

# LASER PEGS®

The Ultimate Toy For Kids®

## 1070

For Boys And Girls  
Ages 5 And Up

57 Models+

Any creation you can build  
**LIGHTED**  
CONSTRUCTION SET INCLUDES:

- 35 Laser Pegs®
- 225 Construction parts
- 3D Lite Board®
- Instruction Manual

Requires 3 AA Batteries

Batteries NOT  
Included



EN71, RoHS COMPLIANT

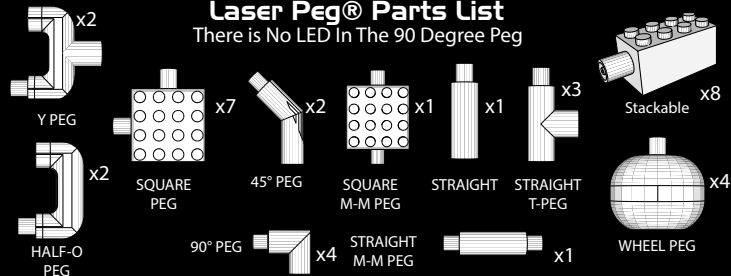
This product complies to  
all safety requirements  
of ASTM F 963

## MODEL INSTRUCTIONS

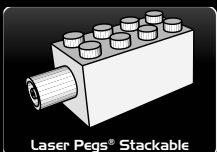
All additional model instructions can  
be downloaded at [www.LaserPegs.com](http://www.LaserPegs.com)

### Laser Peg® Parts List

There is No LED In The 90 Degree Peg



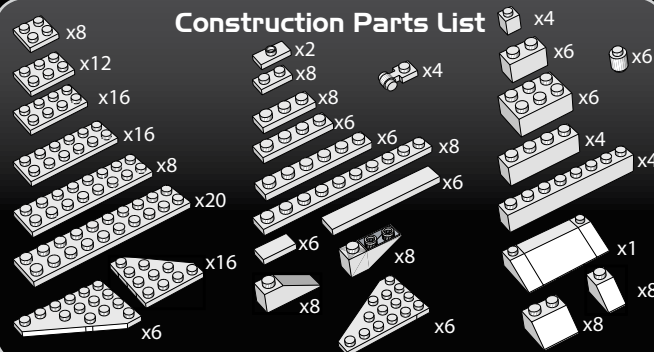
Each Laser Peg® is color coded on the circuit board inside  
each shape. There is No LED In The 90 Degree Peg.



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

## 3D LITE BOARD®

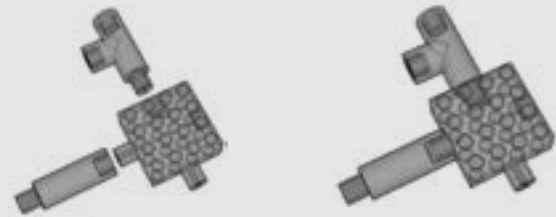
### Construction Parts List



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

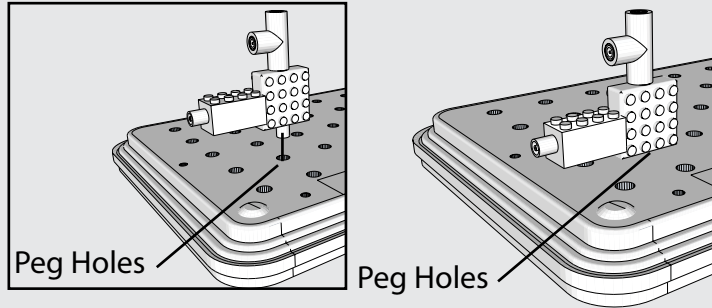
This manual is copyright and cannot be reproduced or used online without Laser  
Pegs® Ventures LLC permission. Copyright 2012 © All Rights Reserved US Patent  
#7,731,558 Additional Global & Multiple Patents Pending. Laser Pegs® Ventures LLC.  
8304 Consumer Ct Sarasota FL. 34240. Contact: [Support@LaserPegs.com](mailto:Support@LaserPegs.com)

## Connecting Pegs



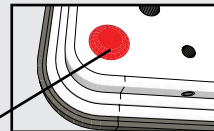
To construct with Laser Pegs®, slide two pieces together to form a  
connection. Slide each piece on and off smoothly. To build away from the  
Triangle Power Base, use the peg cord in one of the top three peg holes to  
illuminate your model! The 90° pegs are essential to construction but they  
DO NOT ILLUMINATE.

