

# LASER PEGS®

## The Ultimate Construction Toy For Kids®

PBI420B

POWER BLOCK

Construction

Series

Ages 5+

8 Models+

Any creation you can build

**LIGHTED**

MOBILE POWER BLOCK™ SET

INCLUDES:

- 100 Tinted Bricks
- 4 Tire Pegs
- 2 Square M-M Pegs
- 1 Mobile Power Block™

Requires 3 AAA Batteries

Batteries NOT Included

Please read this manual before you begin! Failure to follow this manual's instructions may result in damage to the Power Base 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.

**DO NOT SUBMERGE IN WATER**

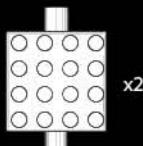
EN71, RoHS COMPLIANT

This product complies to all safety requirements of ASTM F 963

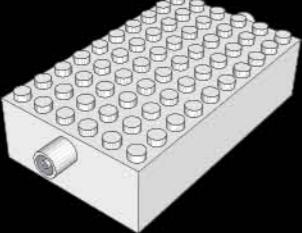
## MODEL INSTRUCTIONS

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

### Laser Pegs® Parts List



x2



MOBILE POWER BLOCK™



x4

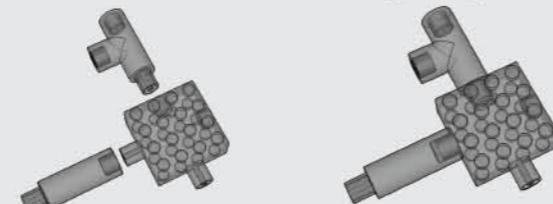
**\*Color Code** Each Laser Peg® is color coded on the circuit board inside each shape.



[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.

### POWER BLOCK

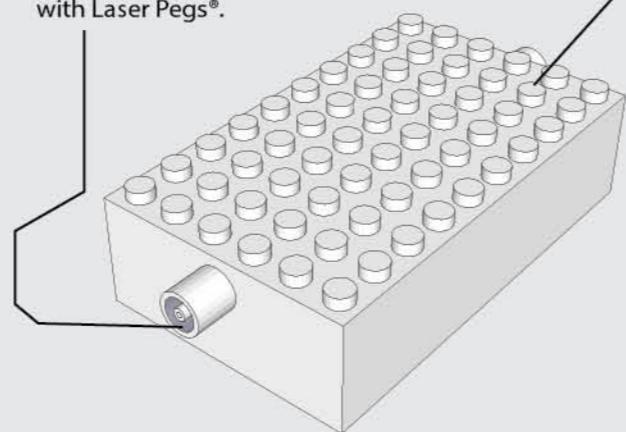
The Power Block is a Power Base that allows you to build with Laser Pegs® and construction parts to build models that light up. It is battery operated. (BATTERIES NOT INCLUDED.)

#### Laser Pegs® Connections

Allows you to construct with Laser Pegs®.

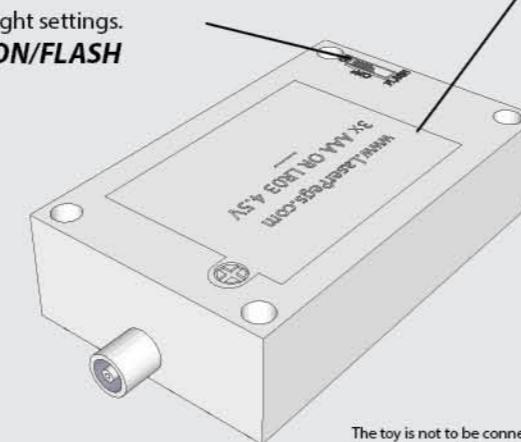
#### Construction Part Connections

Allows you to connect to other construction kits.



### Power Switch

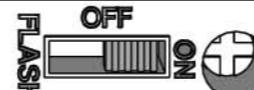
Move the Power Switch to cycle through the Power Block light settings. OFF/ON/FLASH



### Battery Compartment

Requires 3-AAA Batteries (Batteries Not Included)

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



**WARNING: STROBE LIGHTS MAY CAUSE SEIZURES**

### LIGHT SETTINGS

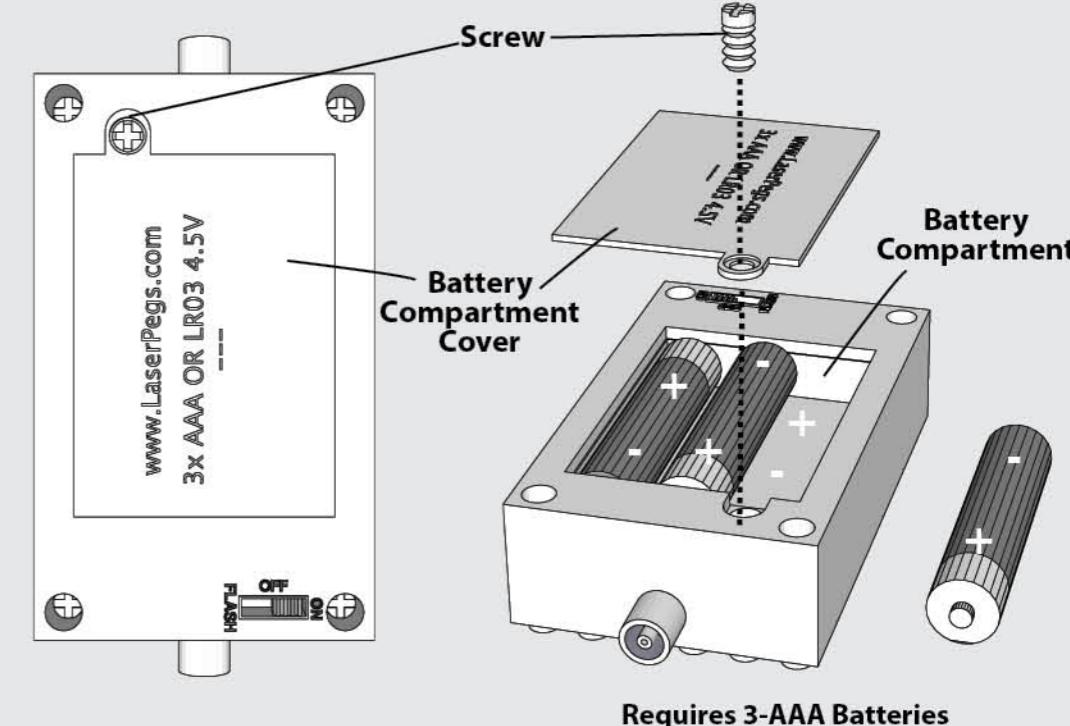
OFF - Turns lights OFF  
ON - Turns lights ON  
FLASH - Makes lights FLASH

**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. You have 2 simple options...

1. Change the batteries.
2. Use high quality batteries. They will last a little longer, but they will still deplete rapidly the more Laser Pegs® you connect!

### Replacing Batteries

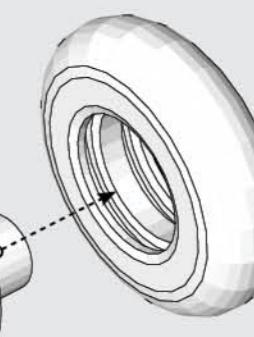
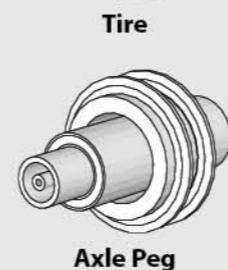
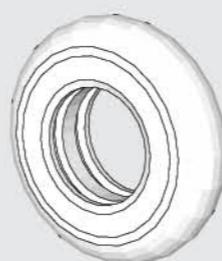
1. Remove Screw.
2. Lift off Battery Compartment Cover.
3. Place three (3) AAA batteries in the correct position - as displayed inside of the Power Block.
4. Replace Battery Compartment Cover and Screw.
5. Slide Power Switch setting to OFF/ON/FLASH.
6. Do not mix old and new batteries.
7. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium, NiMH) batteries!
8. Exhausted batteries are to be removed from the power base.
9. Never connect more than 30 Laser Pegs® at one time!
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!



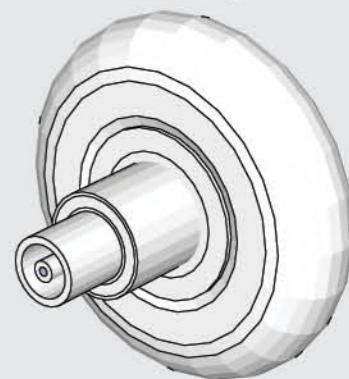
Requires 3-AAA Batteries

### Connecting the Laser Pegs® Tire to the Axle Peg

Place Axle Peg through the Tire



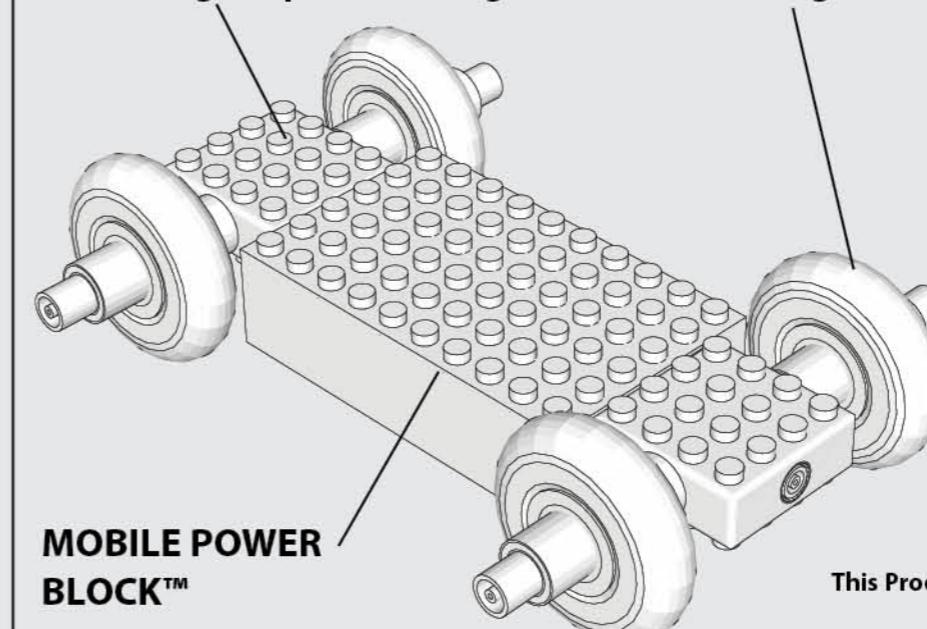
Tire Peg



### POWER BLOCK™

Use the Laser Pegs® Square M-M Peg to attach the Tire Pegs to the Power Block™.

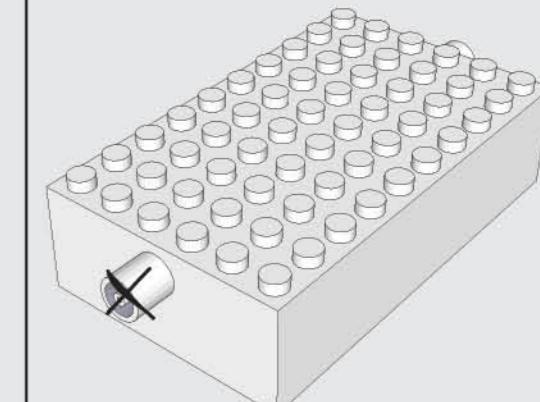
### Laser Pegs® Square M-M Peg



Tire Peg

### AVOID DAMAGE TO PEG HOLES

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



Never connect more than 30 Laser Pegs® to the Power Block at one time.

