

# LASER PEGS®

The Ultimate Construction Toy For Kids®

**G1670B**  
**CARGO PLANE**

**AGES 5+**  
**12 Models+**  
Any creation you can build

**LIGHTED**  
CONSTRUCTION SET INCLUDES:

- 14 Laser Pegs®
- 80 Construction Parts
- Triangle Power Base
- Instruction Manual

Requires 3 AA Batteries

Batteries NOT  
Included

EN71, RoHS COMPLIANT

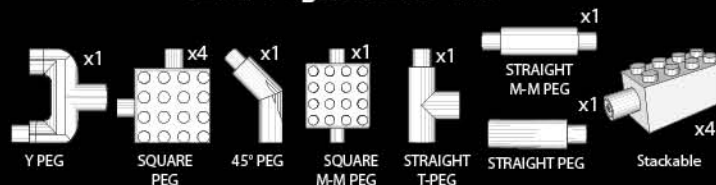
This product complies to  
all safety requirements  
of ASTM F 963



## MODEL INSTRUCTIONS

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

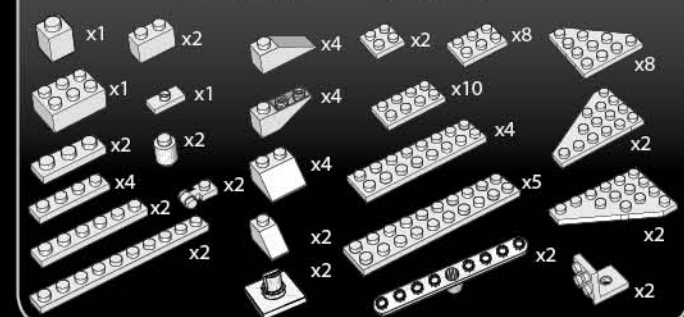
### Laser Pegs® Parts List



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



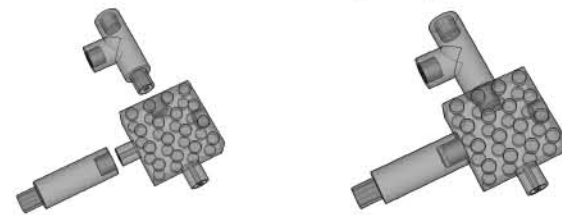
### Construction Parts List



[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](mailto: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.

### Environmental Phenomena

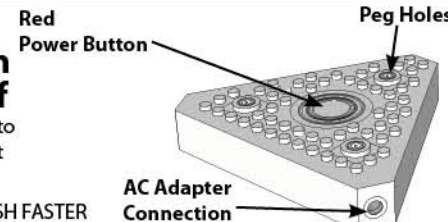
\* The unit may malfunction if subjected to radio-frequency interference. It SHOULD revert to normal operation when the interference stops. If not, it may become necessary to turn the power off and back on, or remove and reinstall the batteries.

\* 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.

### Push Red Power Button to turn on/off

Push Red Power Button to cycle through 4 different light settings.

SOUND/ON/FLASH/FLASH FASTER



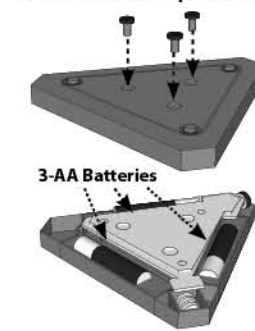
**WARNING: STROBE LIGHTS  
MAY CAUSE SEIZURES**

The toy is not to be connected to more than  
the recommended number of power supplies

## Replacing Batteries

1. Remove the three (3) screws.
2. Place three (3) AA batteries in the correct position - as displayed inside the Triangle Power Base.
3. Reassemble the Triangle Power Base.
4. Replace the three (3) screws.
5. Push RED Power Button to turn on!
6. Do not mix old and new batteries.
7. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium, NiMH) batteries!
8. Exhausted batteries are to be removed from the Triangle Power Base.
9. Never connect more than 200 Laser Pegs®
10. Non-rechargeable batteries are not to be recharged.
11. Rechargeable batteries are only to be recharged under adult supervision.
12. Rechargeable batteries are to be removed from the toy before being recharged.
13. Batteries are to be inserted with the correct polarity.
14. The supply terminals are not to be short-circuited.
15. DO NOT THROW BATTERIES INTO FIRE!

### Remove the 3 Phillips head screws

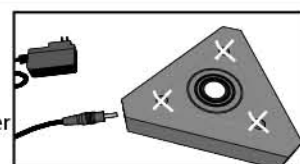


Remove the three Phillips head  
screws with a 4mm screw driver.  
Requires (3AA) Batteries

Please dispose of batteries properly as per state and local regulations.

### Using an AC Adapter

Remove all batteries  
from Laser Pegs® power  
base before using the  
5-volt AC adapter.



When using an AC  
Adapter, NEVER  
place the adapter  
plug into the Tri-  
angle Power Base  
top peg holes.

\*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 Triangle Power Base 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.

**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!

**DO NOT SUBMERGE IN WATER**

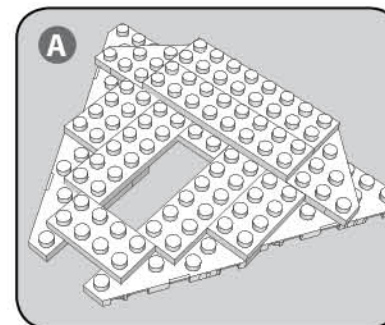
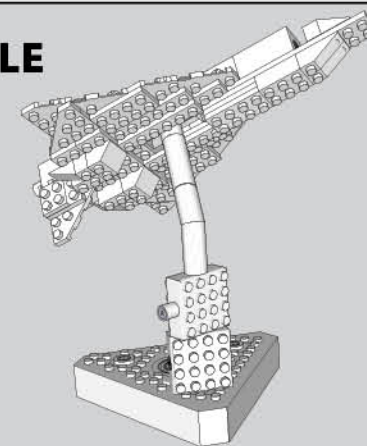
SPACE SHUTTLE-The first orbiter, Enterprise, was built purely for Approach and Landing Tests and had no orbital capability. Four fully operational orbiters were initially built: Columbia, Challenger, Discovery, and Atlantis.



