

# LASER PEGS®

## The Ultimate Construction Toy For Kids®

CI400

4 RACER

For Boys And Girls  
Ages 5 And Up

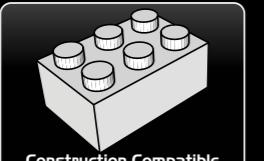
30 IN 1

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. 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.



Compatible with other construction kits

EN71, RoHS COMPLIANT

This product complies to  
all safety requirements  
of ASTM F 963

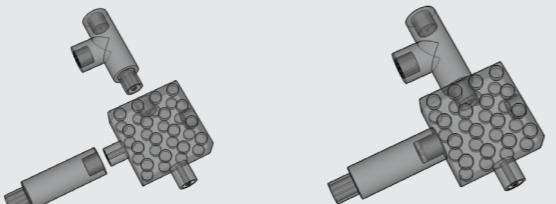
## MODEL INSTRUCTIONS

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



Each Laser Peg® is color coded on the circuit board inside  
each shape.

## Connecting Pegs



To construct with Laser Pegs®, slide two pieces together to form  
a connection. Slide each piece on and off smoothly.

## POWER BLOCK

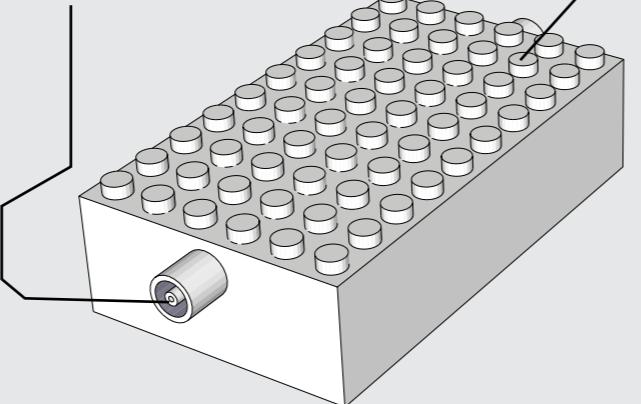
The Power Block is a Power Base that allows you to build with Laser Pegs®  
and construction parts to build models that light up. It is battery operated.  
(BATTERIES NOT INCLUDED.)

### Laser Pegs® Connections

Allows you to construct  
with Laser Pegs®.

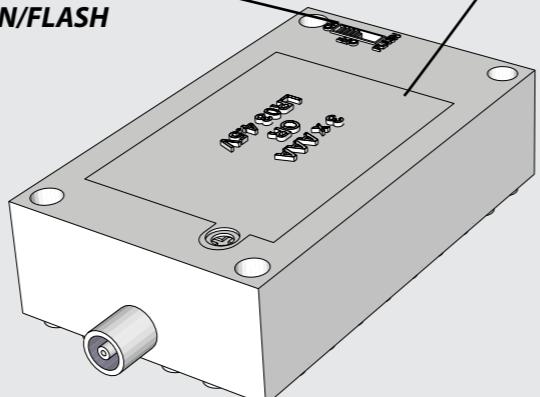
### Construction Part Connections

Allows you to connect to other  
construction kits.



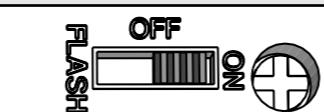
## Power Switch

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



## 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.

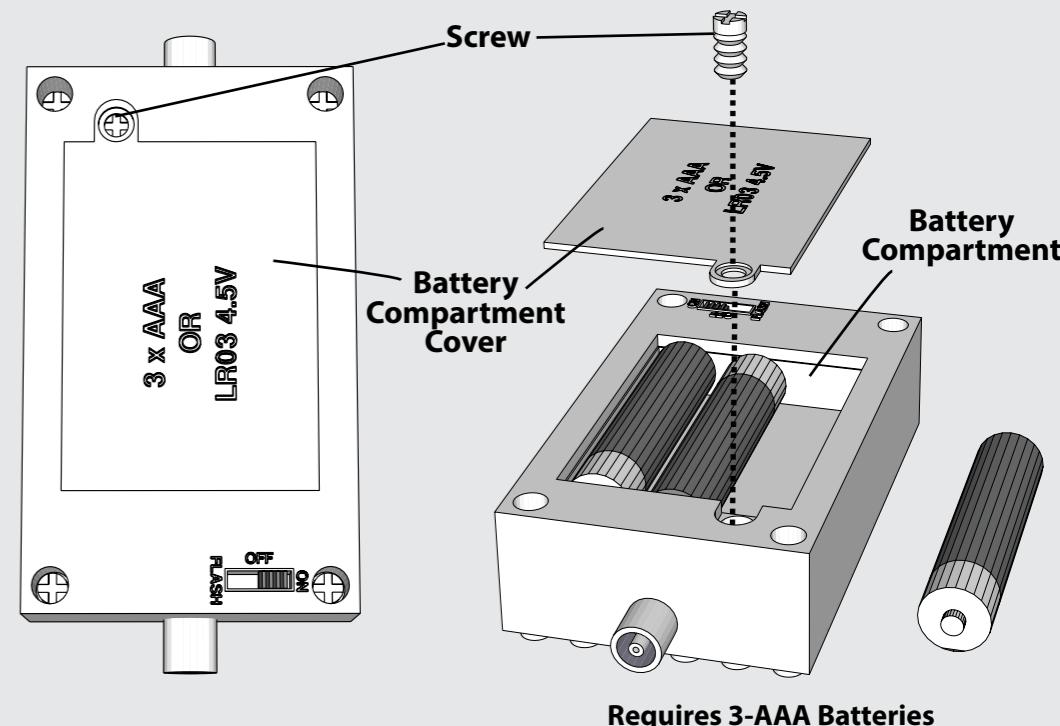
You have 2 simple options...