This Product contains a button battery. If swallowed, it could cause severe injury or death in just 2 hours. Seek medical attention immediately.

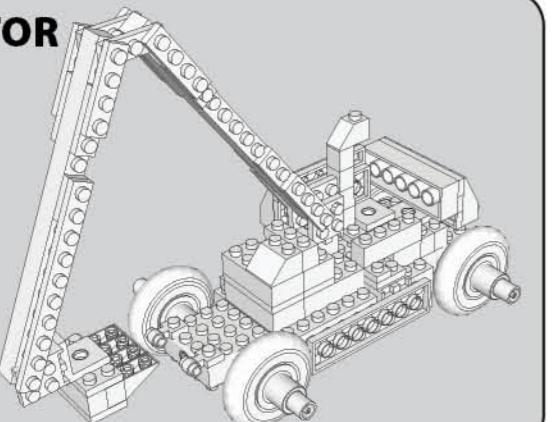
EXCAVATOR: With the advent of hydraulic-powered attachments such as a breaker, a grapple or an auger, the excavator is frequently used in many applications other than excavation.



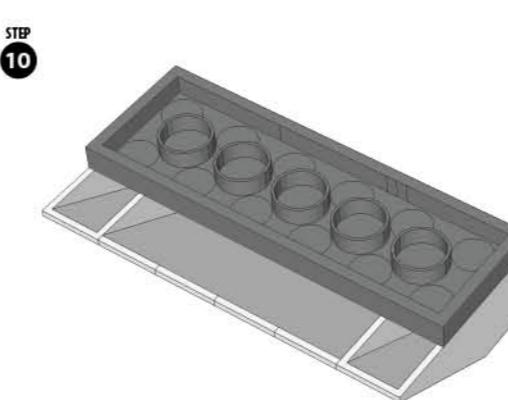
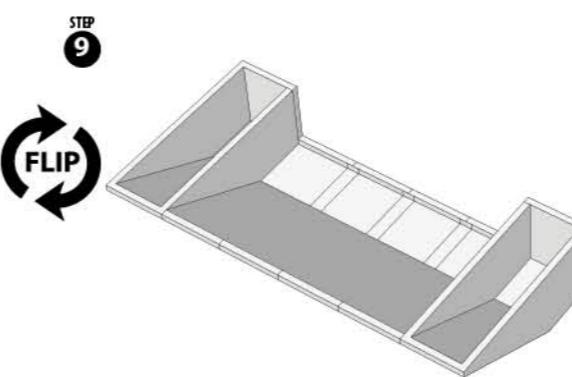
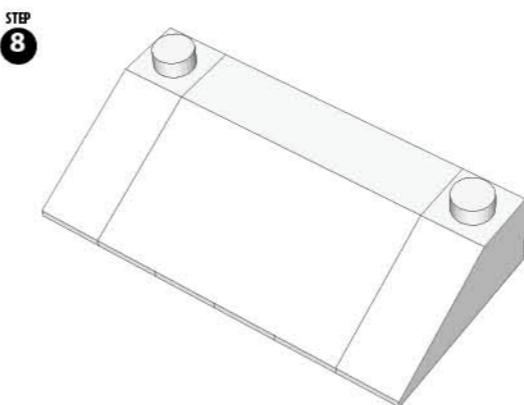
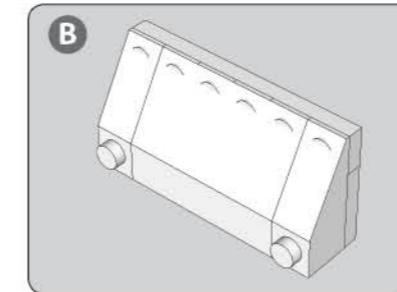
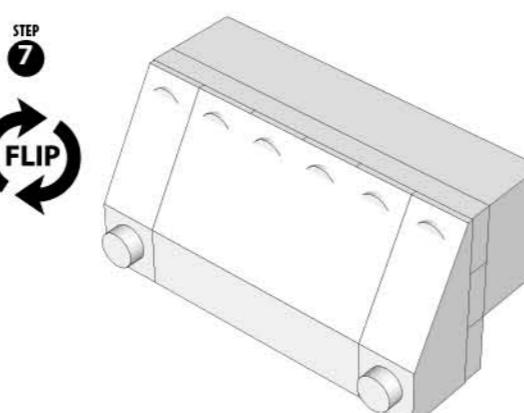
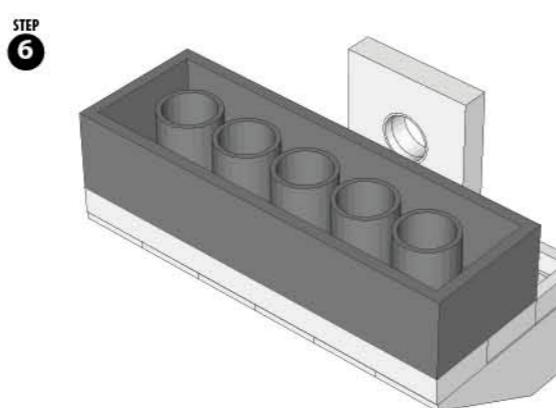
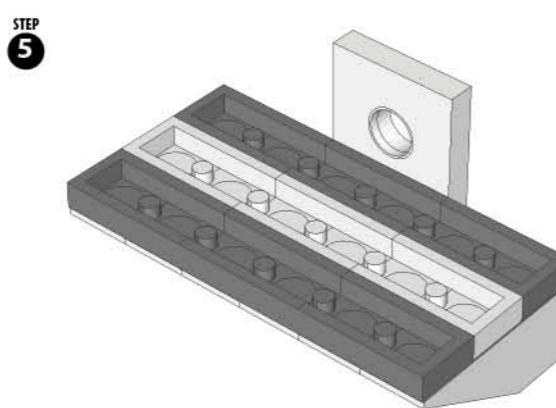
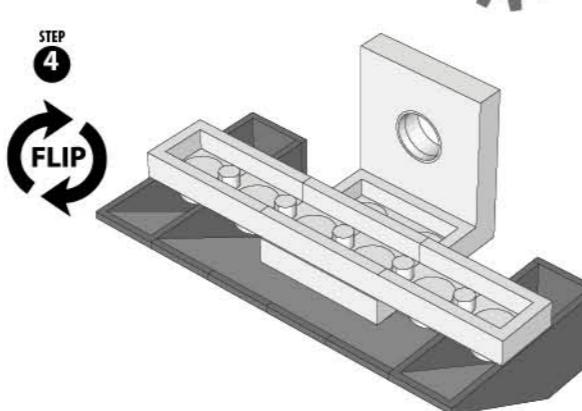
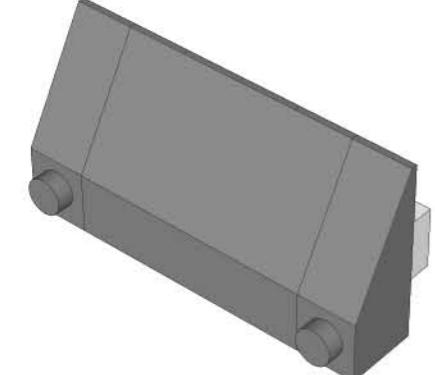
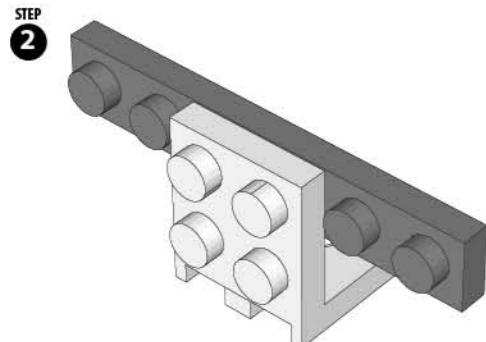
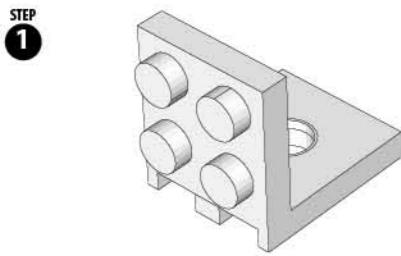
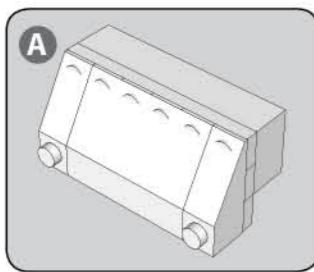
## EXCAVATOR

Model  
Difficulty  
Level

4



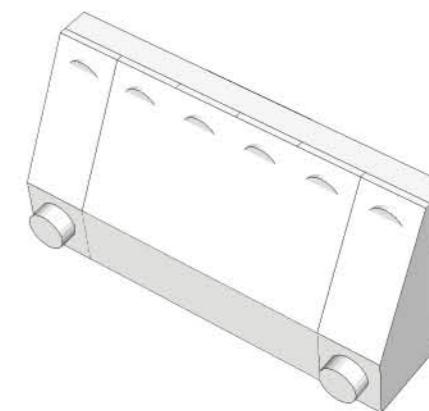
The TRY-ME mechanism is for display purposes ONLY and should be discarded as per state and local regulations. It is NOT intended to be used for the building of this model.



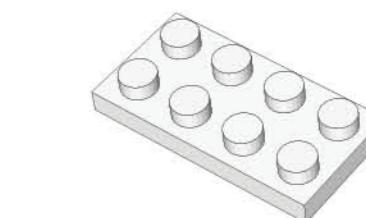
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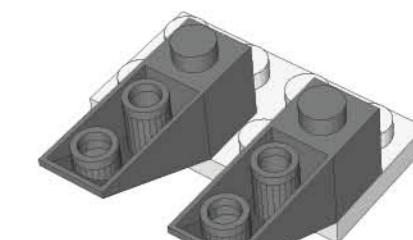
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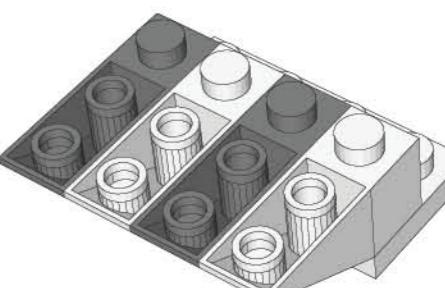
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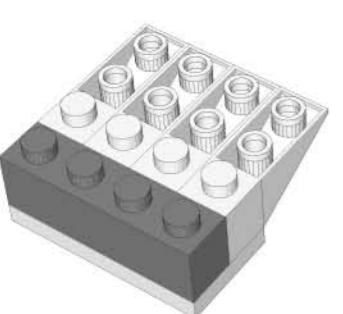
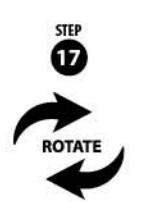


