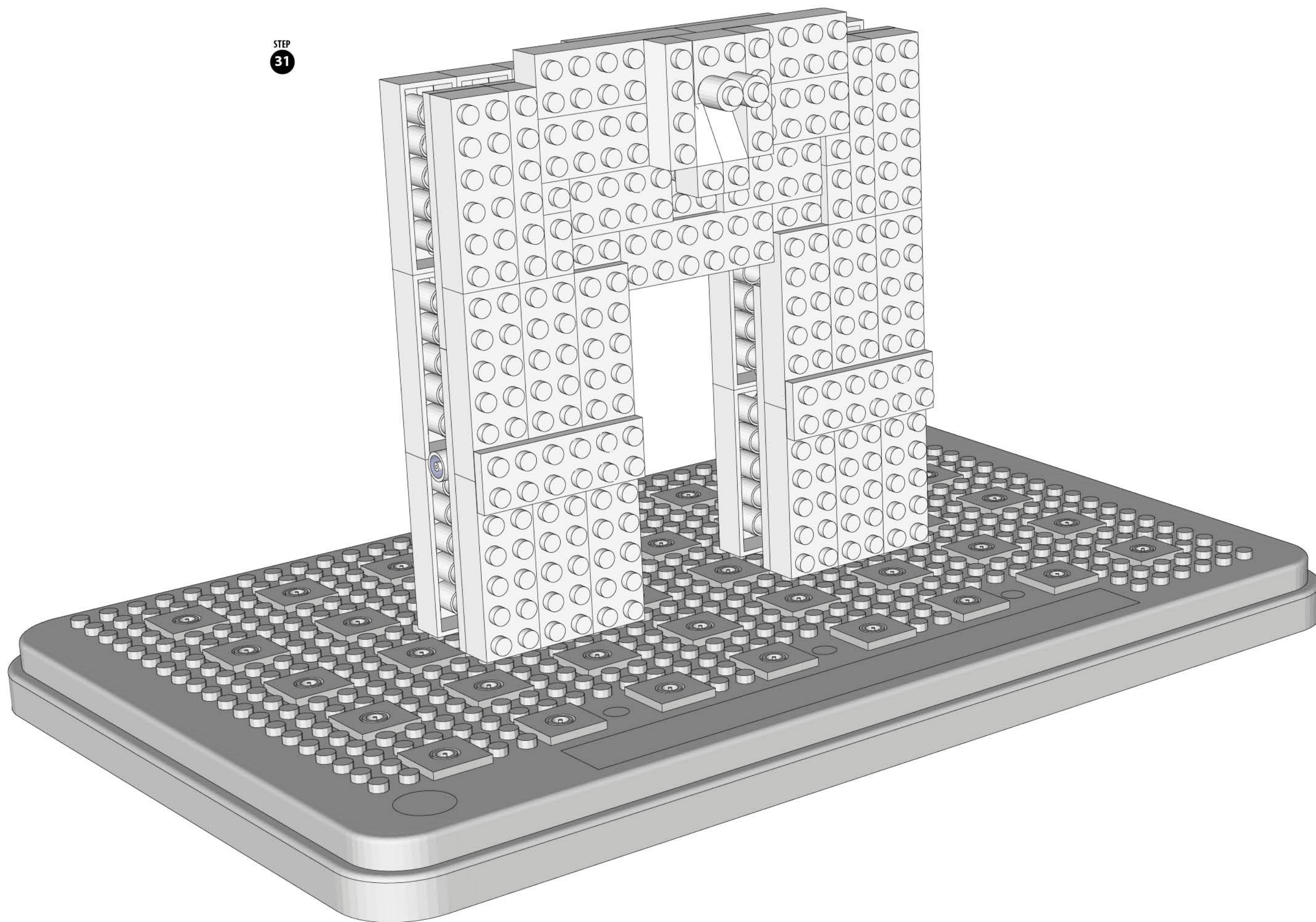
**ATTACH THE MODEL TO THE
3D Lite Board®**



www.LaserPegs.com

Copyright 2014 © All Rights Reserved Global & Multiple Patents Pending.
US Patent #7,731,558

STEP
31



MADE IN CHINA

NATIONAL GEOGRAPHIC KIDS and Yellow Border Design are trademarks of the National Geographic Society, used under license. All rights reserved.



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

www.LaserPegs.com

Copyright 2014 © All Rights Reserved Global & Multiple Patents Pending.
US Patent #7,731,558