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

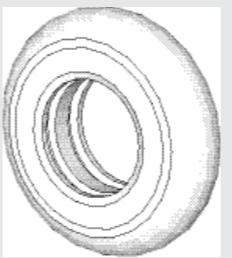
1. Remove Screw.
2. Lift off Battery Compartment Cover.
3. Place three (3) AAA batteries in the correct  
position - as displayed inside of the  
Power Block.
4. Replace Battery Compartment Cover and  
Screw.
5. Move Power Switch setting to  
OFF/ON/FLASH.
6. Do not mix old and new batteries.
7. Do not 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 150 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.

Remove the Phillips head screw  
with a 4mm screw driver.  
**Requires 3-AAA Batteries**  
**Batteries NOT  
Included**



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

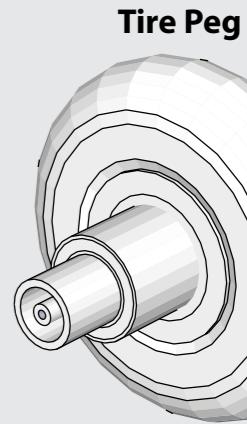
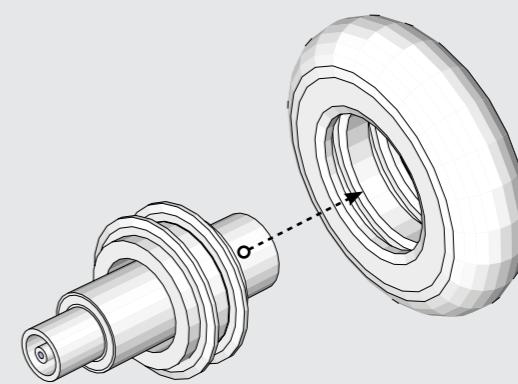
Place Axle Peg  
through the Tire