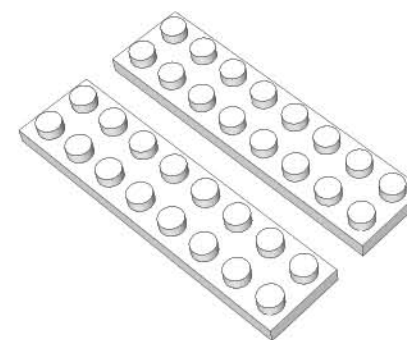
## SPACE SHUTTLE

Model  
Difficulty  
Level

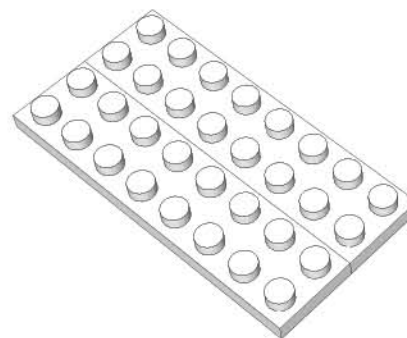
**4**



STEP  
1



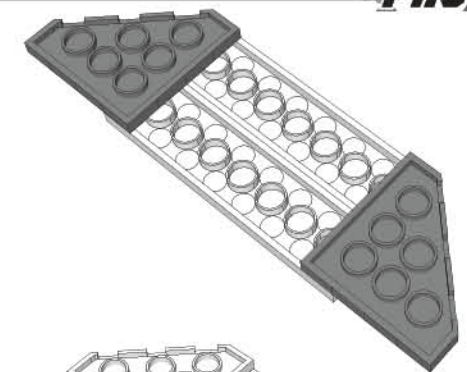
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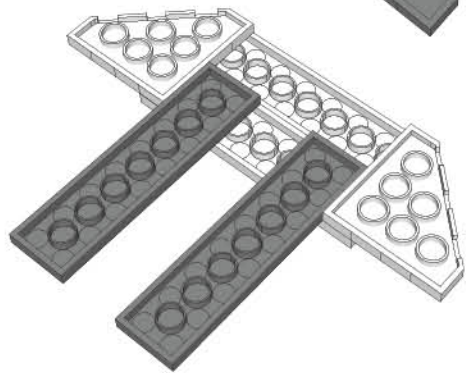
STEP  
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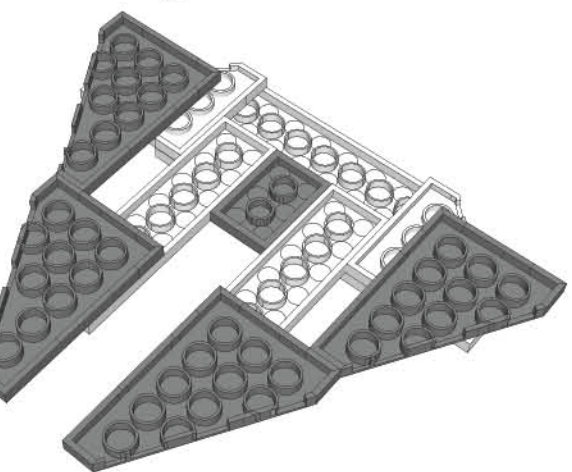
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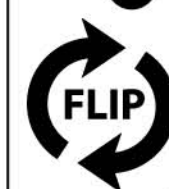
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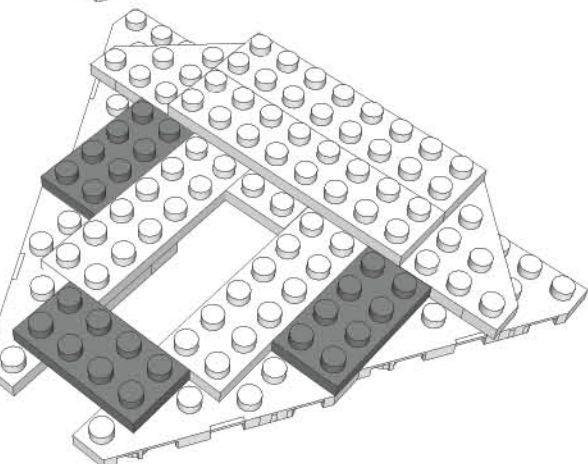
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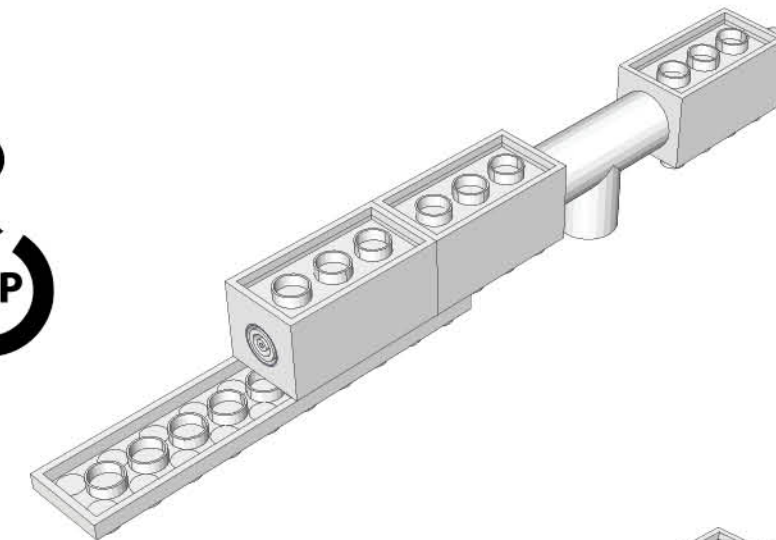