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STEP  
16

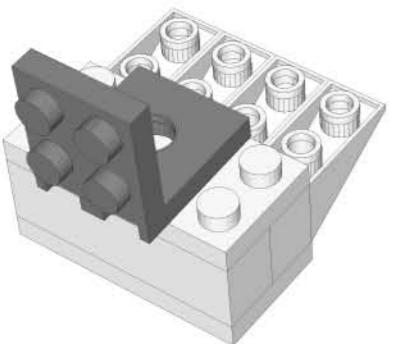




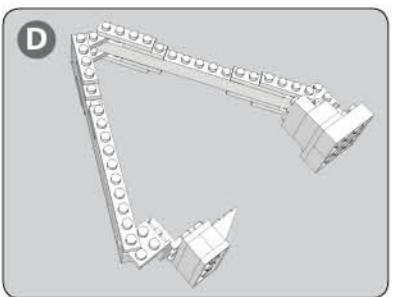
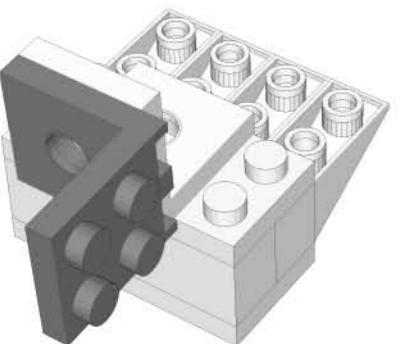
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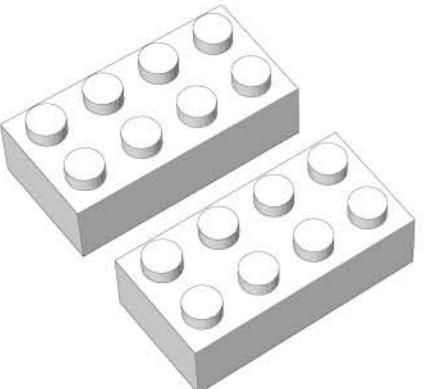
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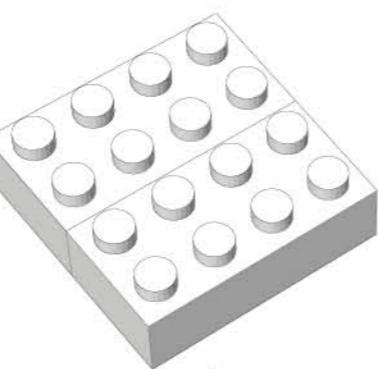
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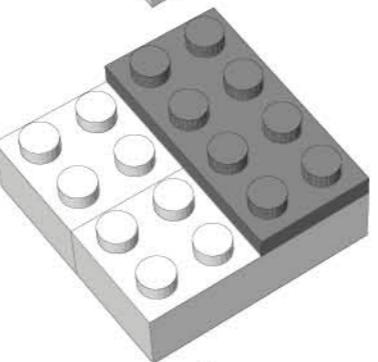
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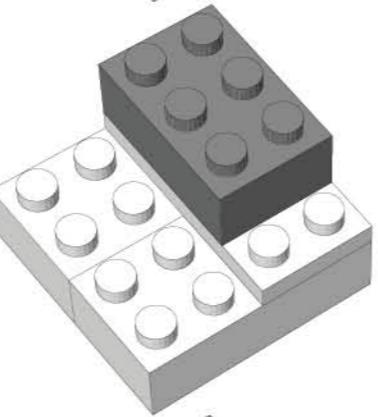
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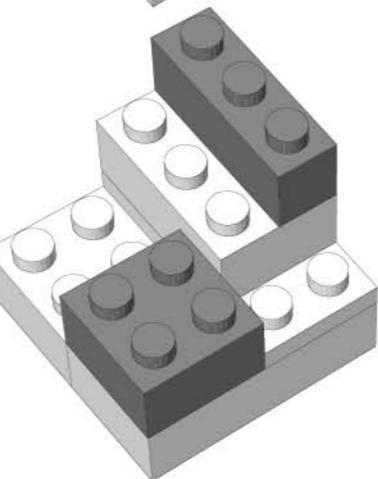