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



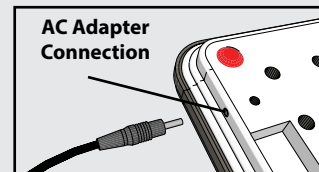
### Press button to turn on/off

Push button to cycle through 3 different light settings.



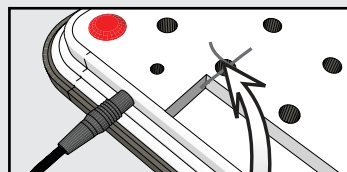
### Connecting an AC Adapter

Plug AC Adapter plug into the side of the 3D Lite Board®.



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

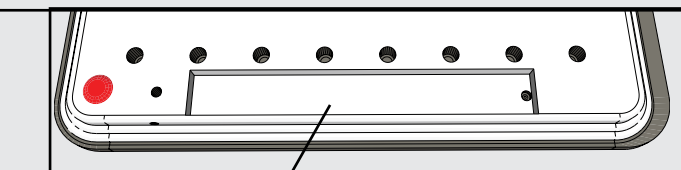
\*To avoid short-circuits, keep metal objects  
and other un-authorized materials from  
obstructing the peg holes.



NEVER place AC Adapter  
Plug into top Peg Holes

Never connect more than 200  
Laser Pegs® when using a 5 volt  
(2000mA) AC Adapter.

The AC adapter used with the 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.



Requires (3AA) Batteries

Place batteries in  
the correct position  
when using.

### When Using Batteries

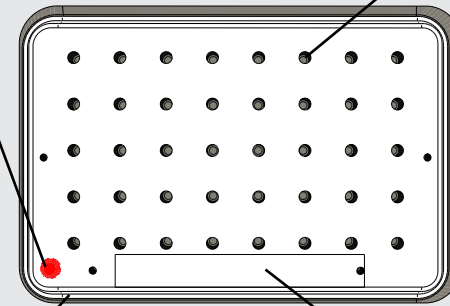
1. Remove screws.
2. Place three AA batteries in the correct position - as displayed inside the 3D Lite Board®.
3. Push RED button to turn on!
4. Do not mix old and new batteries.
5. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries!
6. Exhausted batteries are to be removed from the power base.
7. Never connect more than 200 Laser Pegs®
8. Non-rechargeable batteries are not to be recharged.
9. Rechargeable batteries are only to be charged under adult supervision.
10. Rechargeable batteries are to be removed from the toy before being charged.
11. Batteries are to be inserted with the correct polarity.
12. The supply terminals are not to be short-circuited.

## 3D Lite Board®

### Power Button

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

### Peg Holes



### AC Adapter

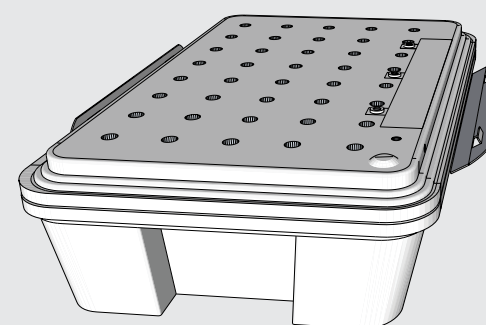
INPUT is on side of  
3D Lite Board®.

### Battery Compartment

Requires (3AA) Batteries

### Hinge

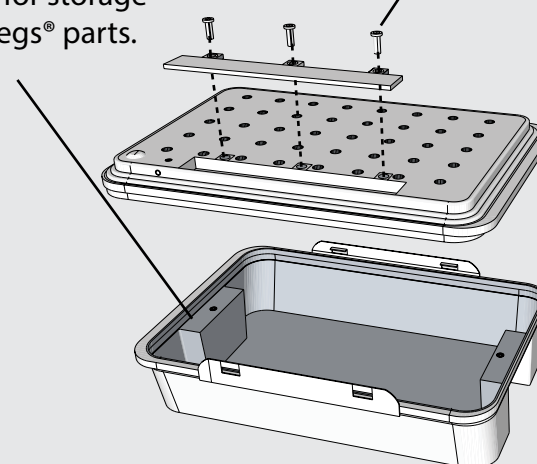
Pull outward  
to open.