Tire



Axle Peg

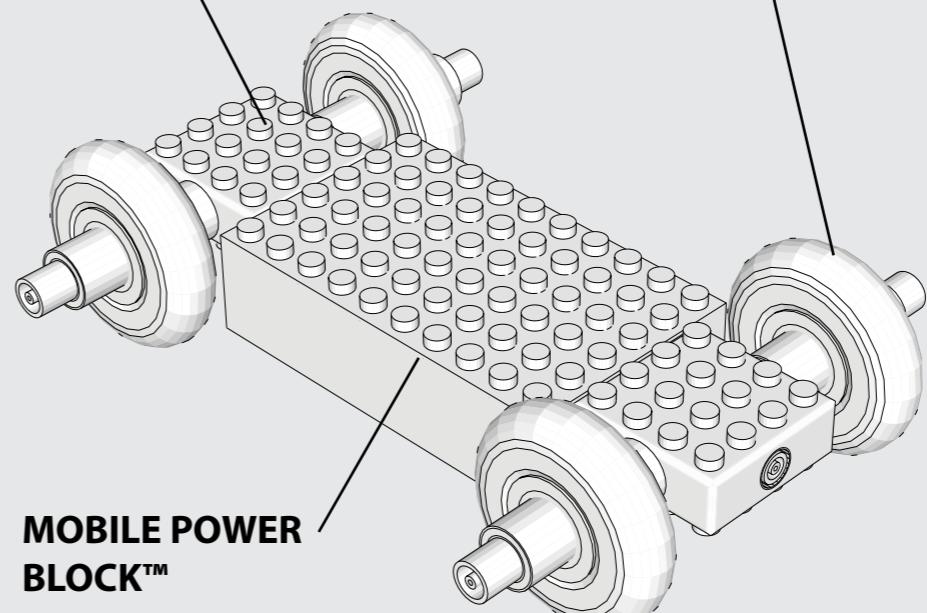


Tire Peg

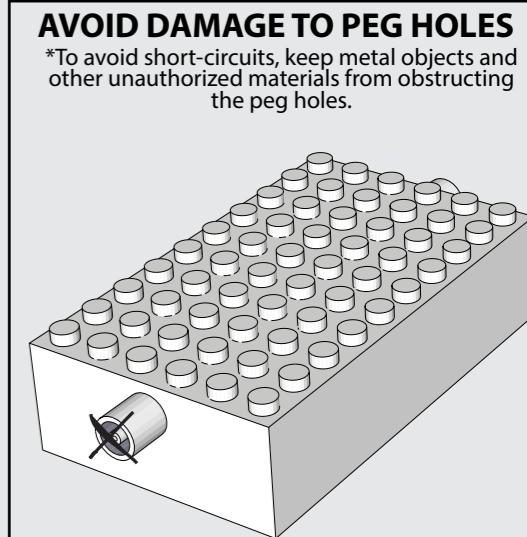
## POWER BLOCK™

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

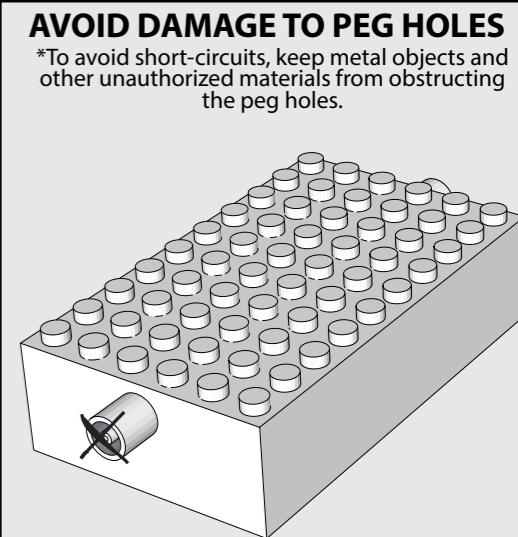
### Laser Pegs® Square M-M Peg



### Tire Peg



Never connect more than 150 Laser Pegs®  
to the Power Block at one time.