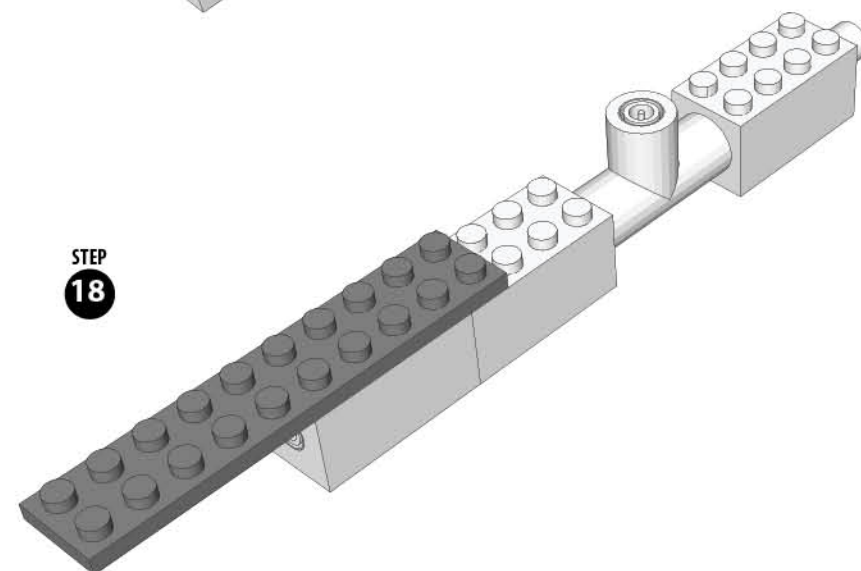
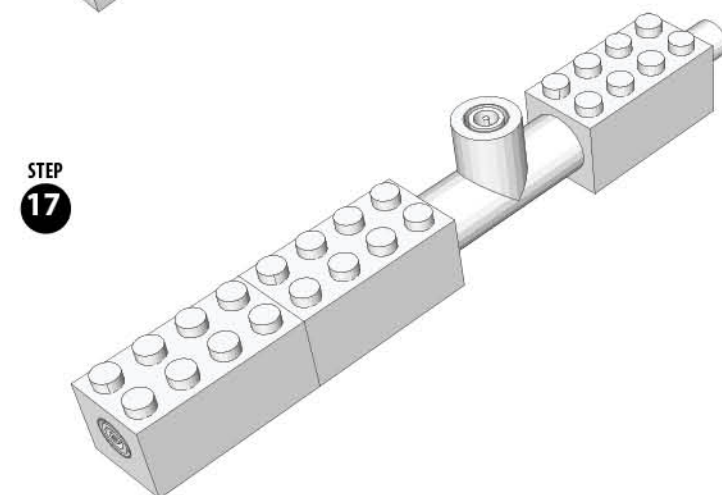
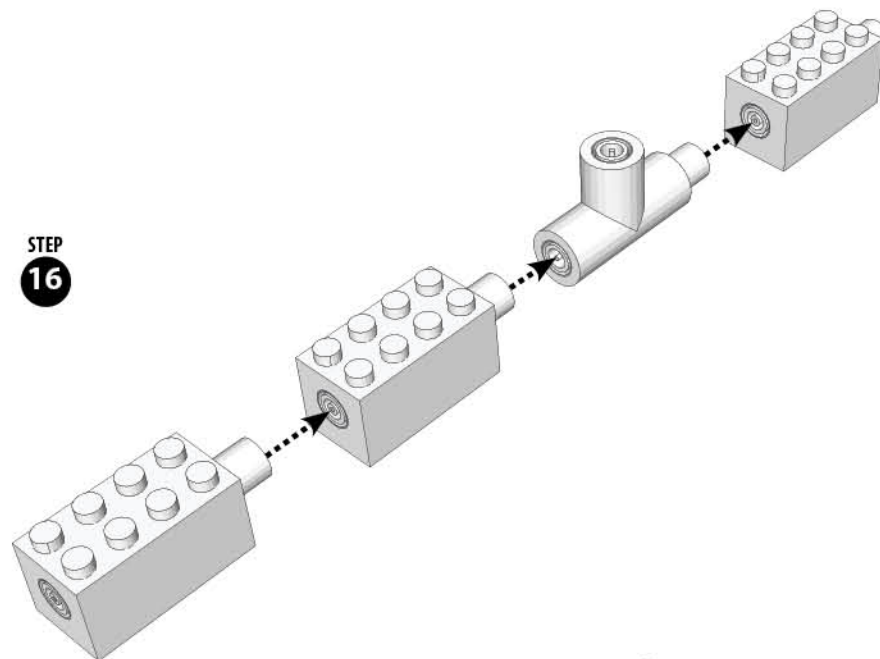
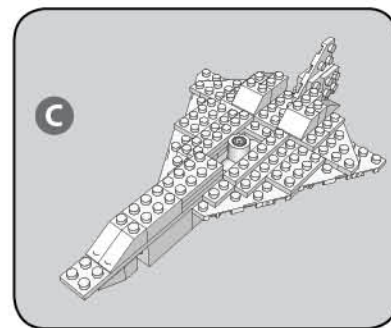
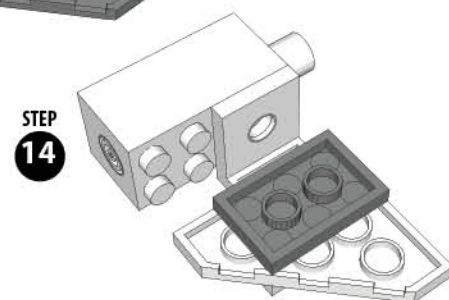
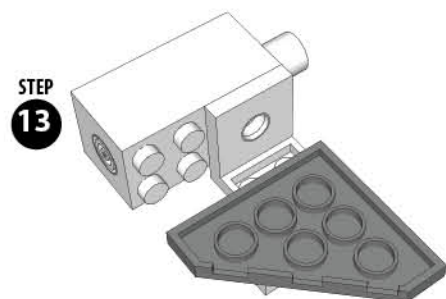
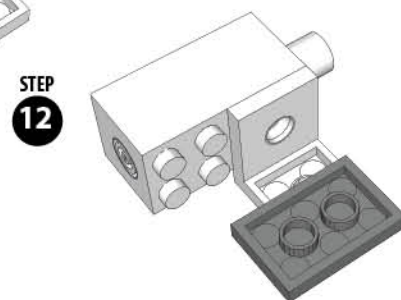
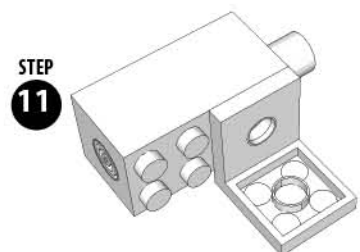
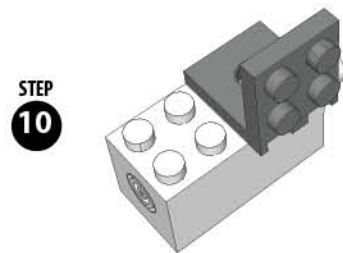
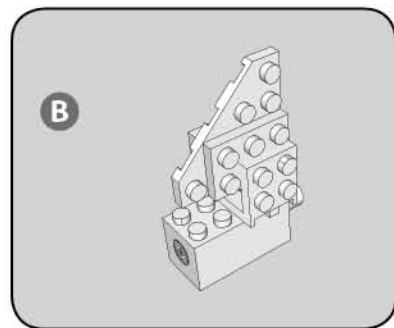
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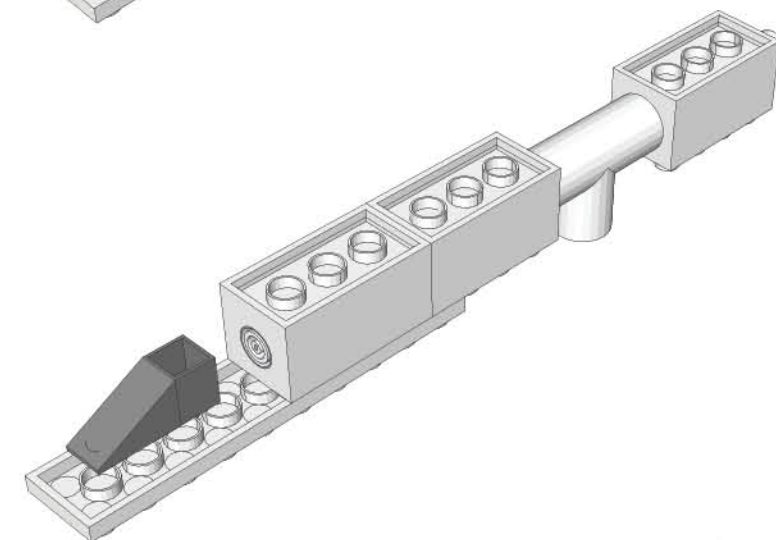
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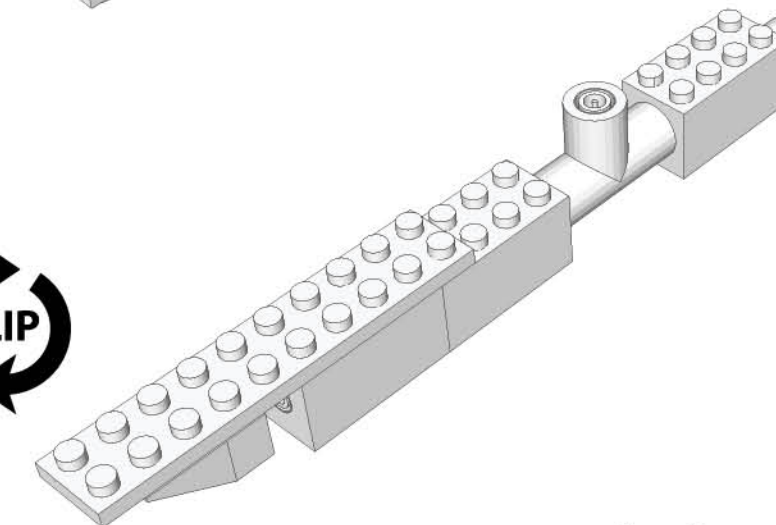
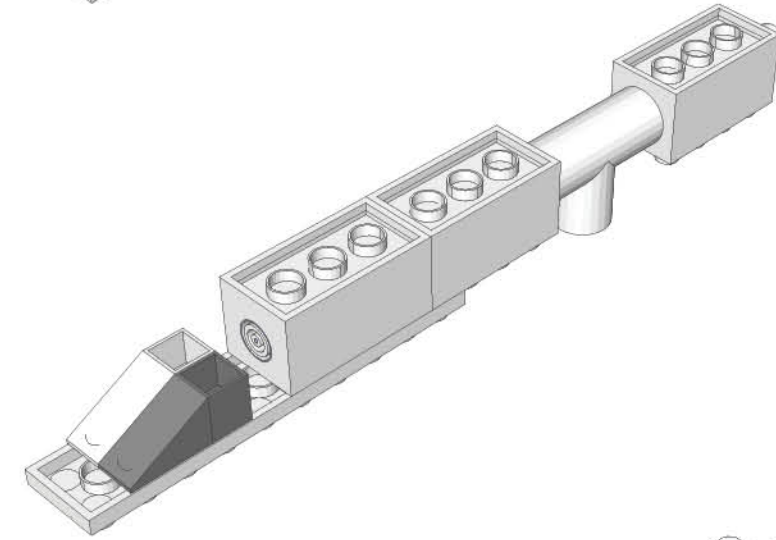