Use Phillips head  
screwdriver.

### Tote Box

Designed for storage  
of Laser Pegs® parts.



**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!

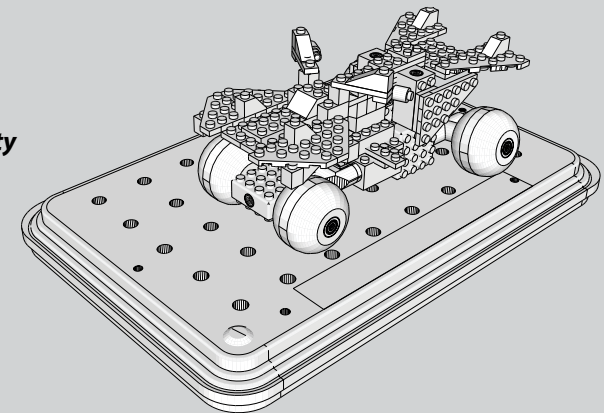
ATV - An open motor vehicle with  
large wheels specially designed  
for rough terrain.



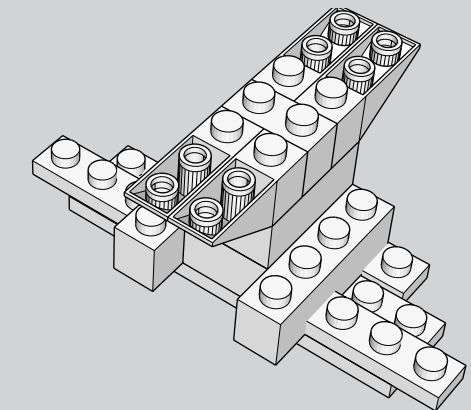
### ATV

Model  
Difficulty  
Level

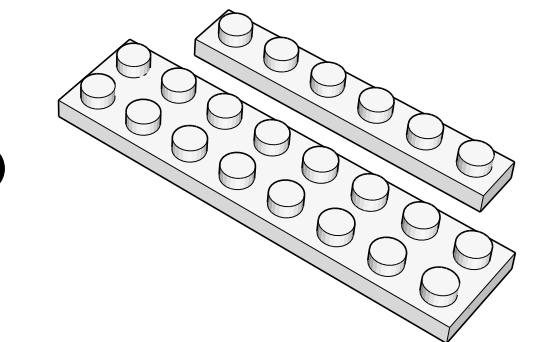
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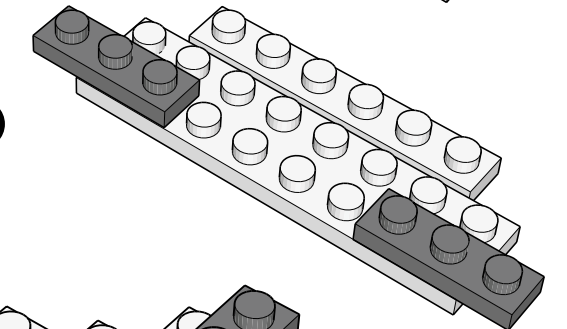
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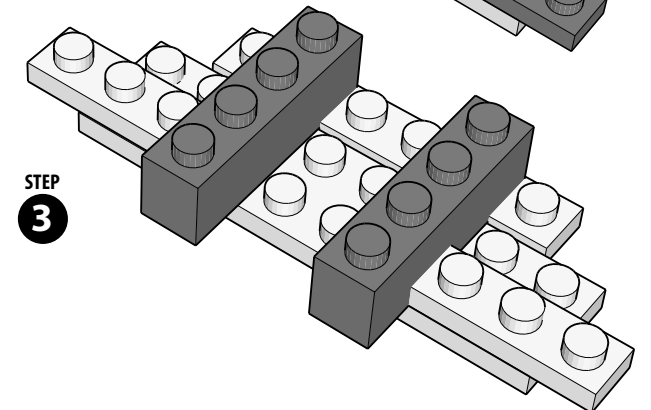
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1