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

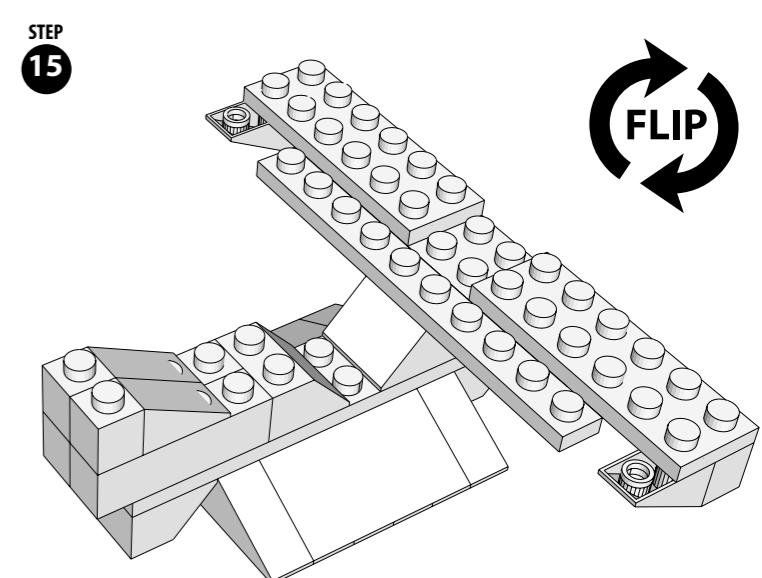
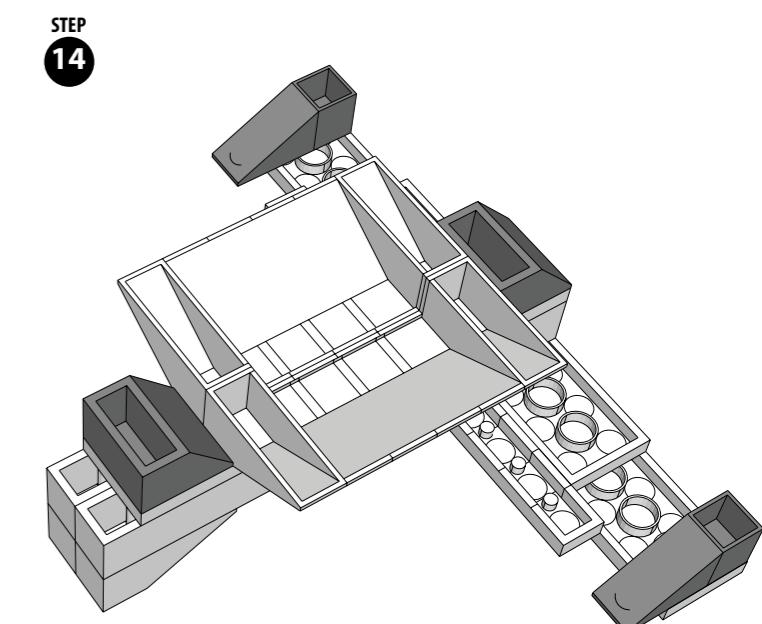
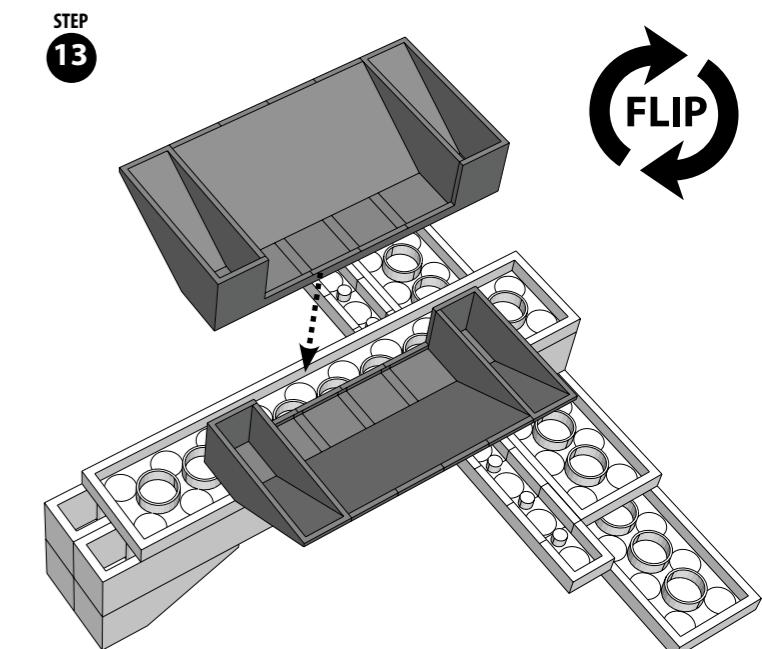
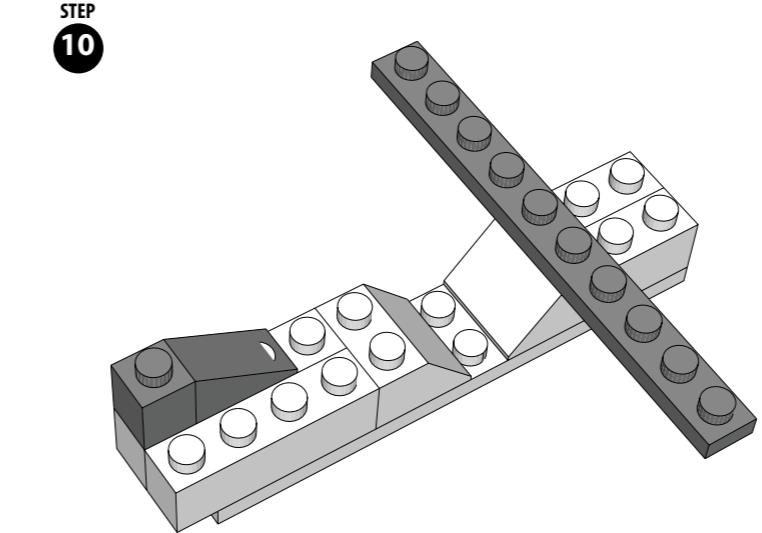
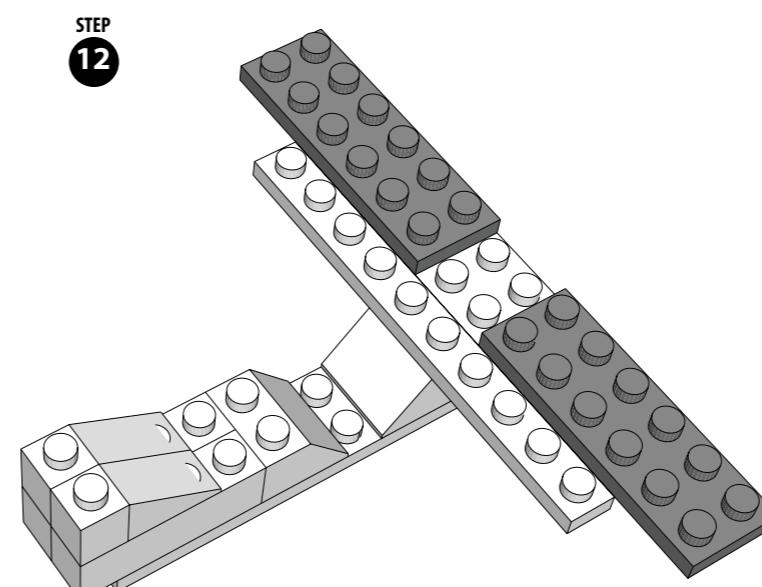
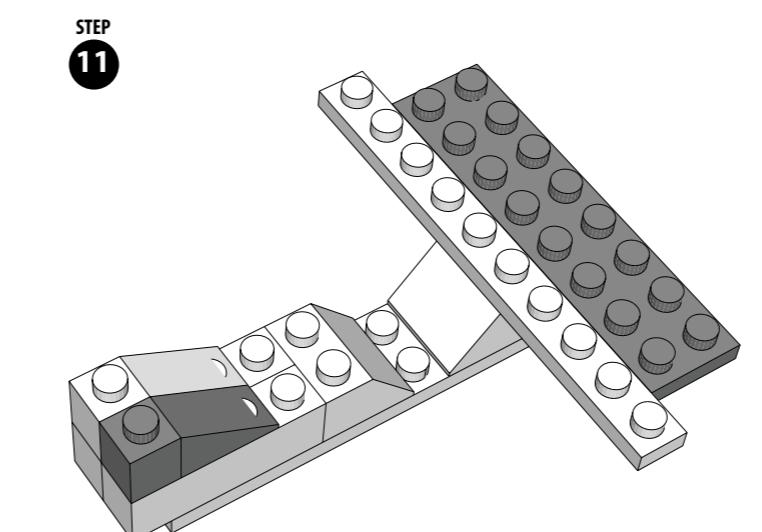