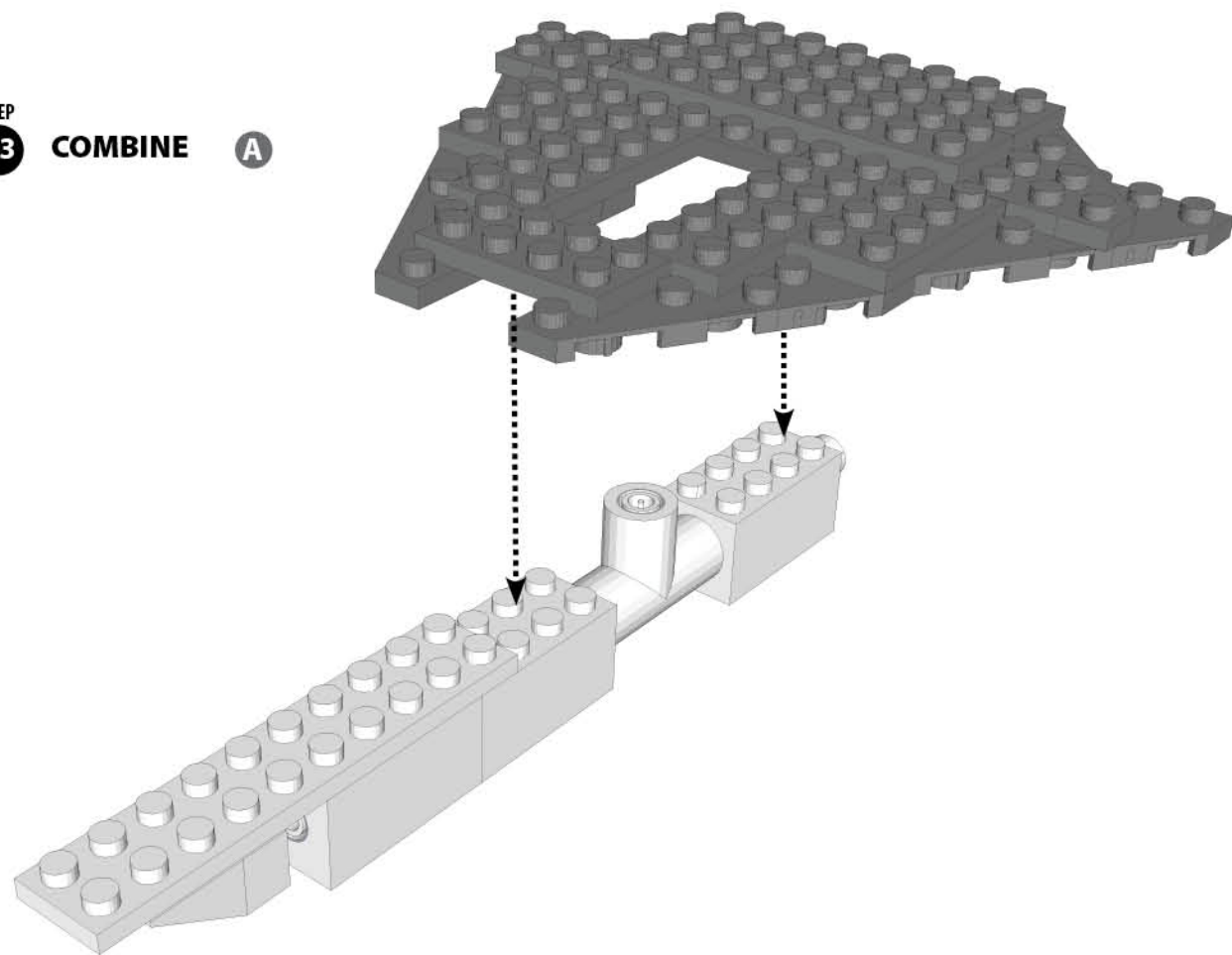
STEP 20



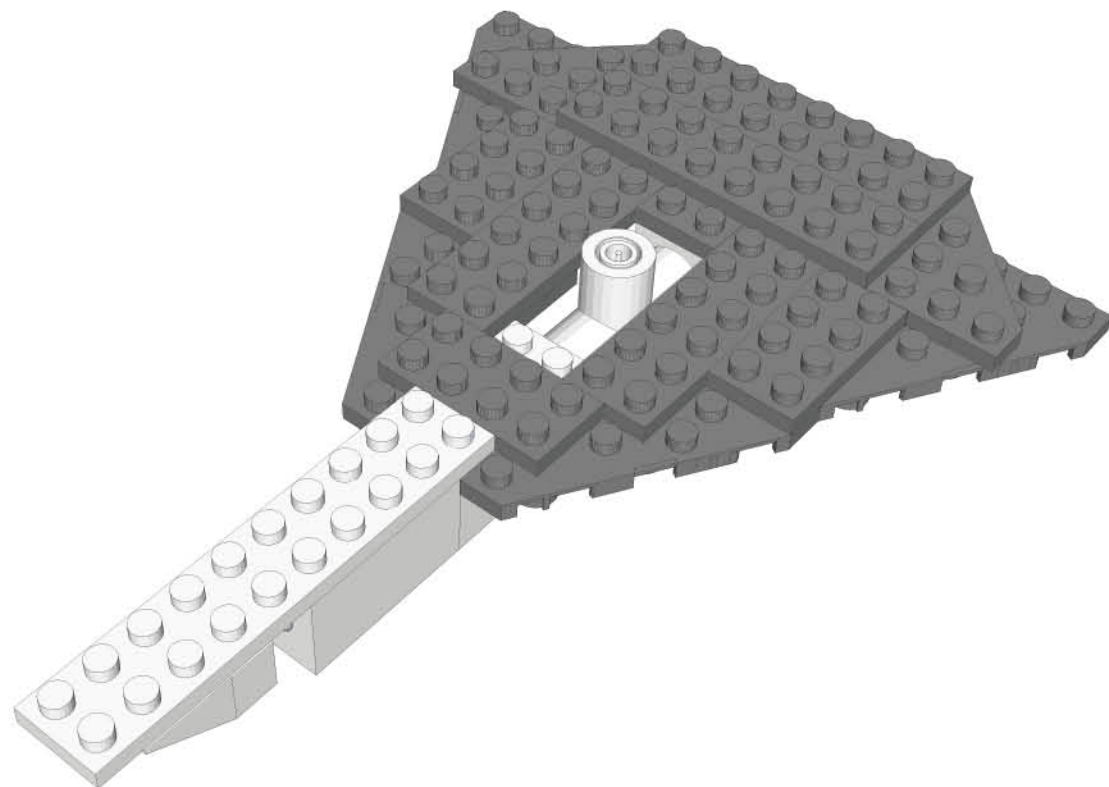
STEP 21



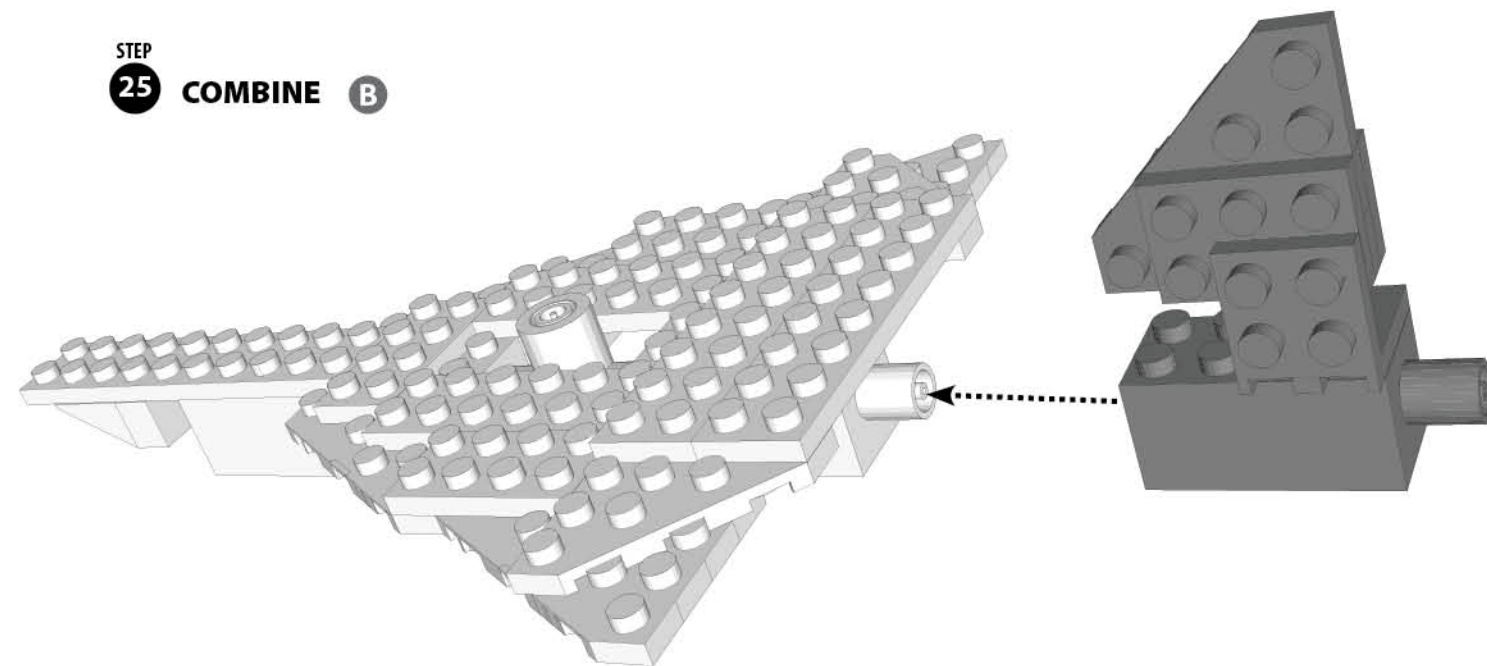
STEP  
23 COMBINE A