STEP  
2

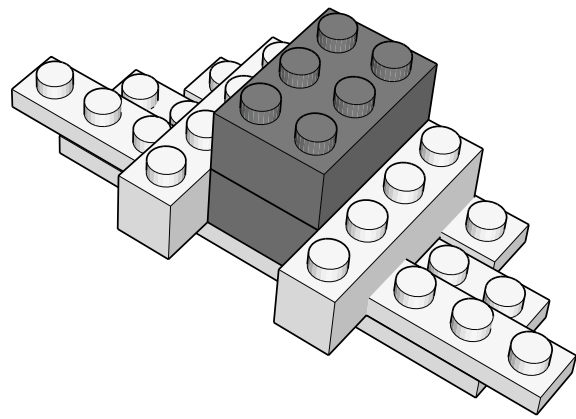


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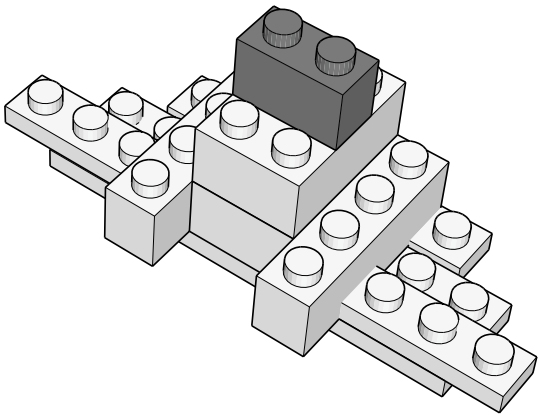