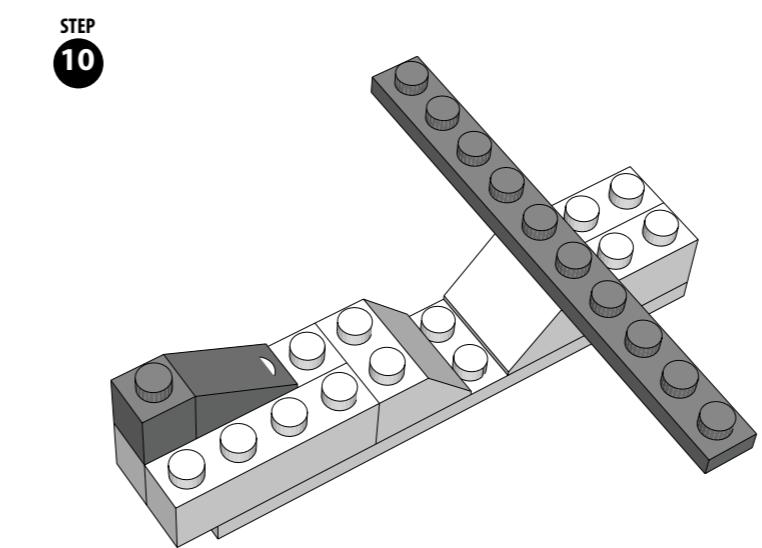
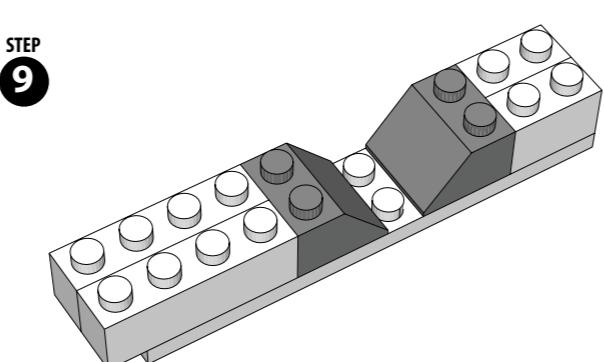
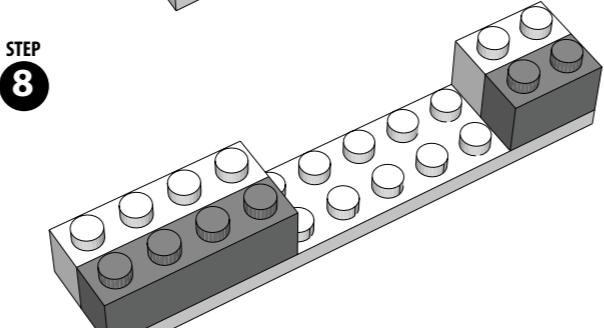
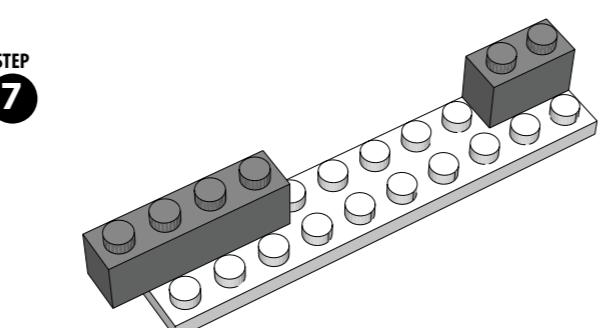
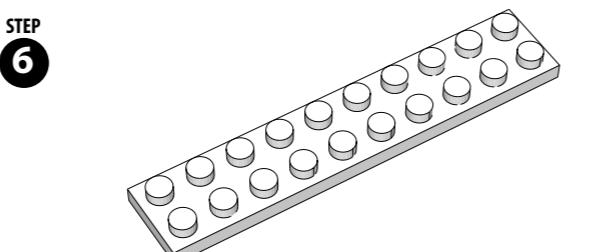
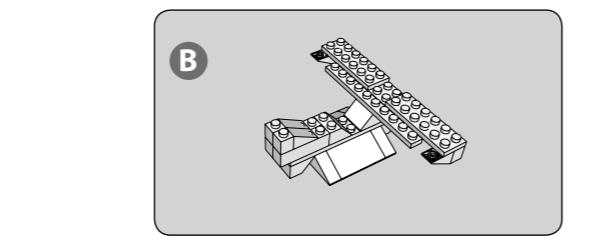
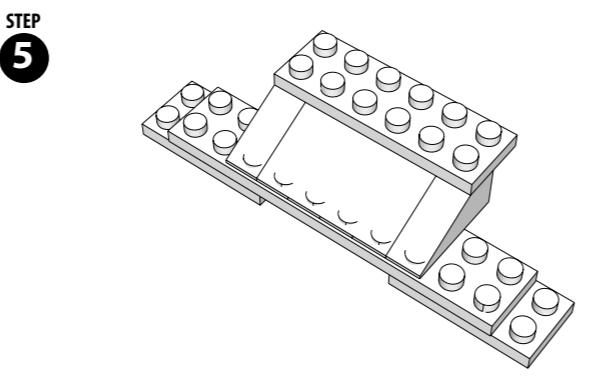