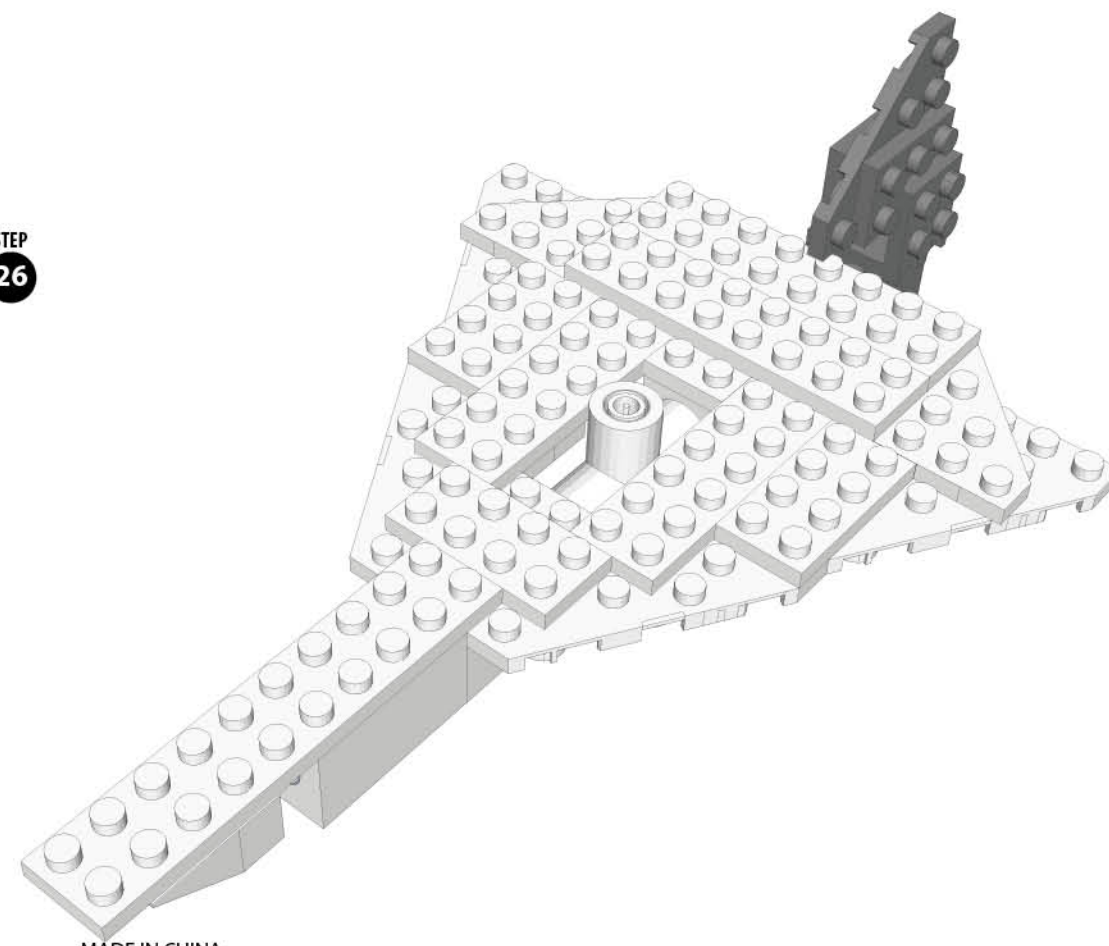
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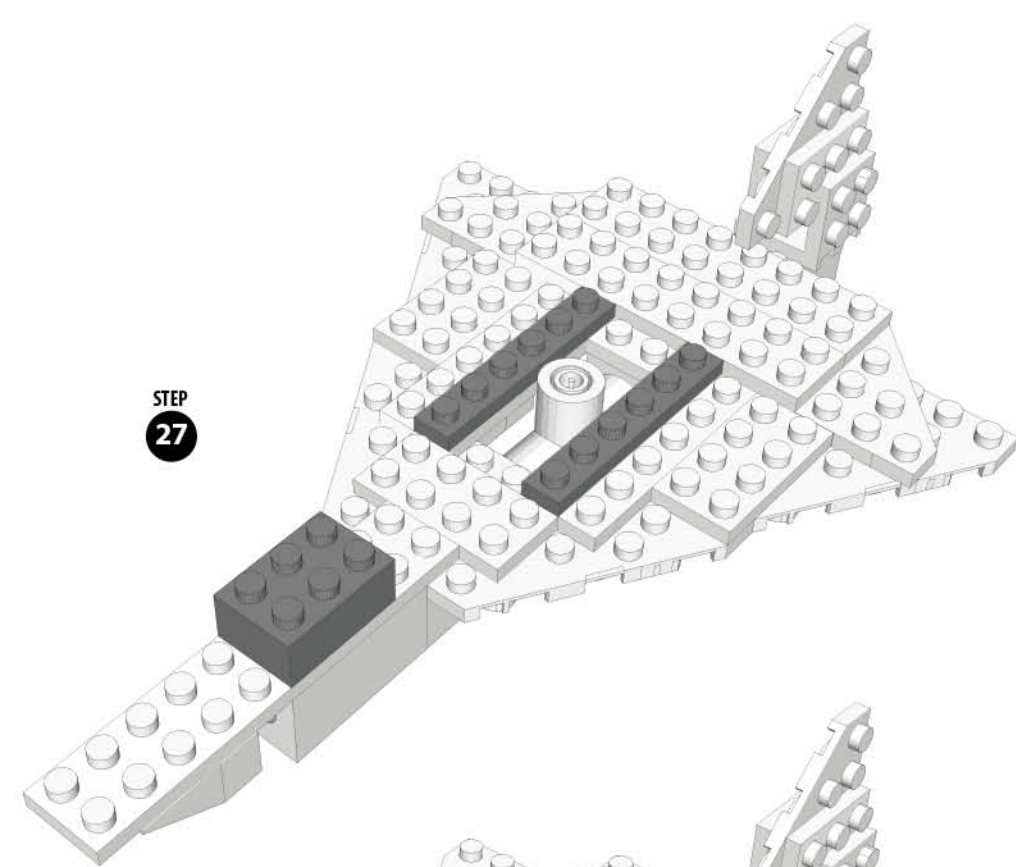
STEP  
25 COMBINE B