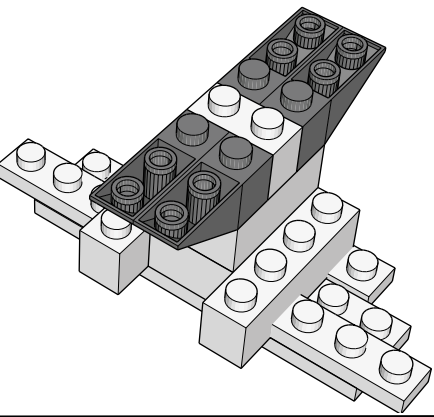
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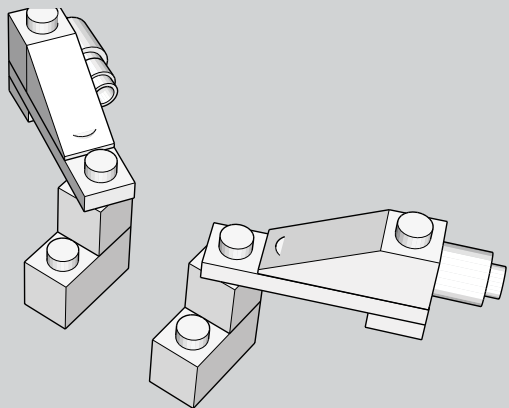
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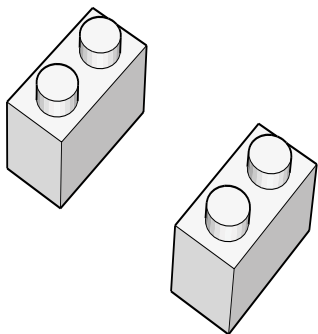
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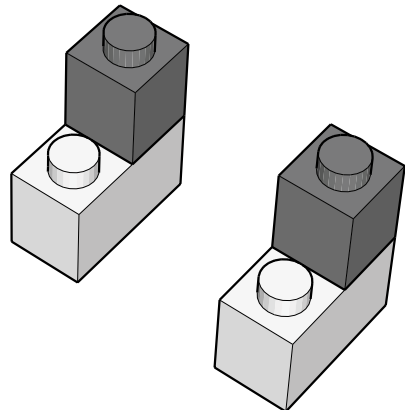
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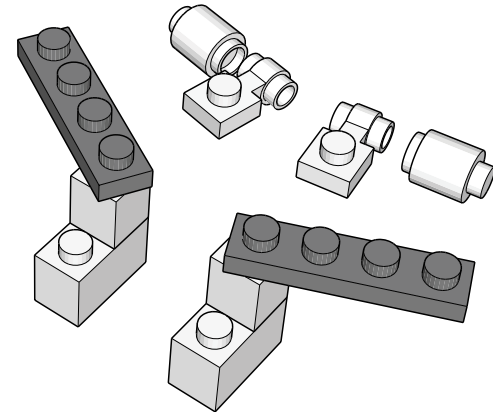
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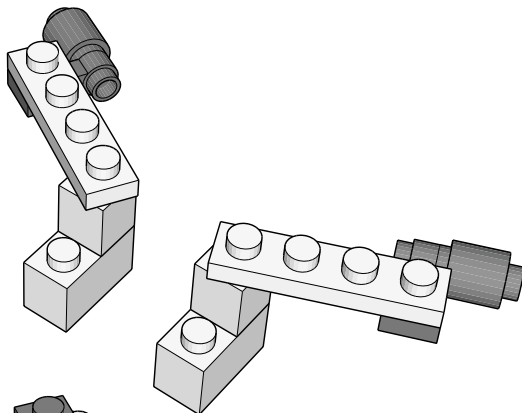
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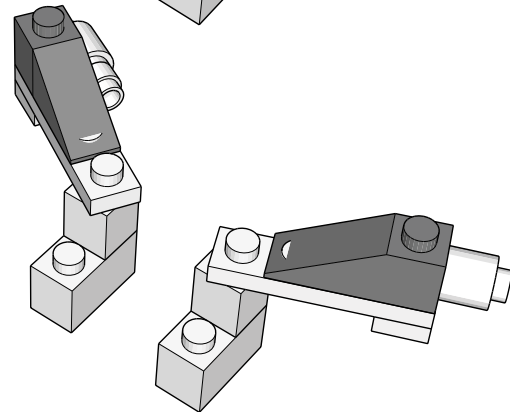
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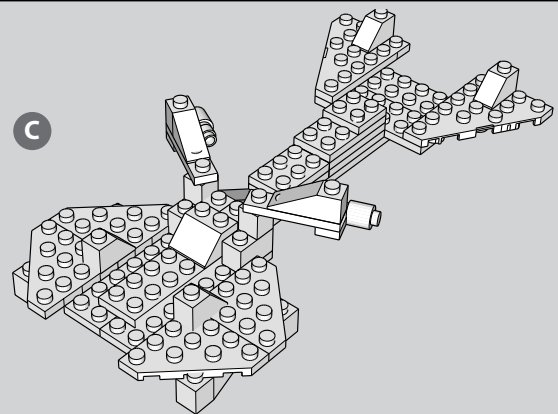