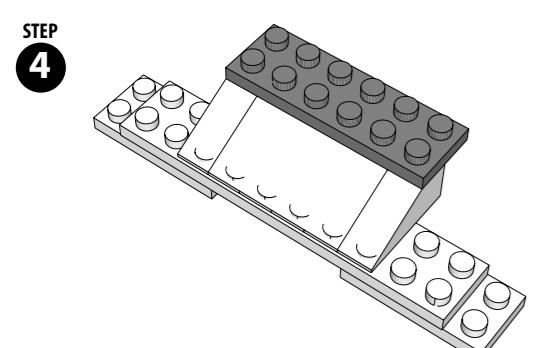
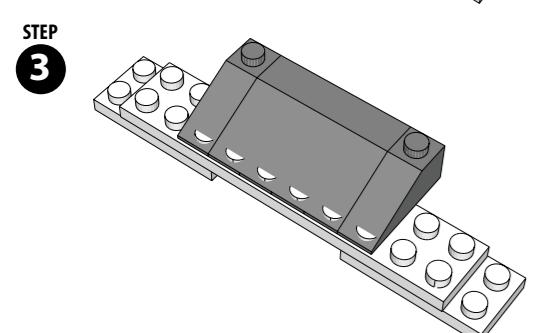
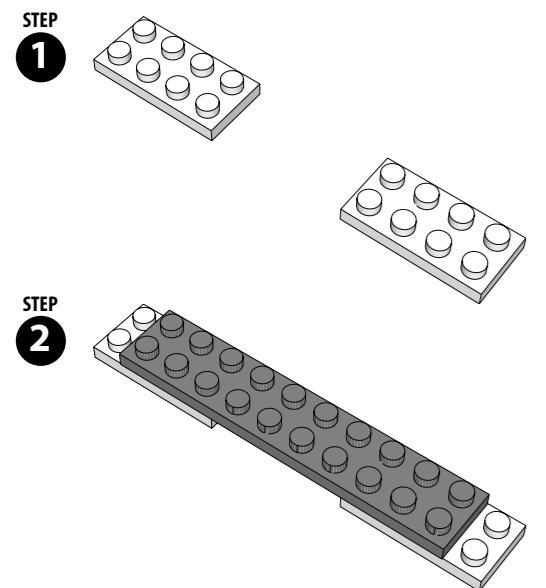
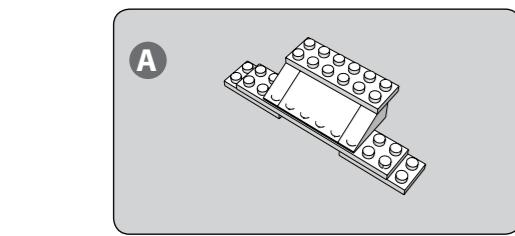
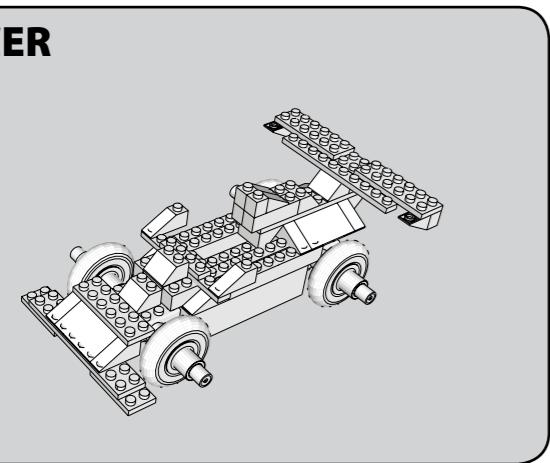
F-1 RACER: The primitive cars at the first Grand Prix, took over an hour to complete one lap.