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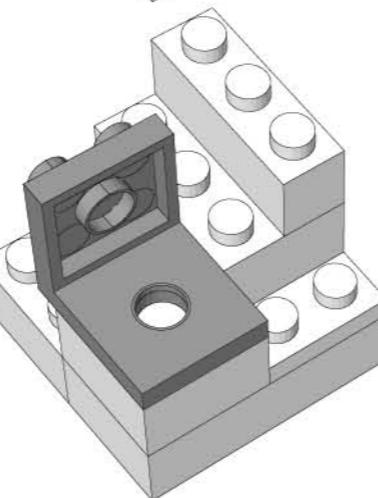
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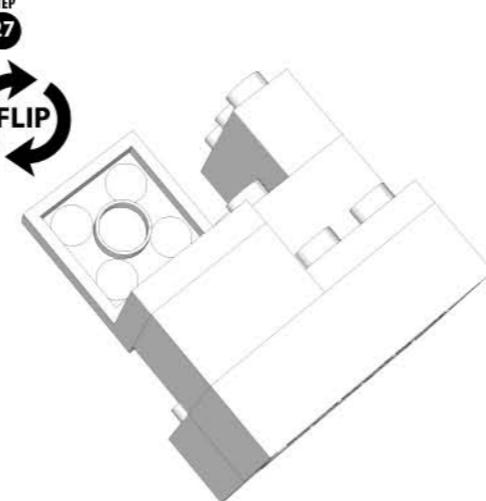
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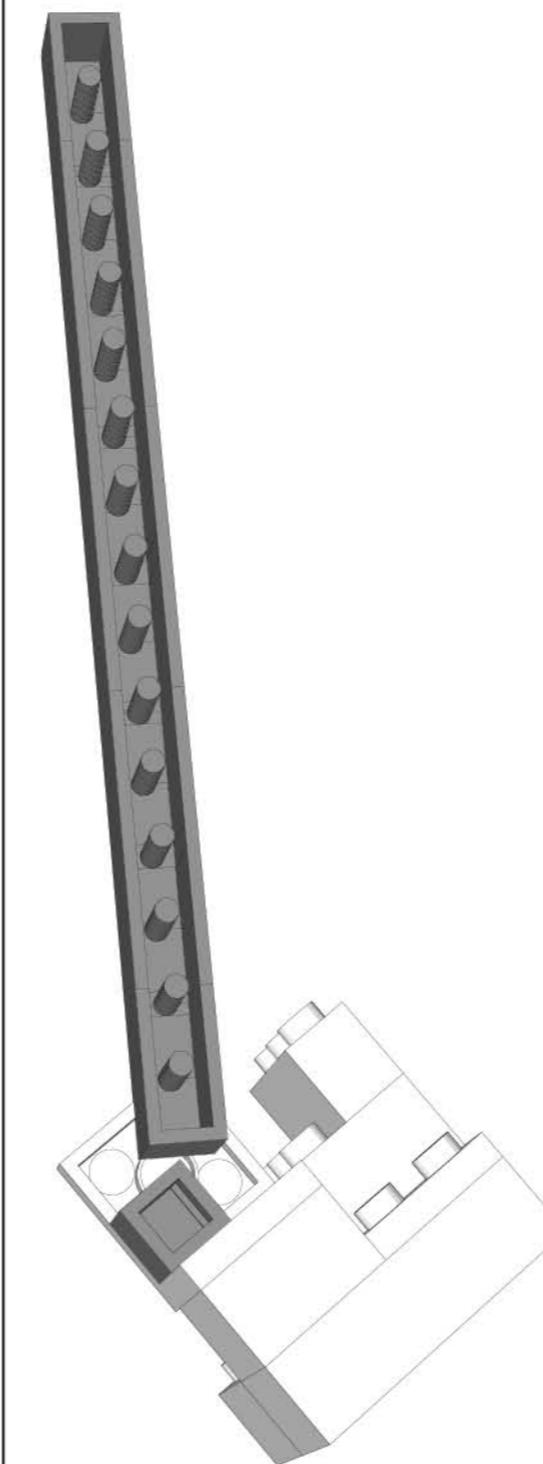
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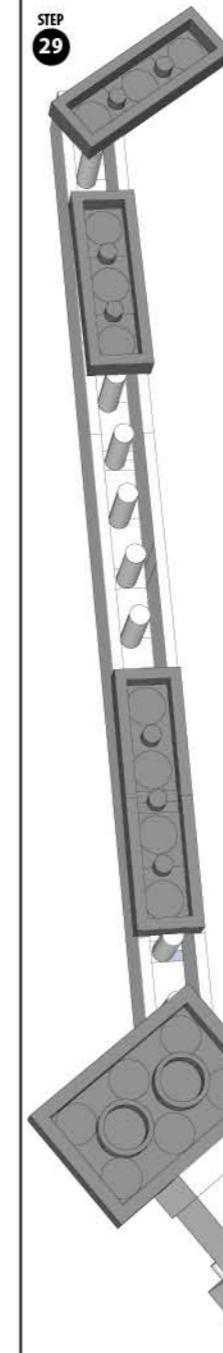
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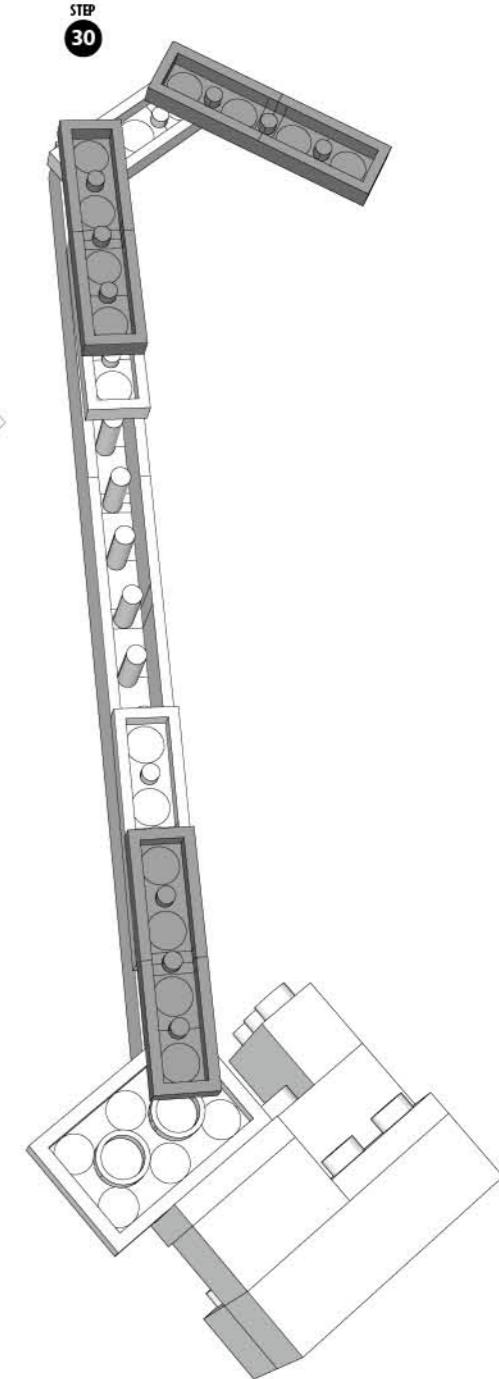
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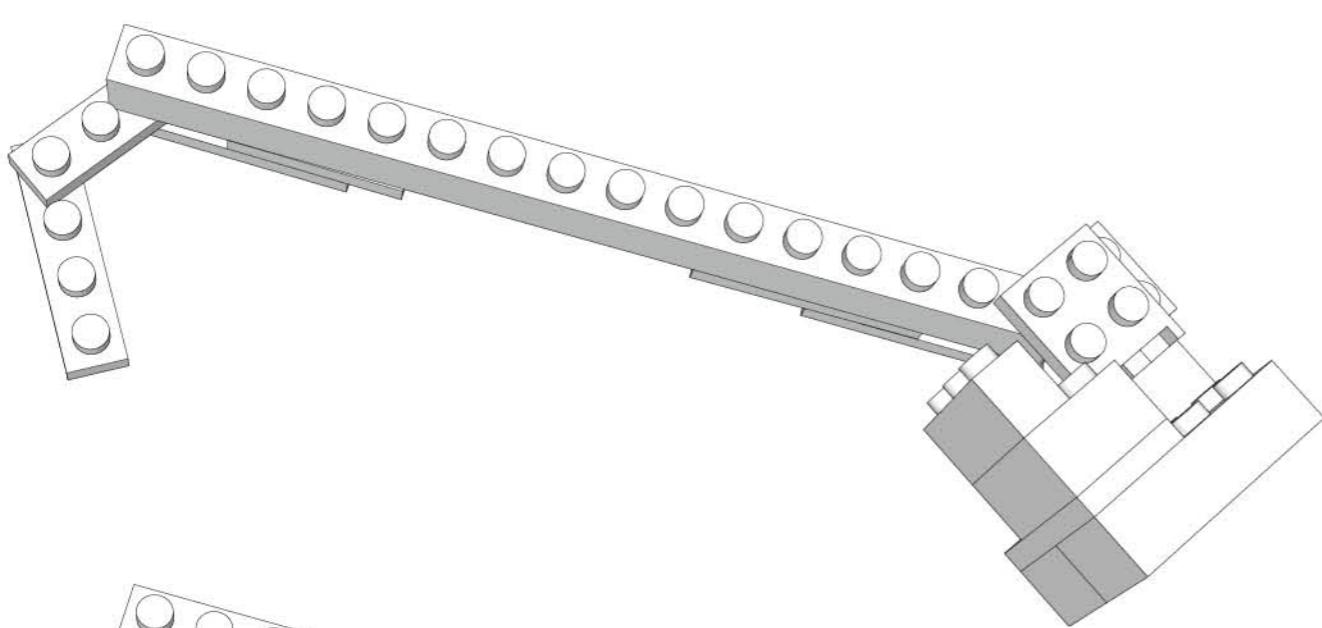