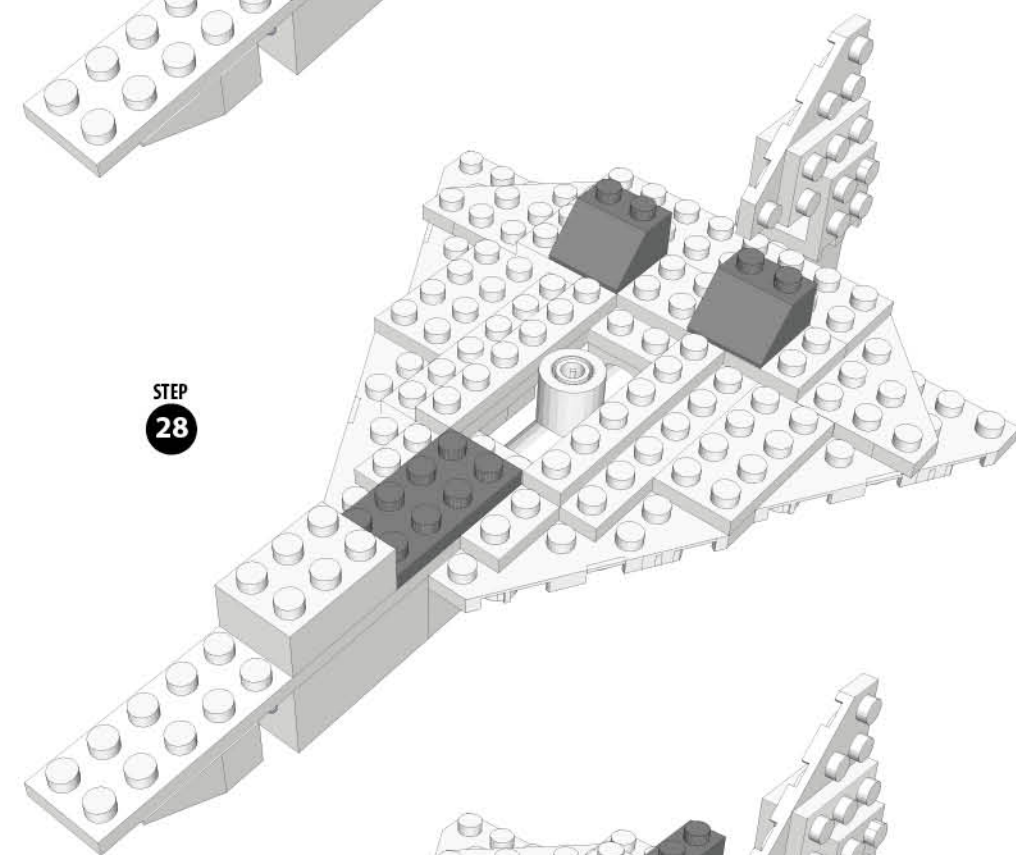
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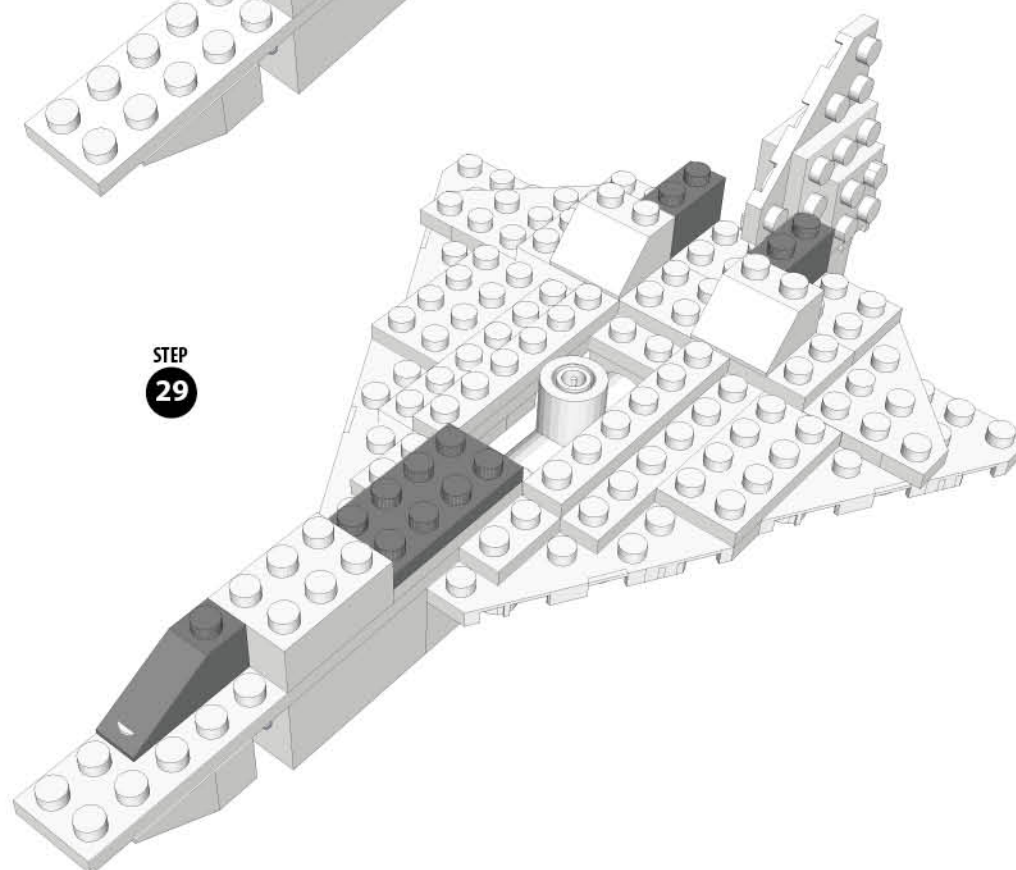