## F-1 RACER

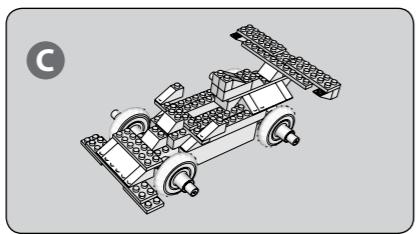
Model  
Difficulty  
Level

2

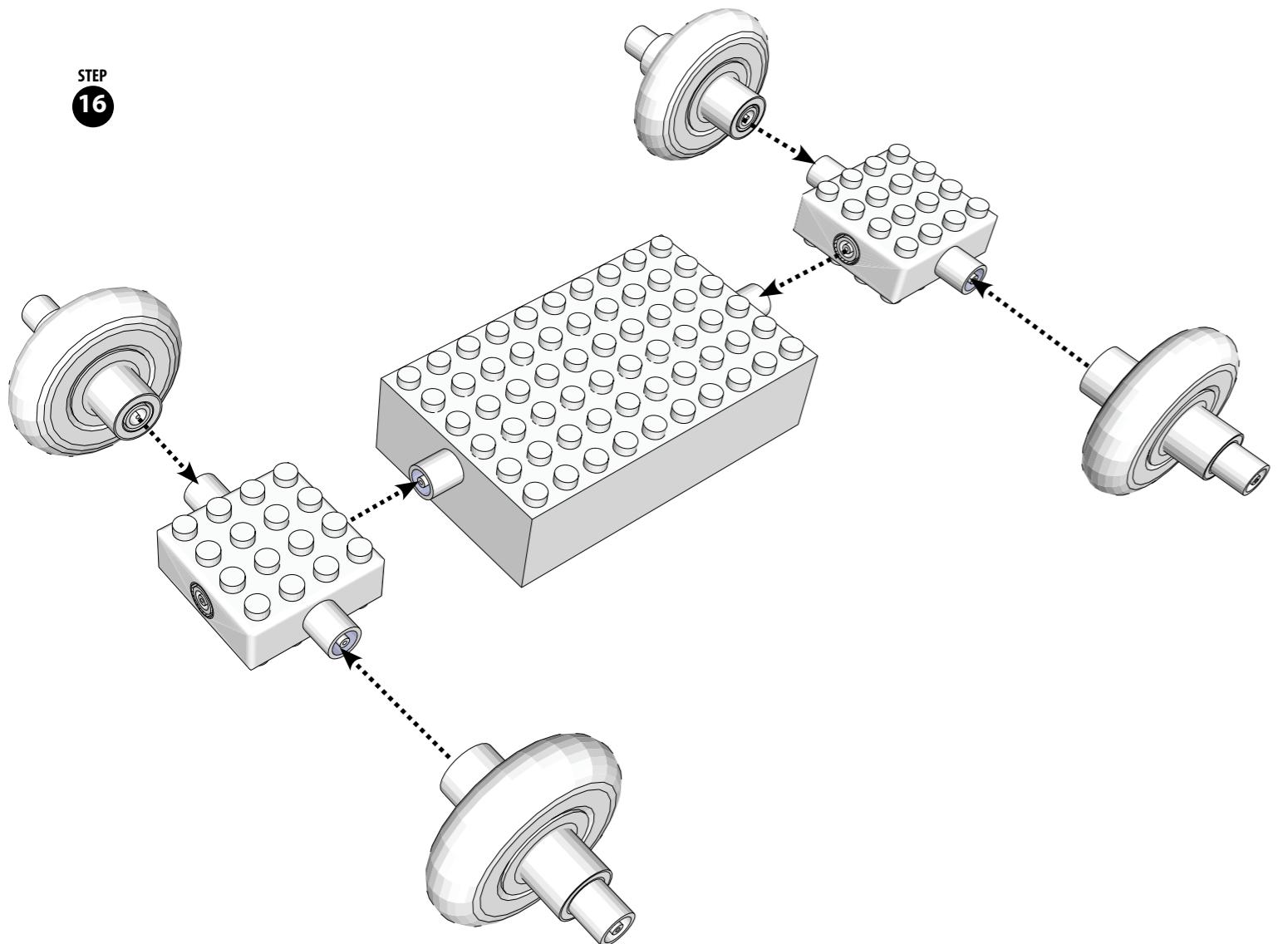


FLIP

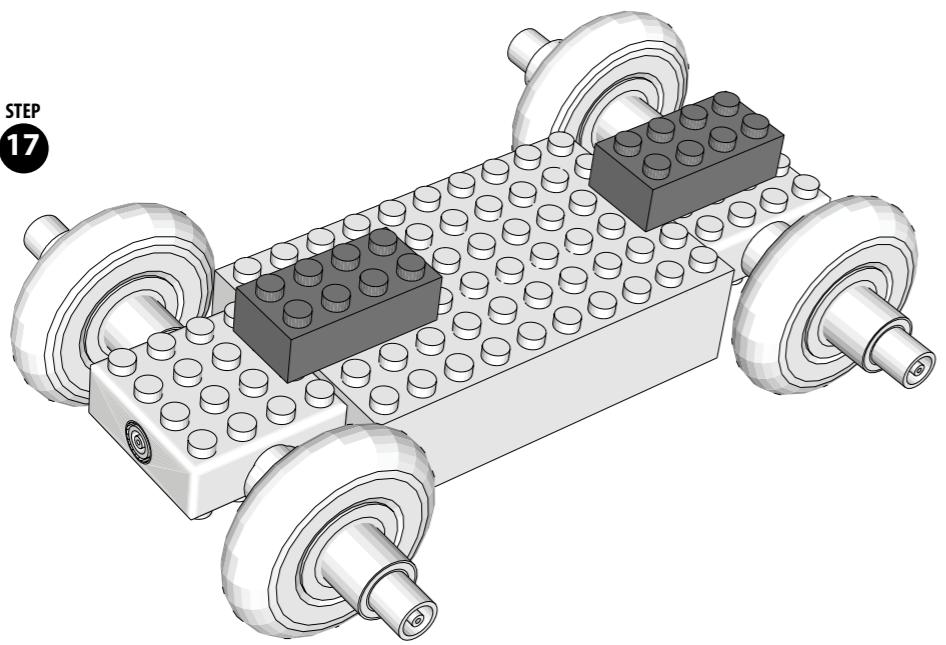