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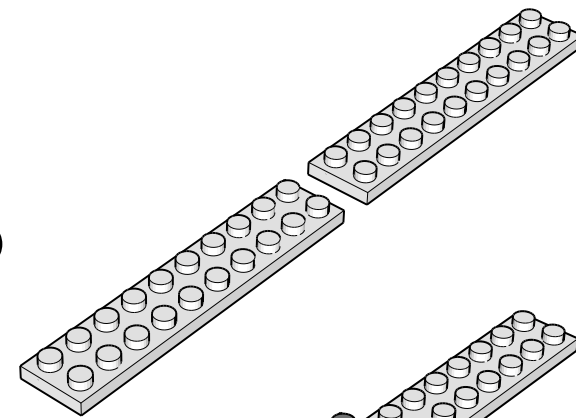
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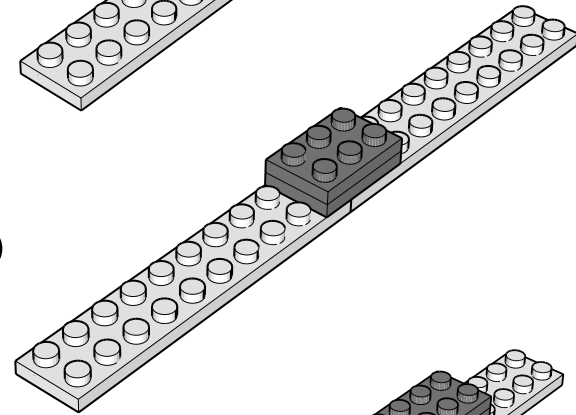
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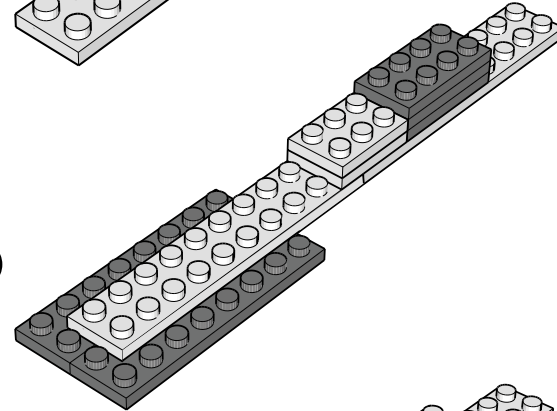
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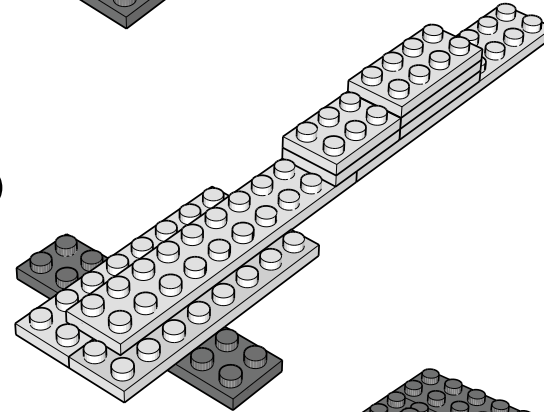
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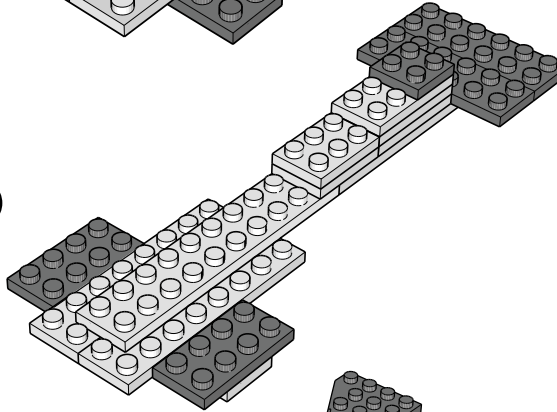
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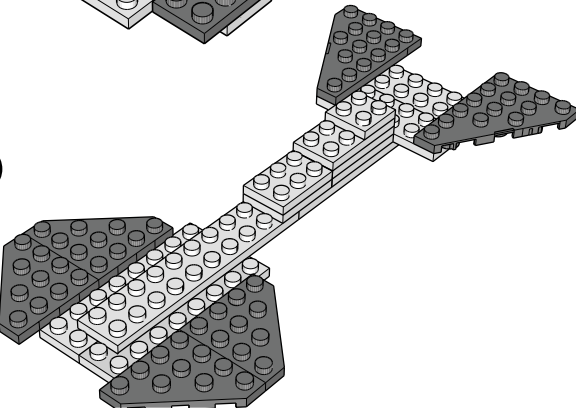
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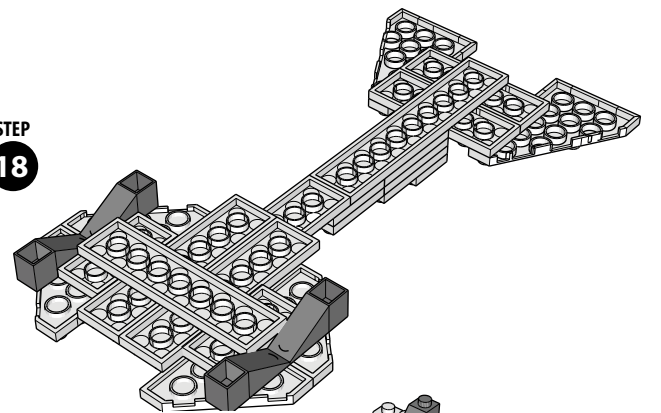
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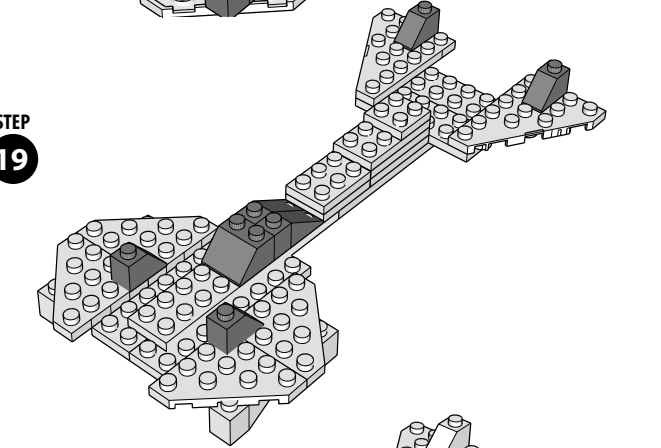
STEP  
17