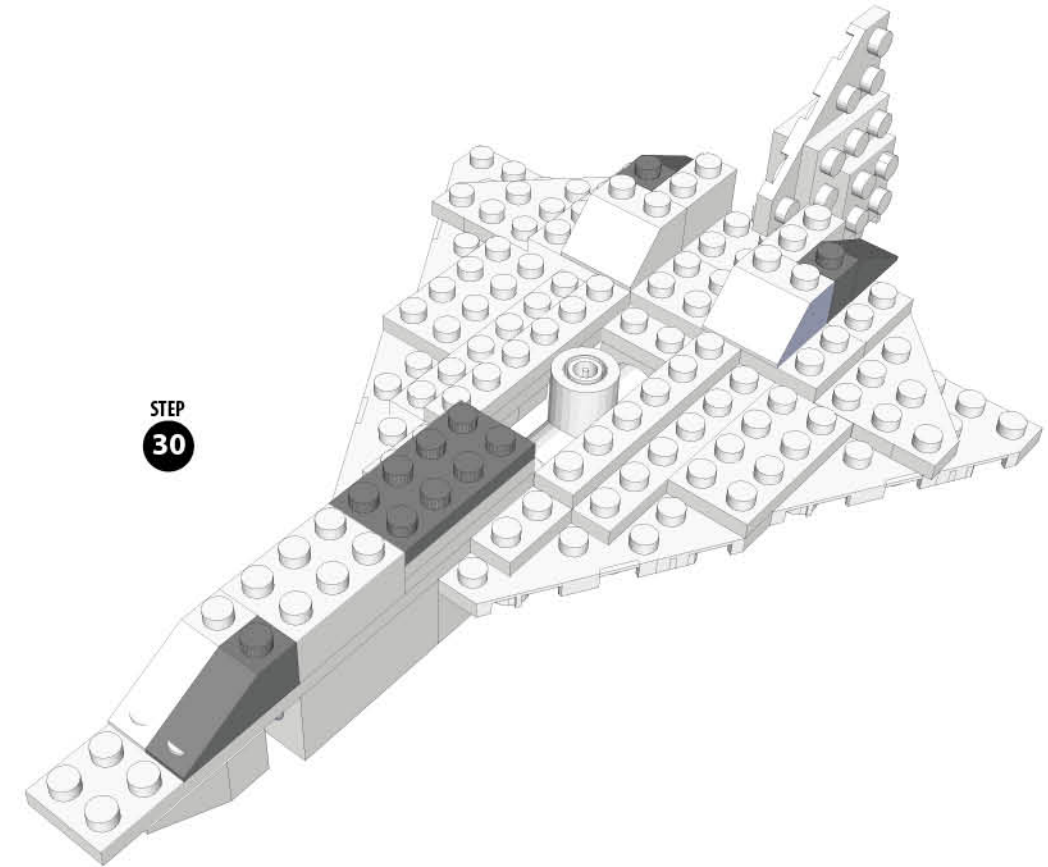
STEP  
27



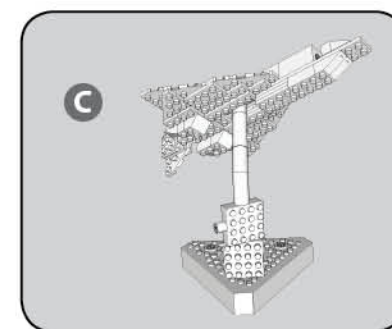
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28



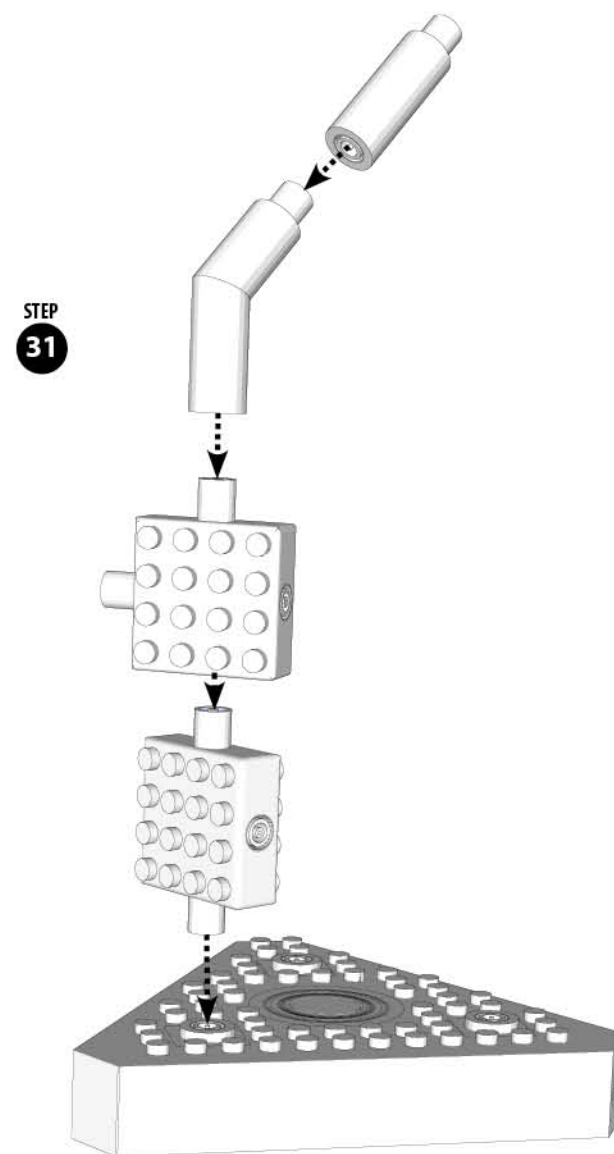
STEP  
29



STEP  
30

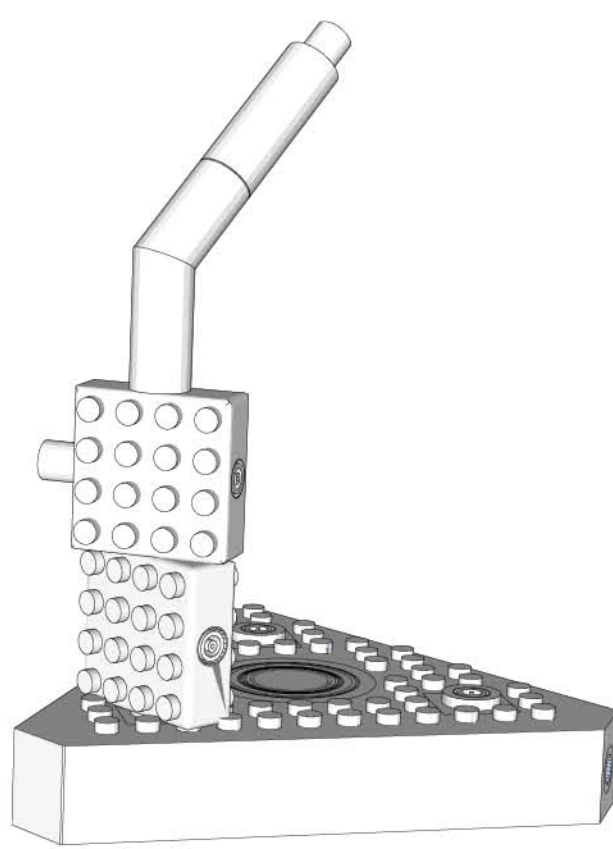


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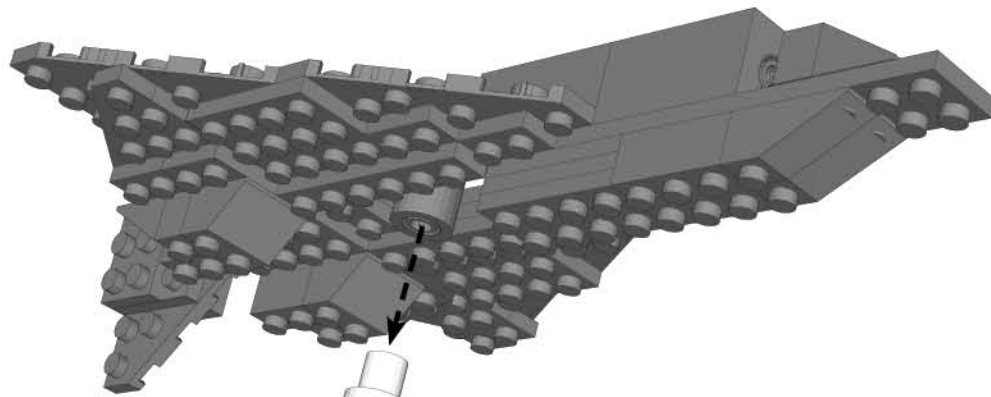