FLIP



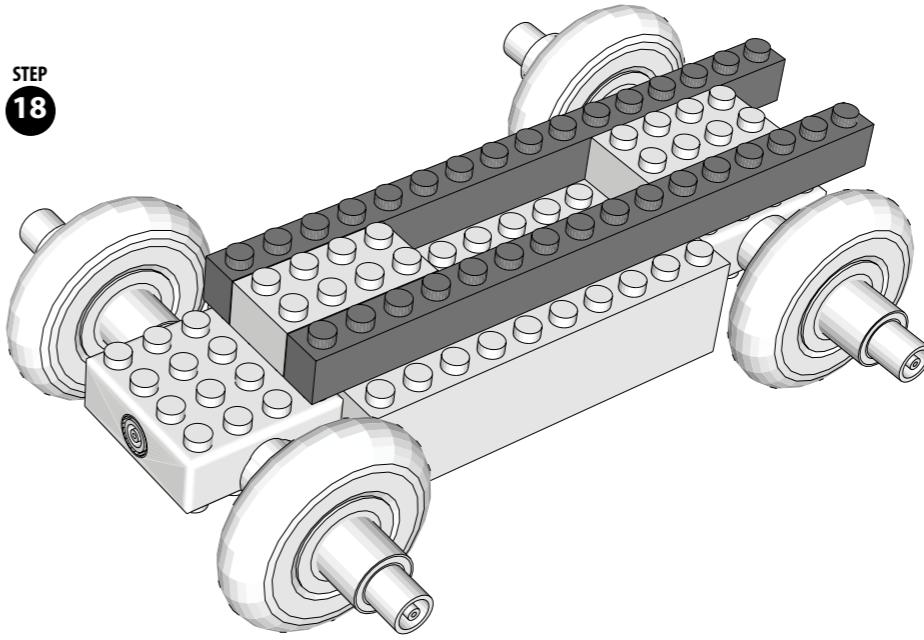
**STEP  
16**



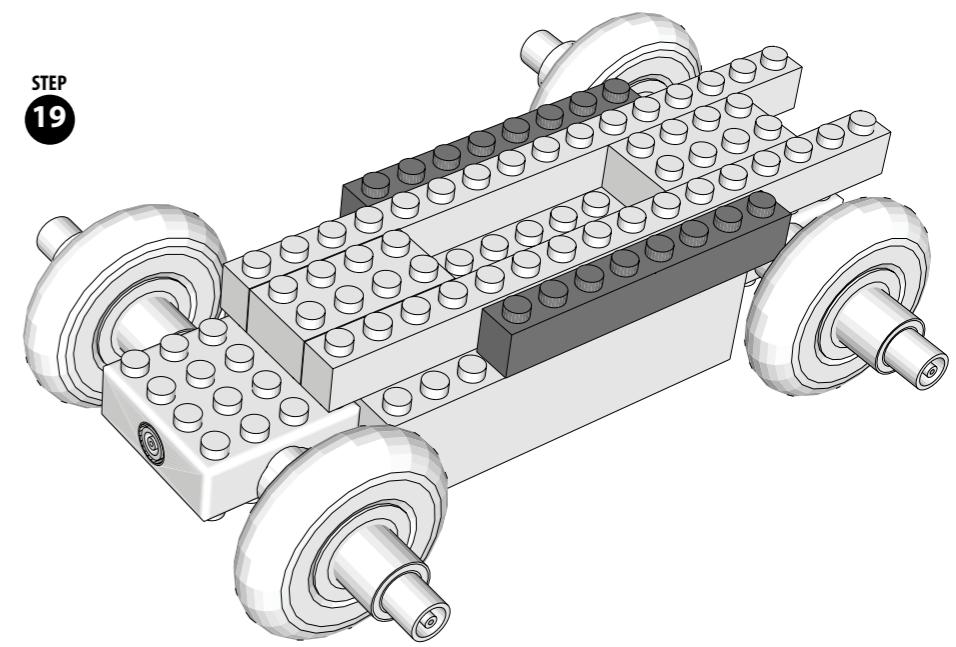
**STEP  
17**



**STEP  
18**



**STEP  
19**



**STEP  
20**