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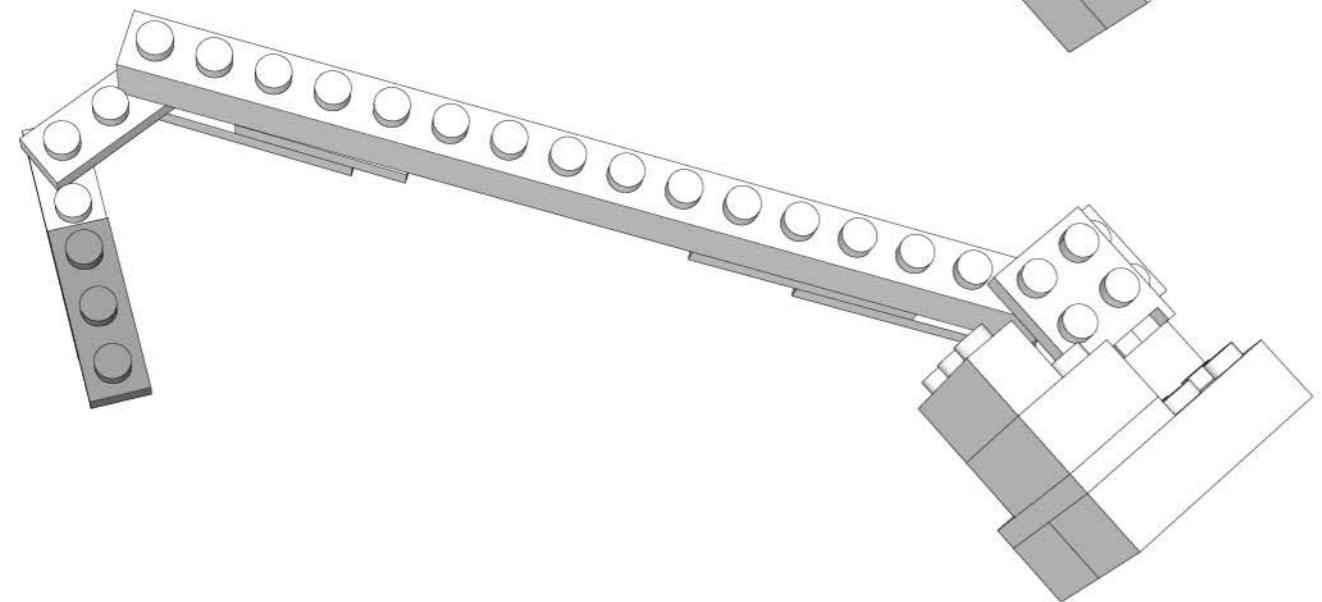
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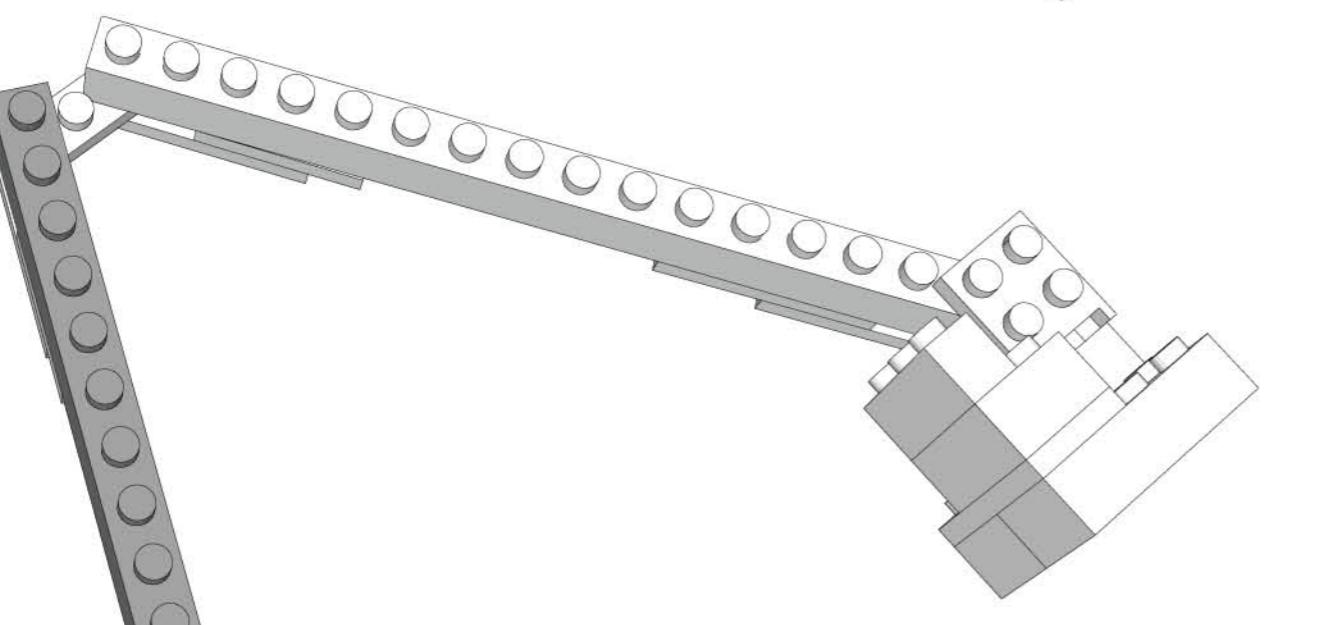
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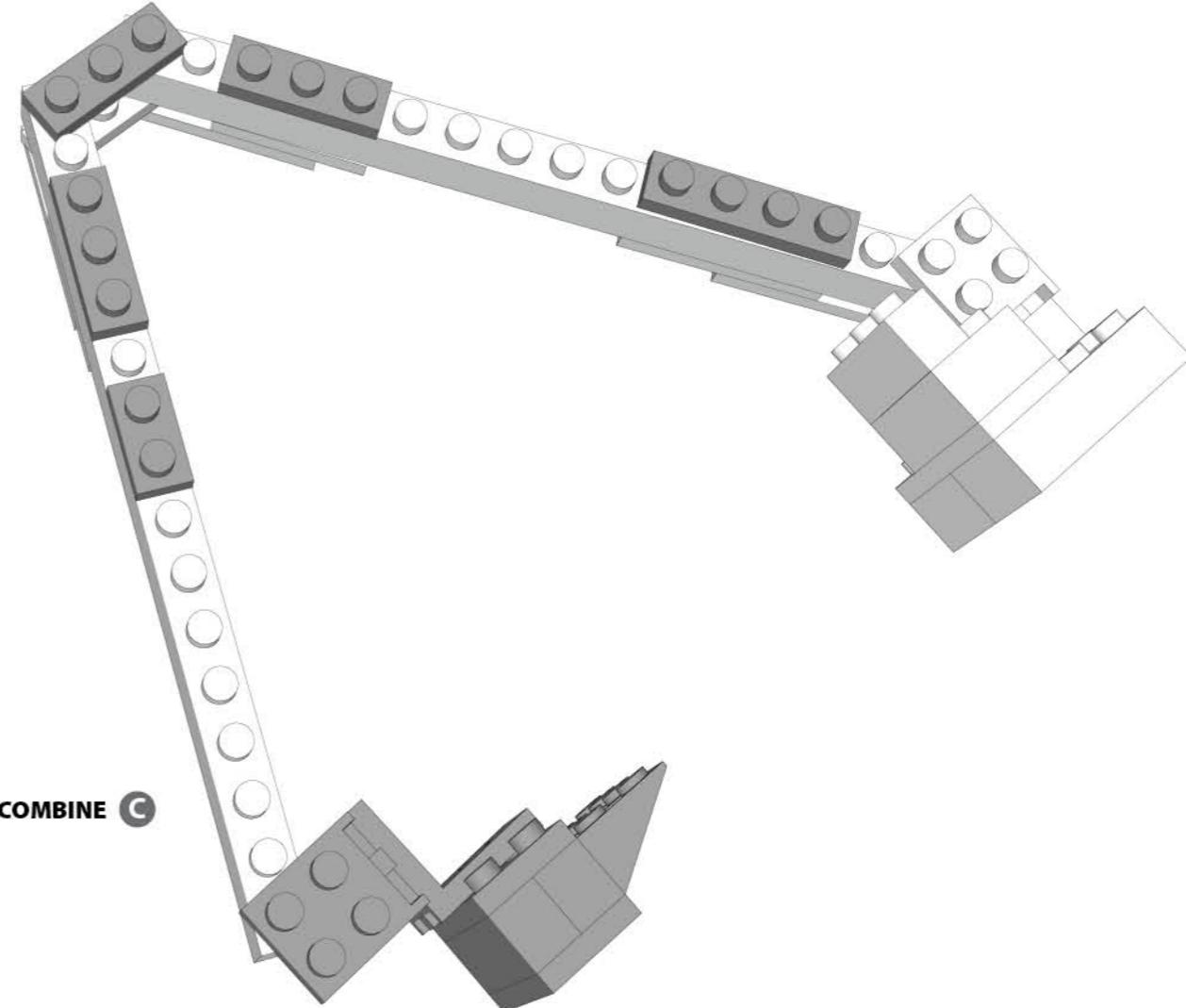
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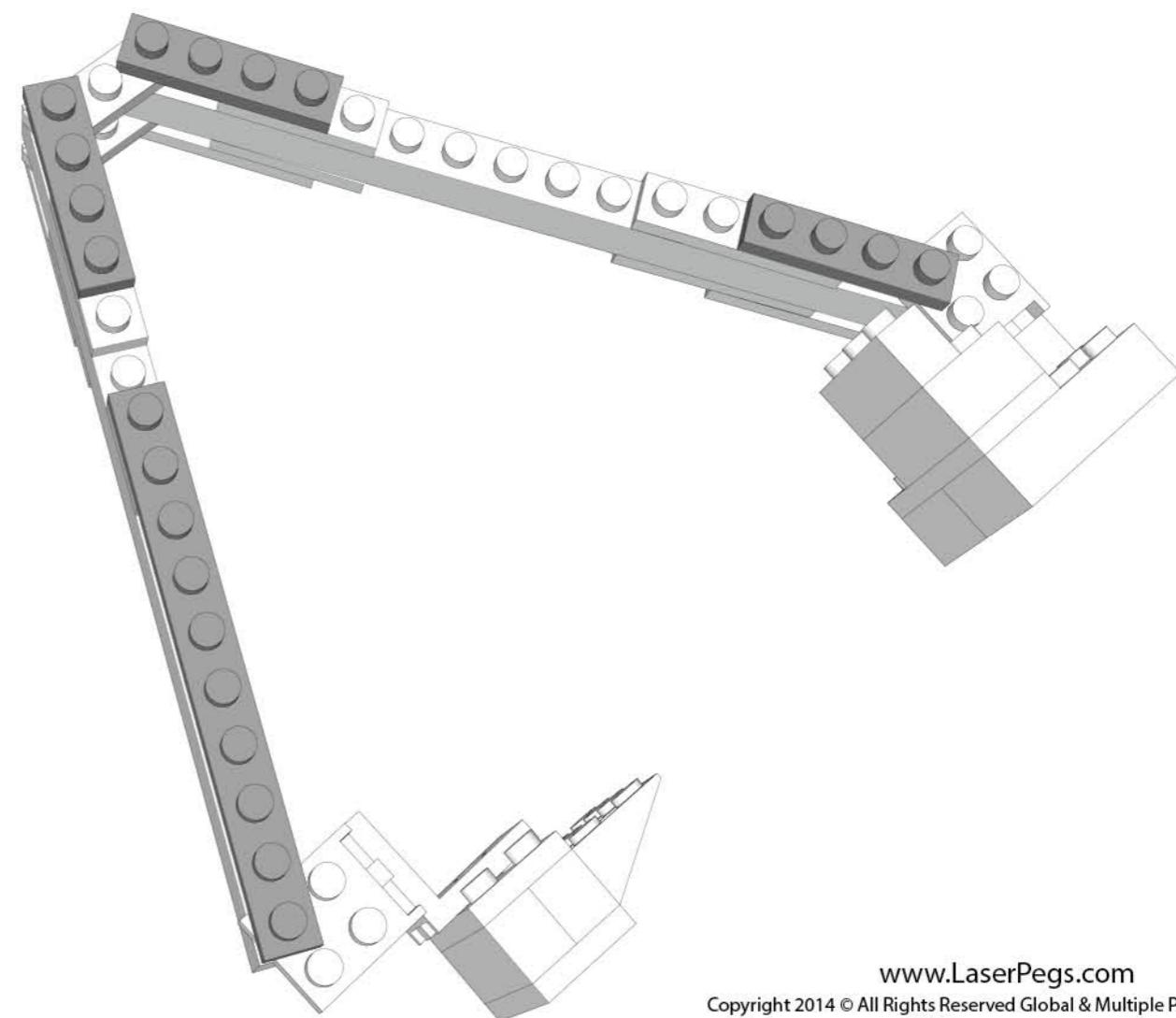
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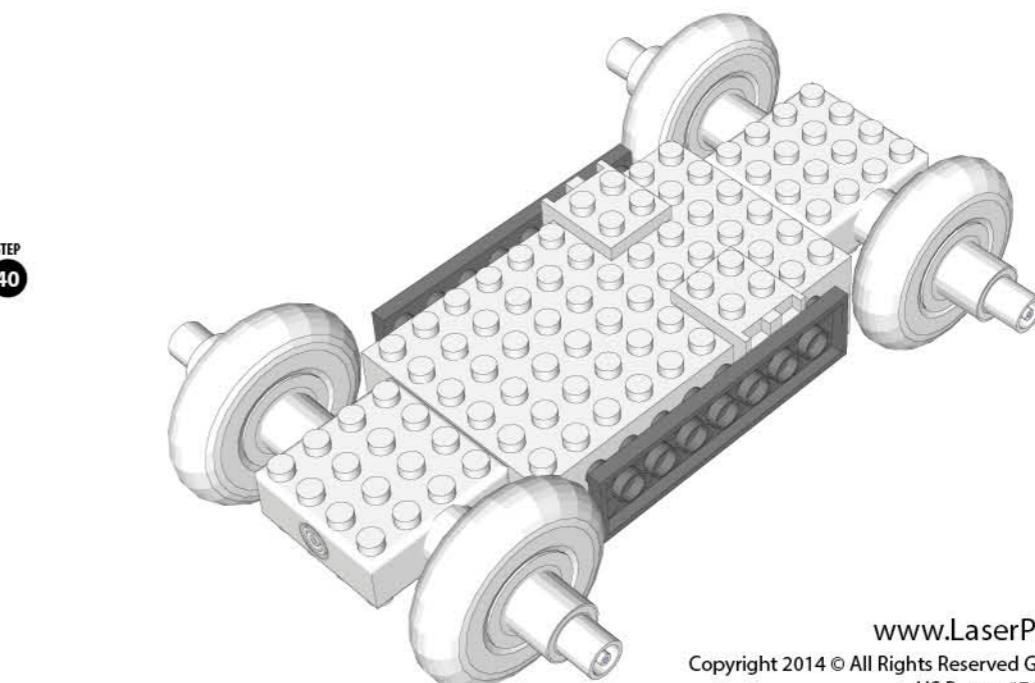
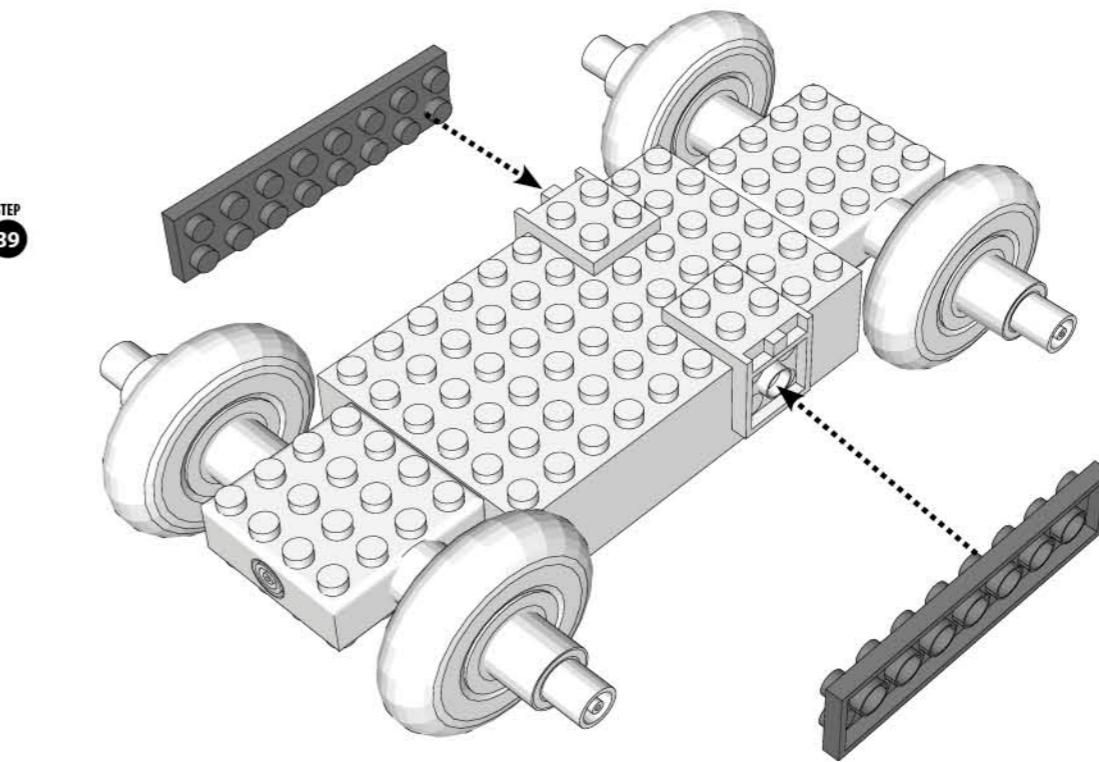
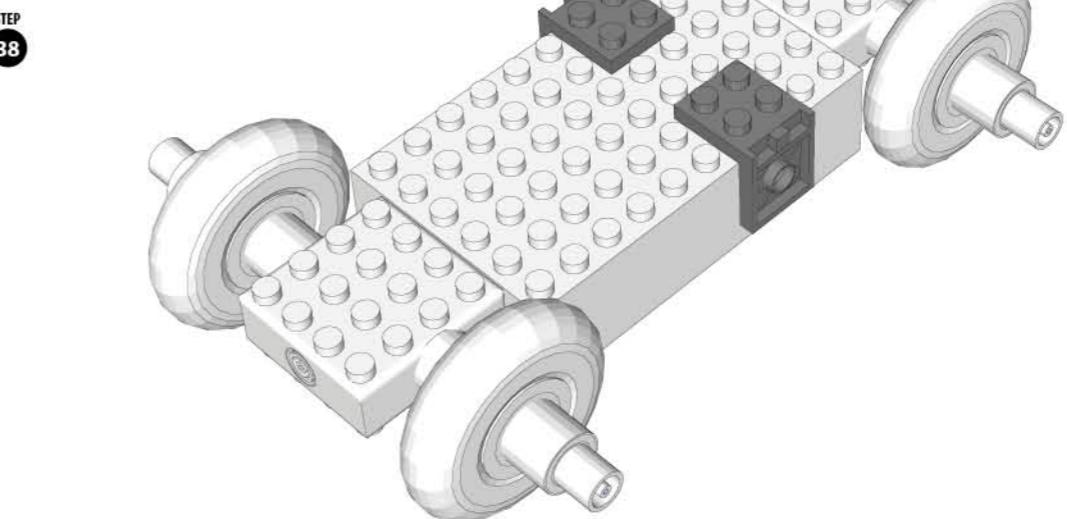
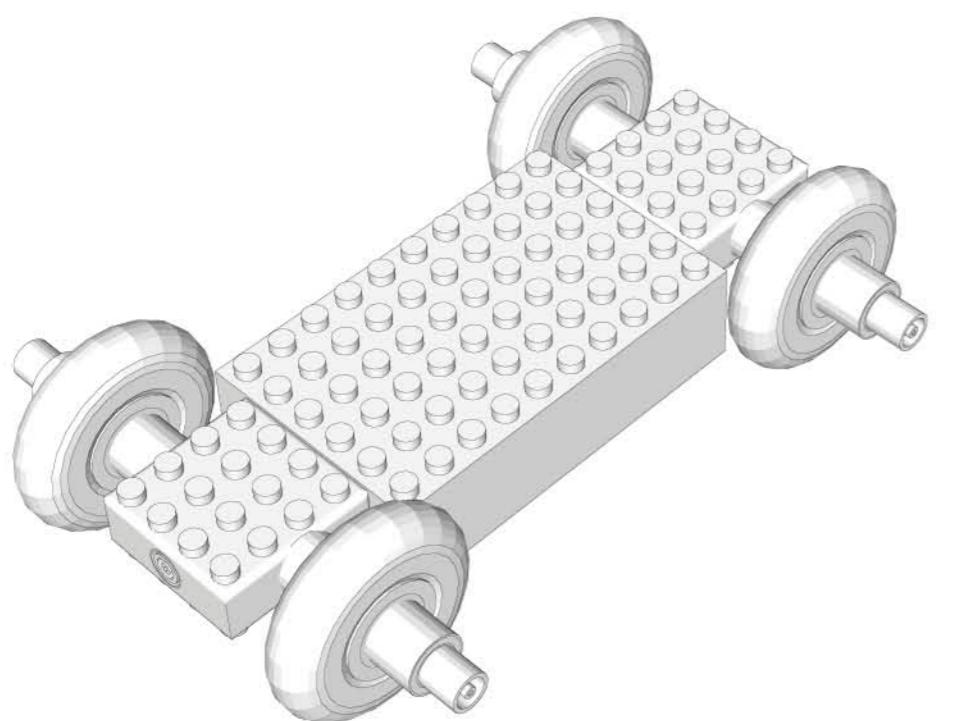
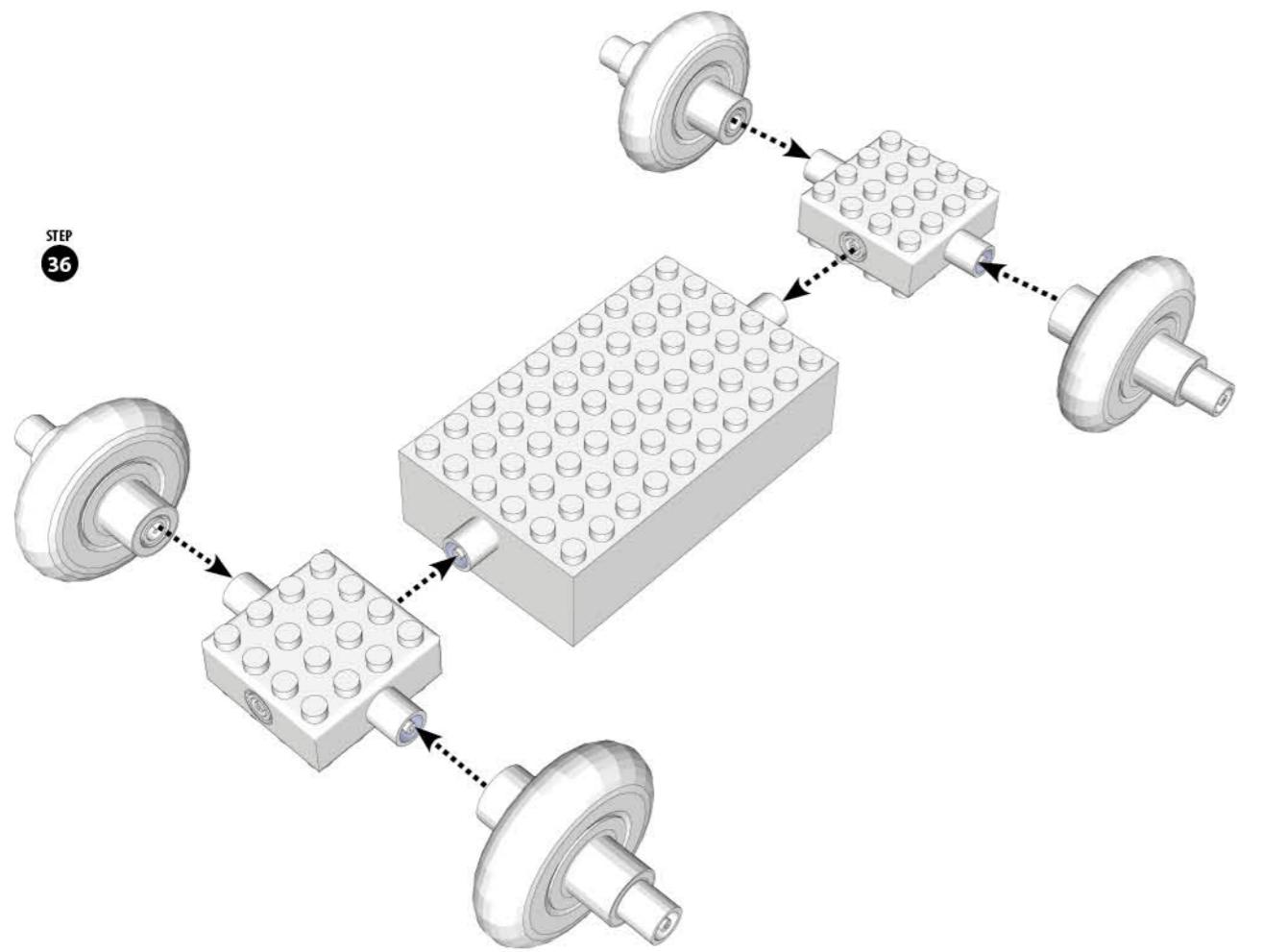
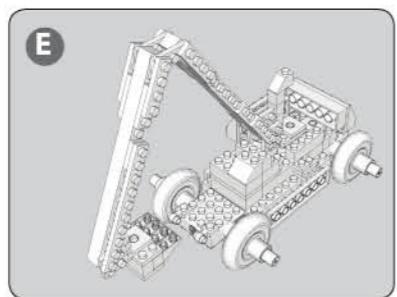