STEP  
31

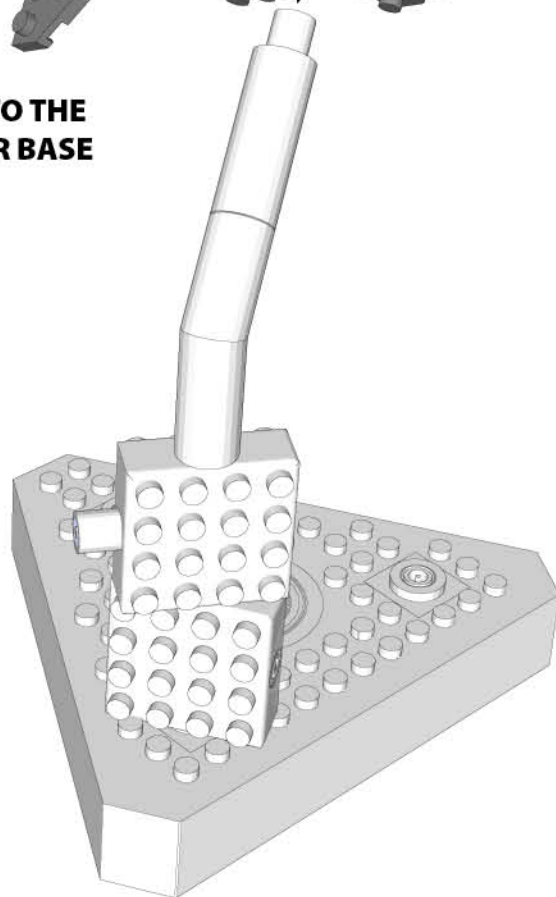
STEP  
32



STEP  
33



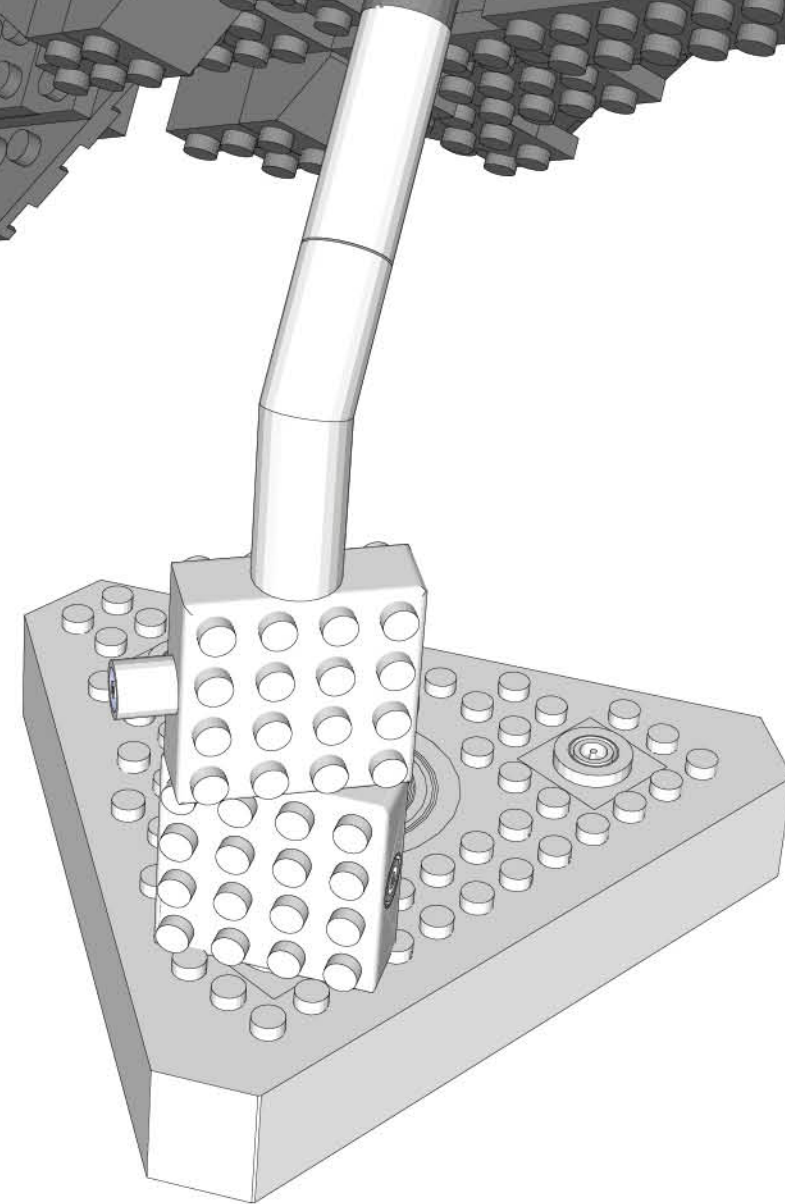
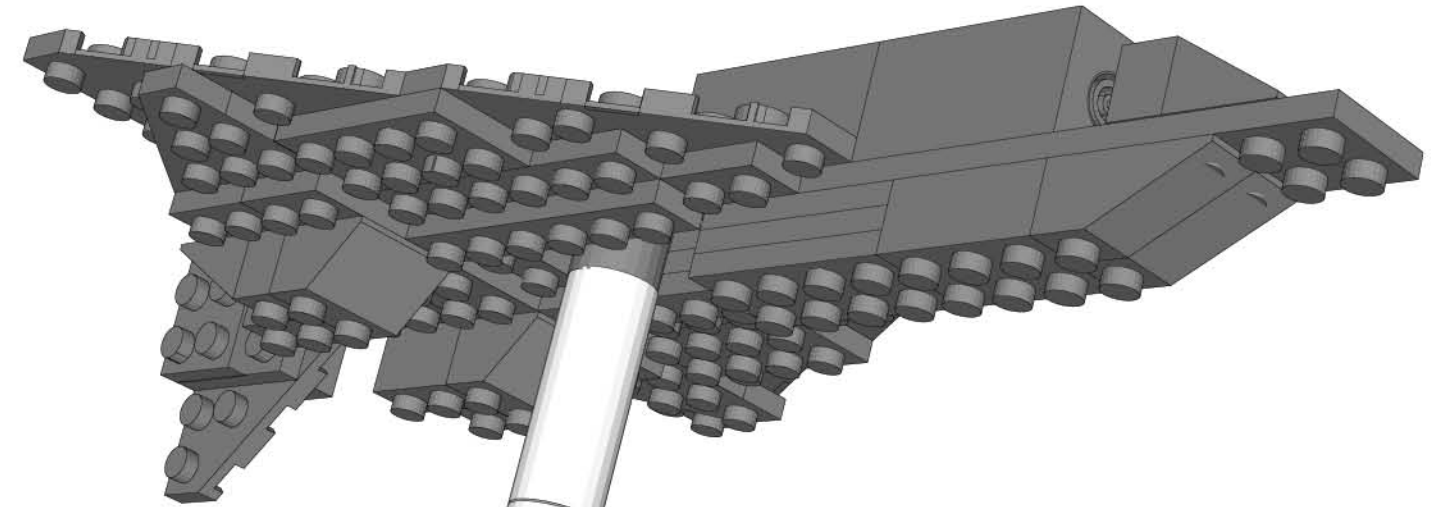
**ATTACH MODEL TO THE  
TRIANGLE POWER BASE**



MADE IN CHINA

**Laser Pegs® CARES**  
**Questions? Comments?**  
**For additional compliance info:**  
**1-866-432-3735**  
**Contact: Support@LaserPegs.com**

STEP  
34



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US Patent #7,731,558