STEP  
18



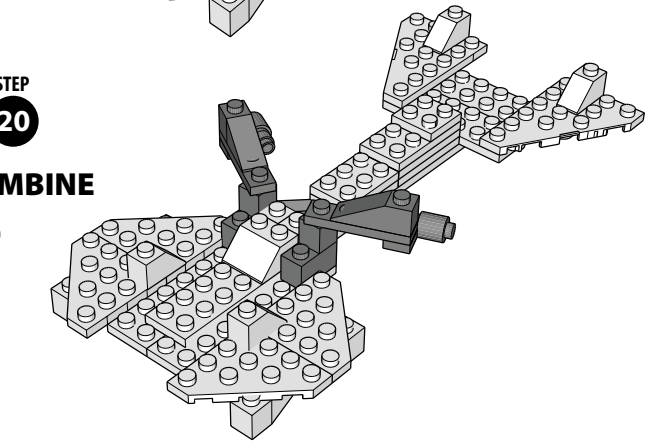
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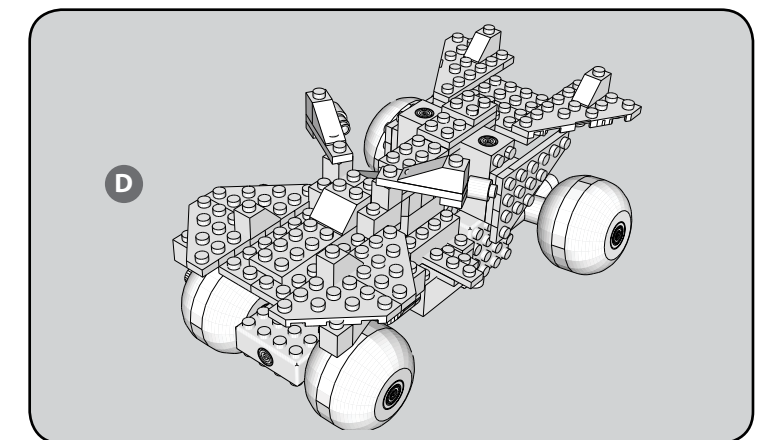
STEP  
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COMBINE