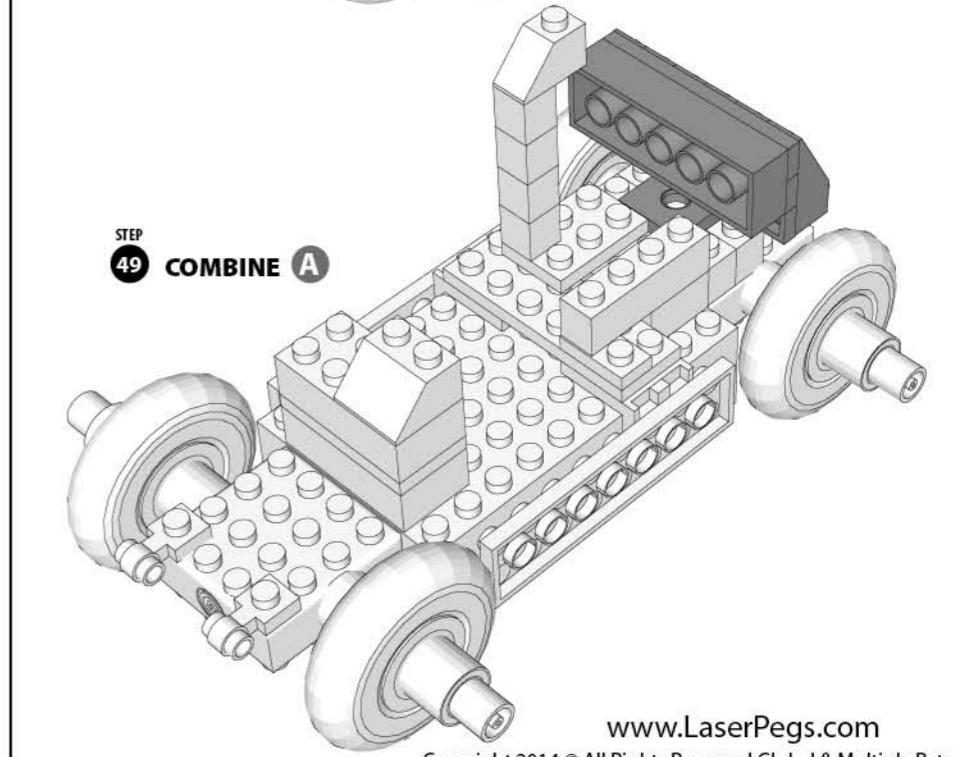
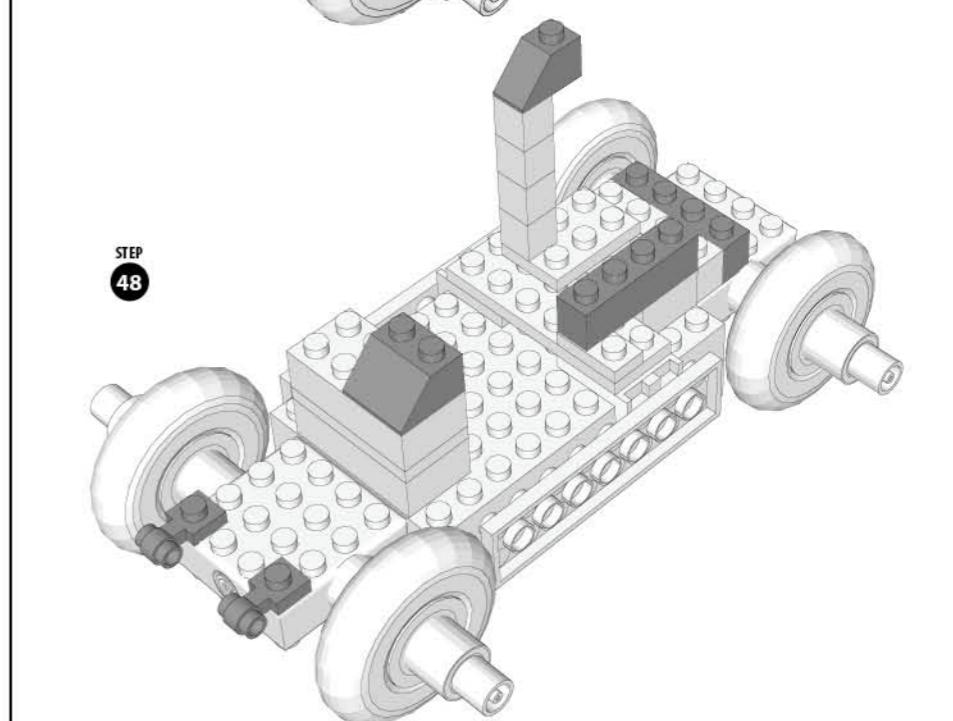
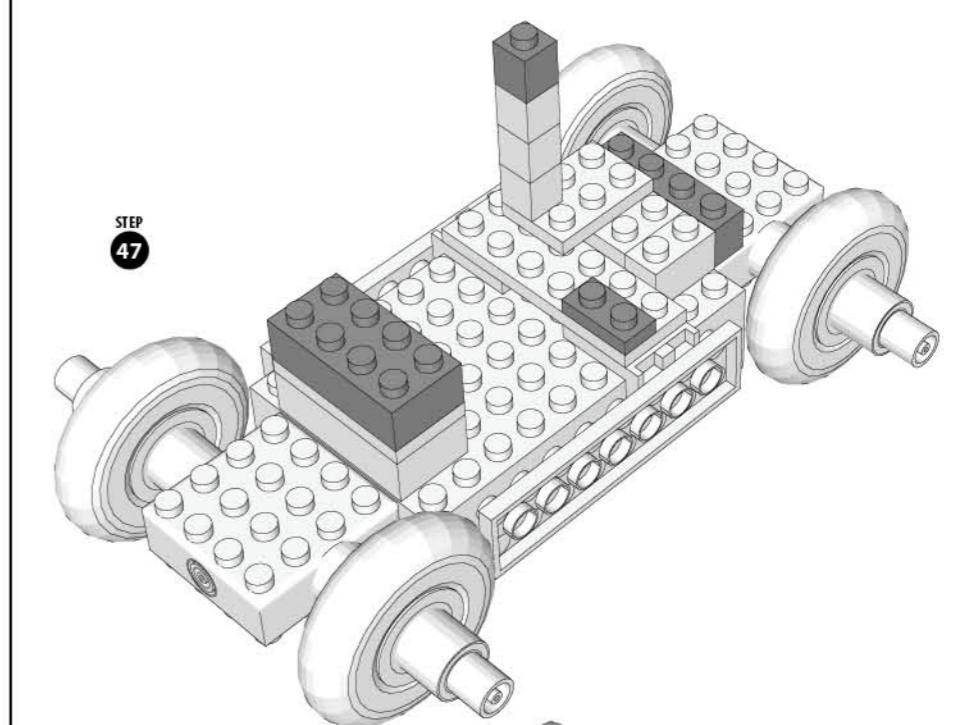
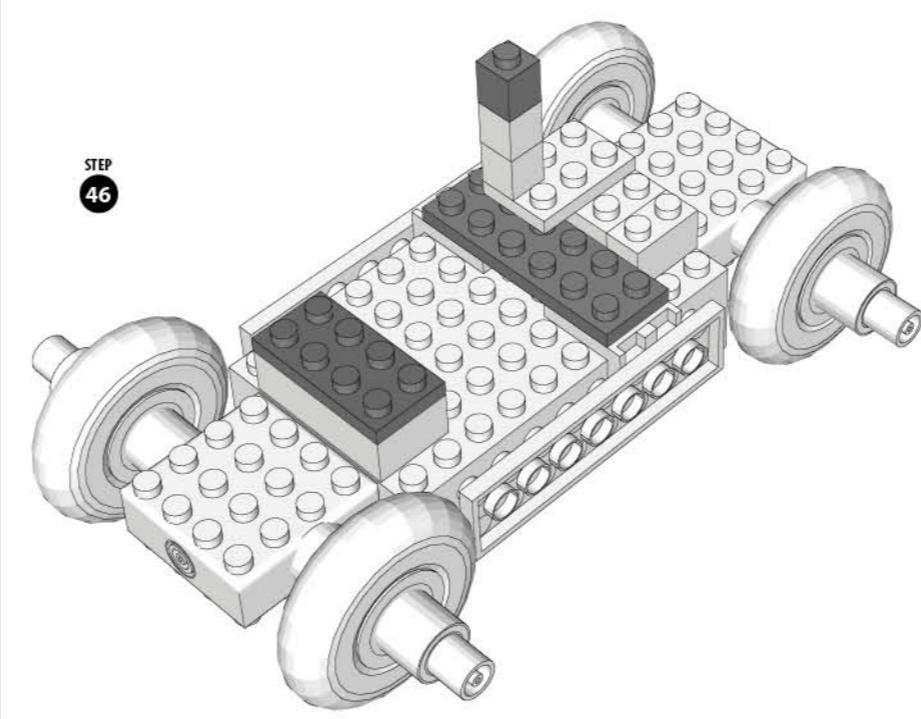
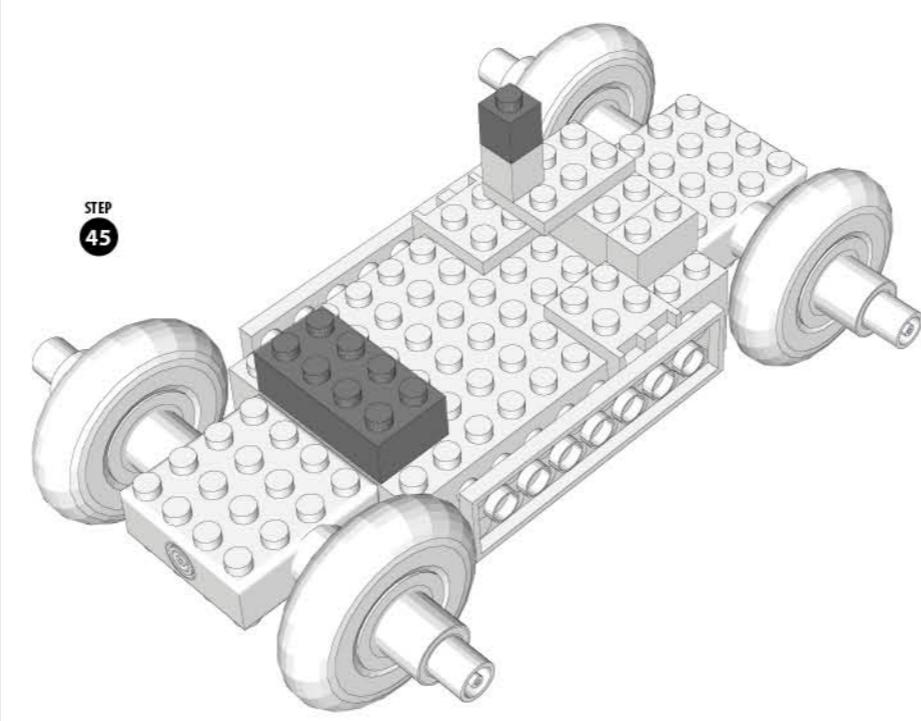
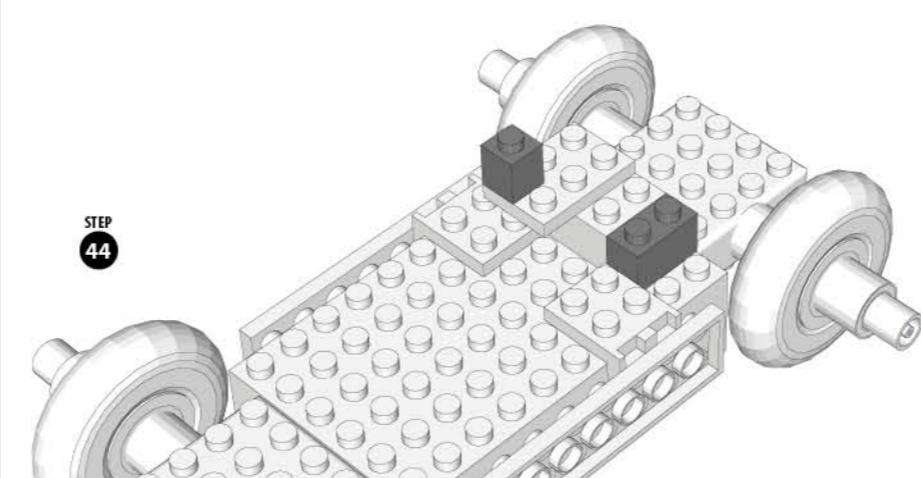
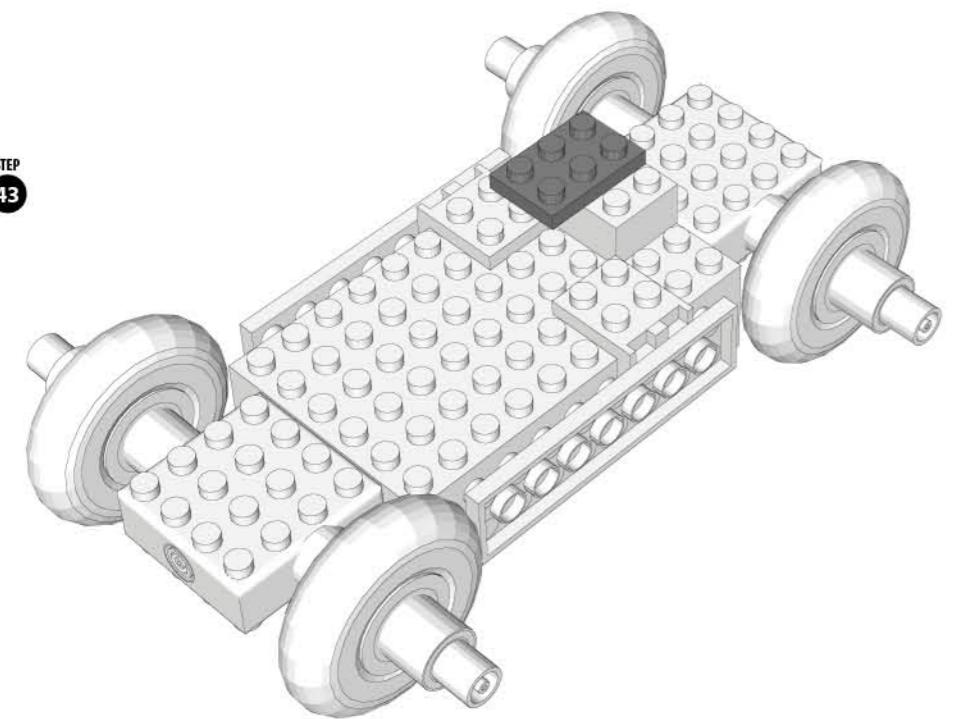
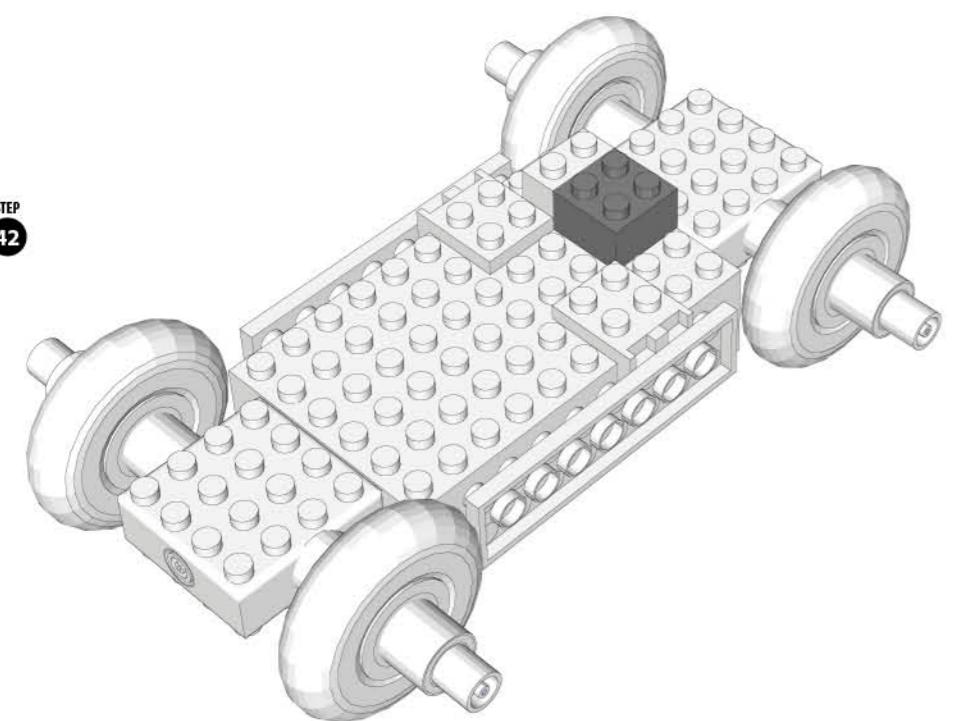
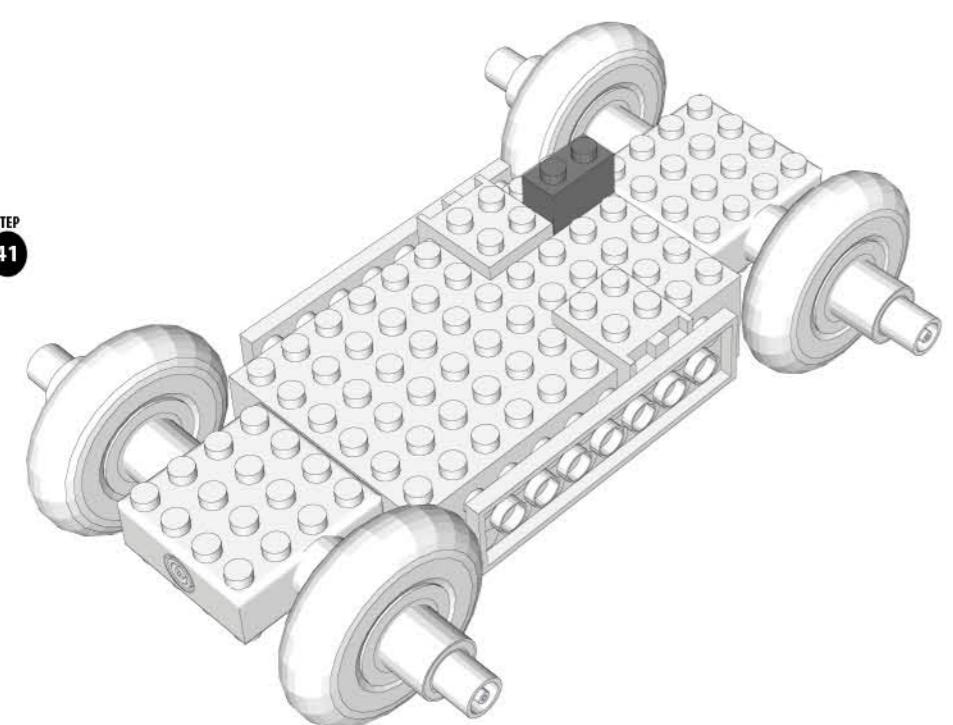
STEP  
34