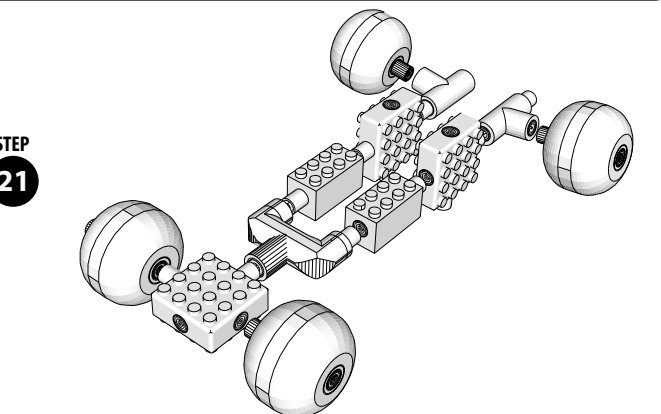
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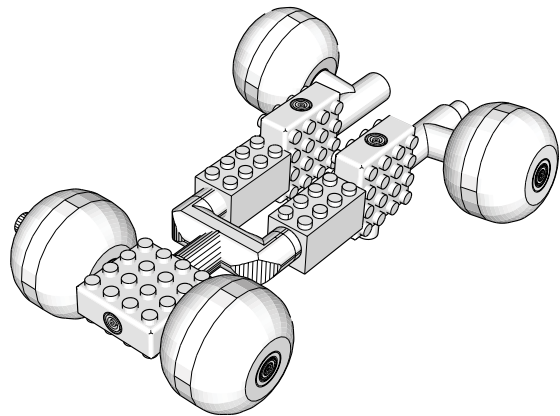
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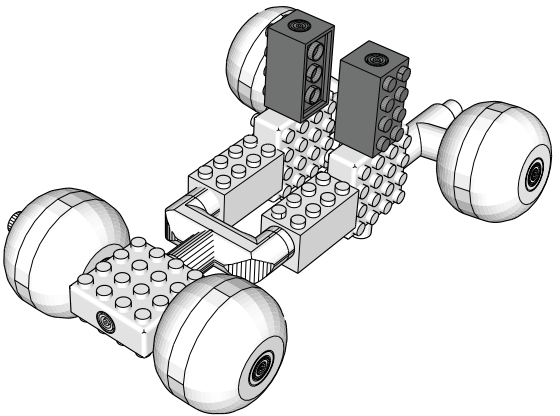
STEP  
21



STEP  
22



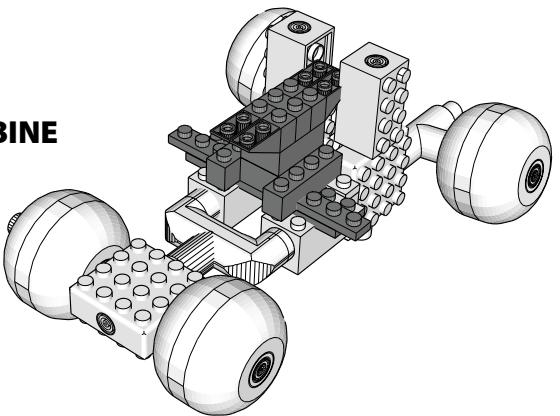
STEP  
23



STEP  
24

COMBINE

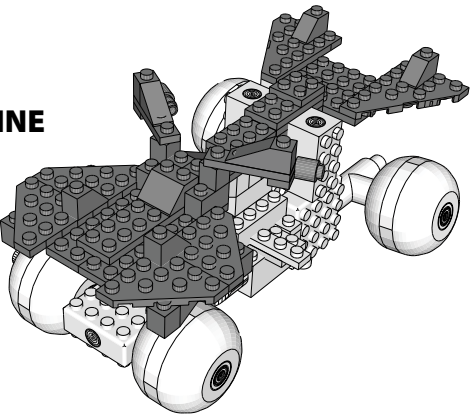
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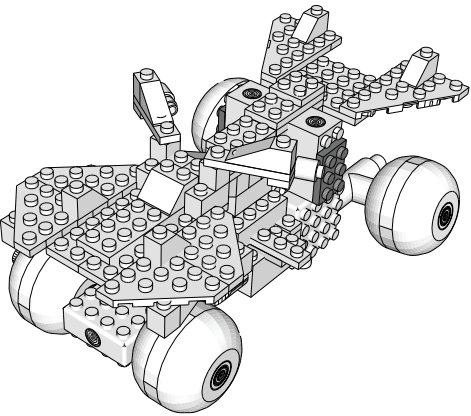
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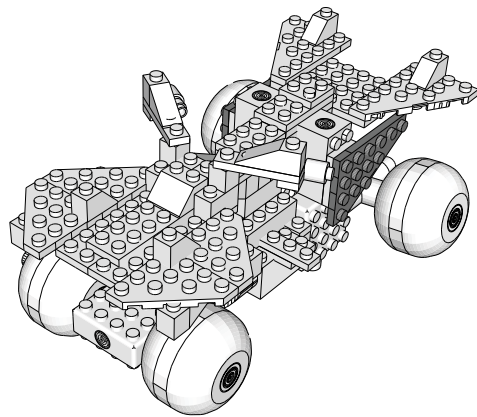
C



STEP  
26



STEP  
27



AFFIX MODEL TO 3D LITE BOARD

STEP  
28