STEP  
35



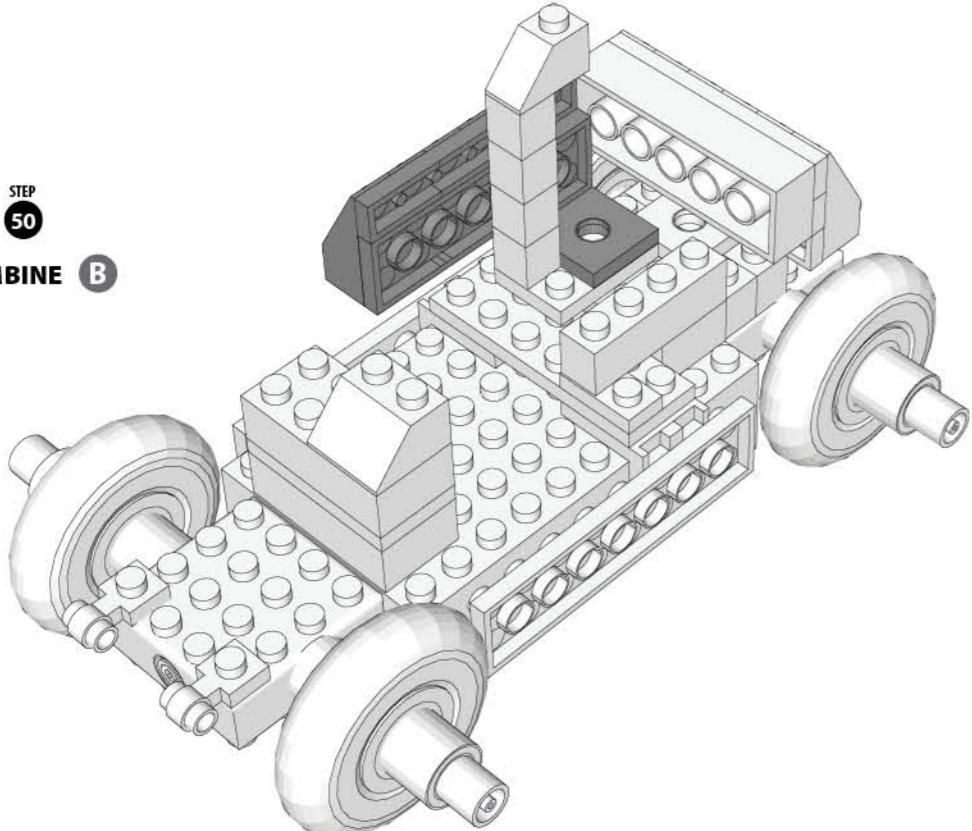




Laser Pegs® CARES  
Questions? Comments?  
For additional compliance info:  
1-866-432-3735  
Contact: [Support@LaserPegs.com](mailto:Support@LaserPegs.com)

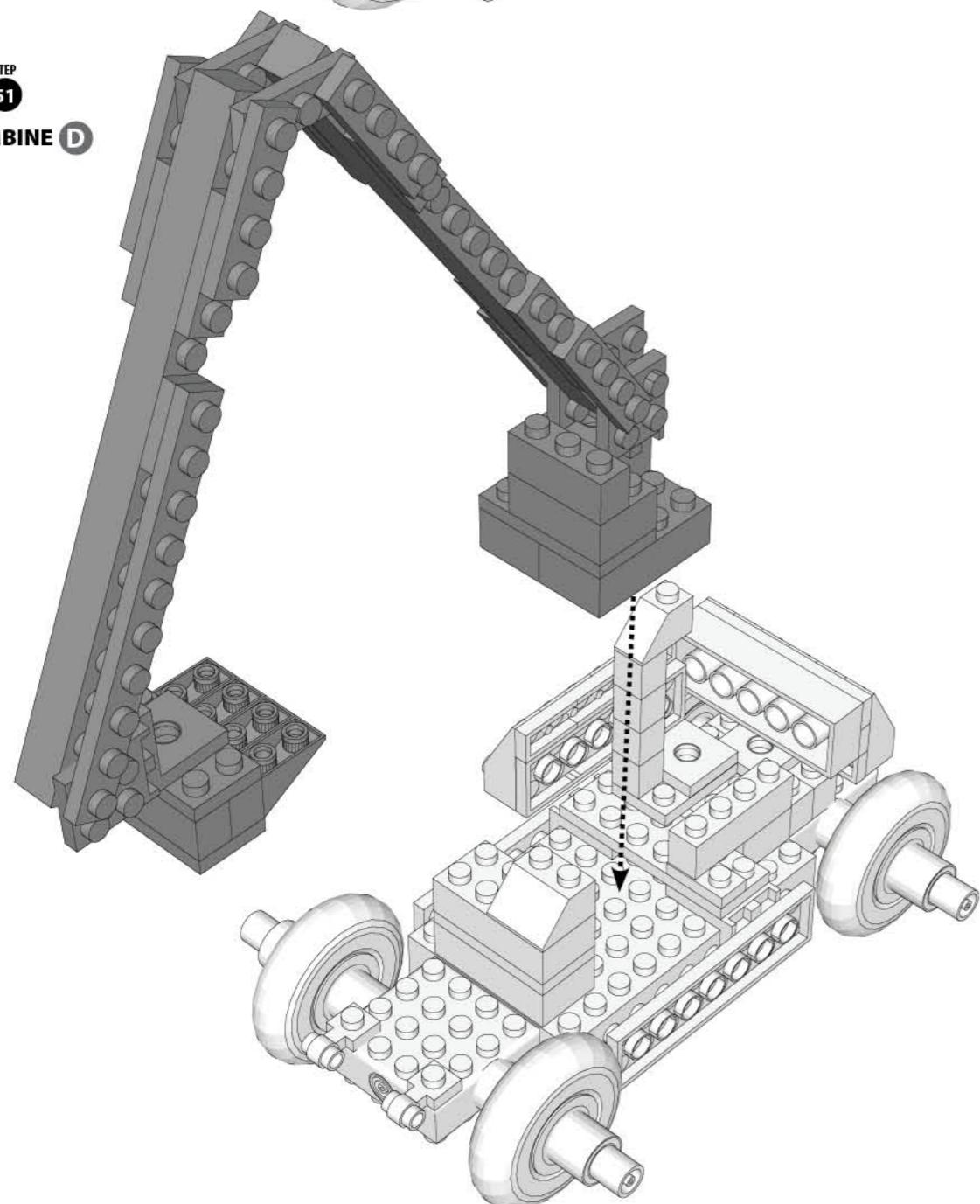
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50

COMBINE B

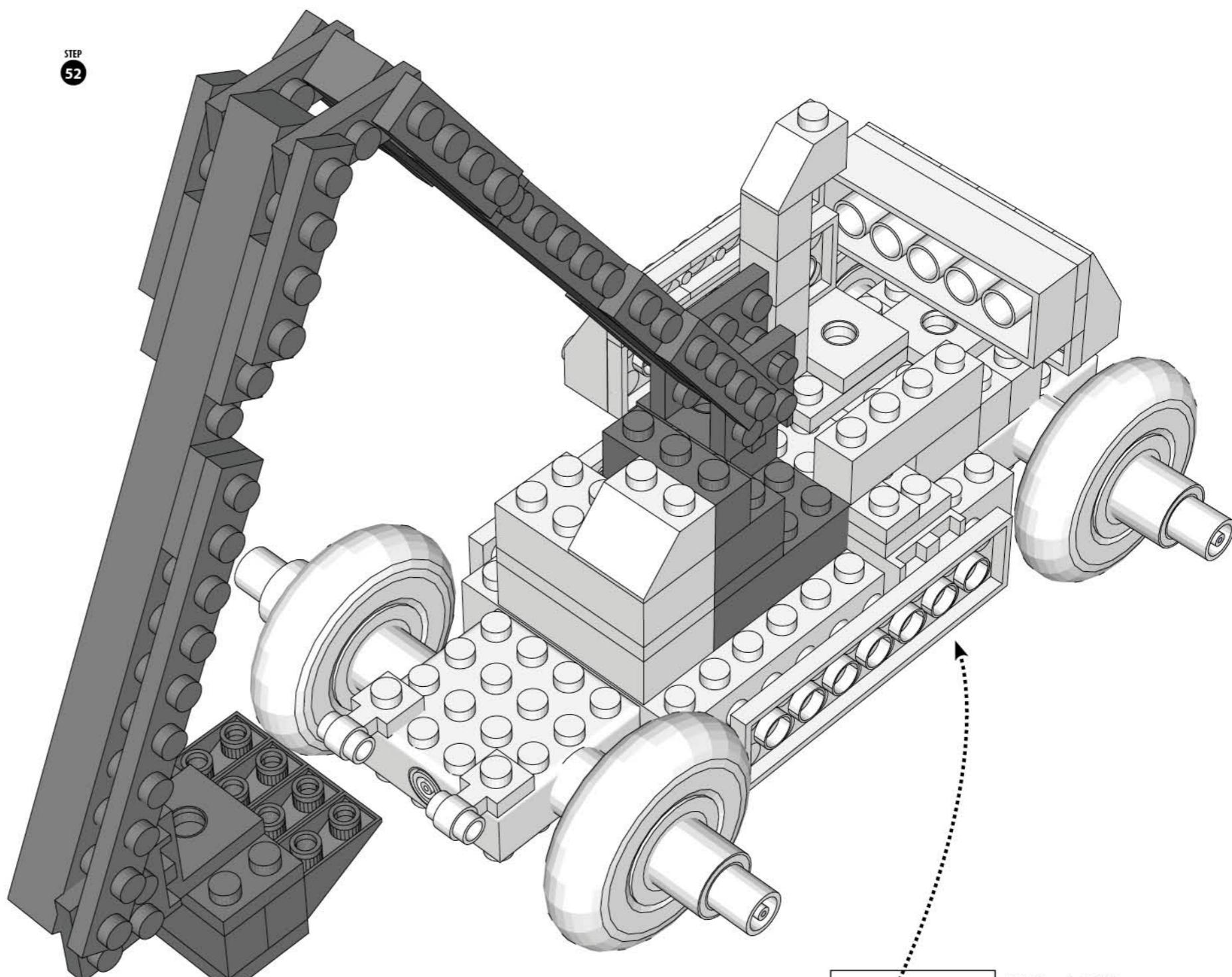


STEP  
51

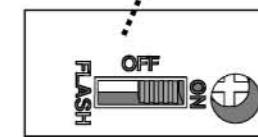
COMBINE D



STEP  
52



Slide the switch to Light It Up!



OFF - Turns lights OFF  
ON - Turns lights ON  
FLASH - Makes lights FLASH

**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.

MADE IN CHINA

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

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US Patent #7,731,558