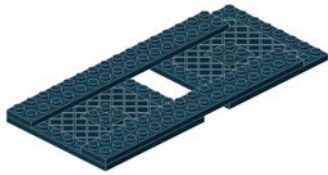
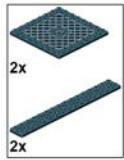


Lego Trains for Large Scale Rails

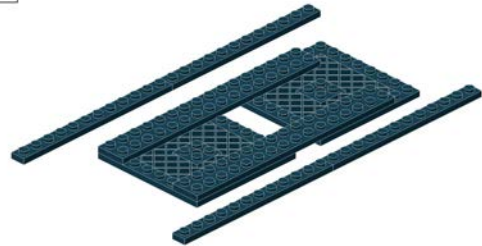
Build your own Mack diesel switcher

Ben Lake | Waukesha, Wisconsin | ILLUSTRATIONS BY BEN LAKE

1



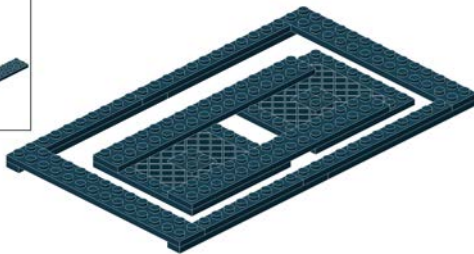
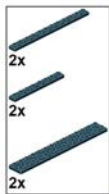
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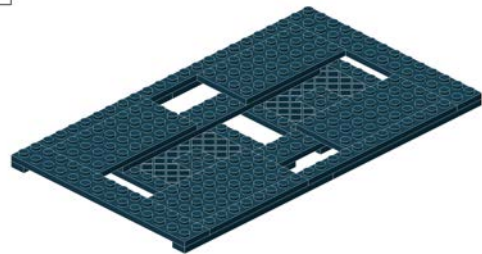
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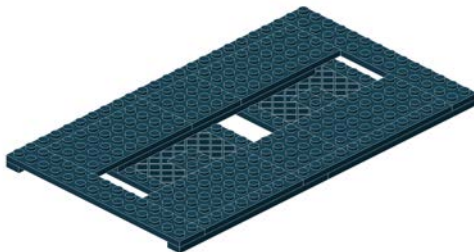
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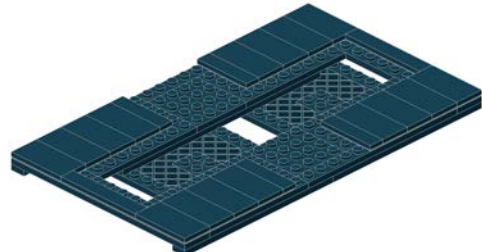
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4

5



6



5

6

1

- 2x
- 2x
- 3x



7

2

- 2x
- 2x



8

3

- 1x
- 1x



9

4

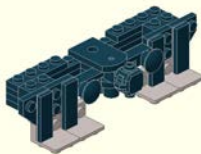
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10

5

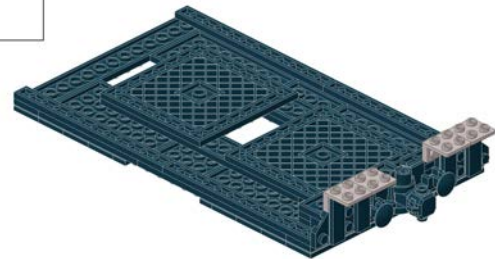
- 4x
- 4x



11

7

- 1x



12



1

-  2x
-  2x
-  3x



13

2

-  2x
-  2x



14

3

-  1x
-  1x



15

4

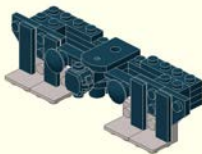
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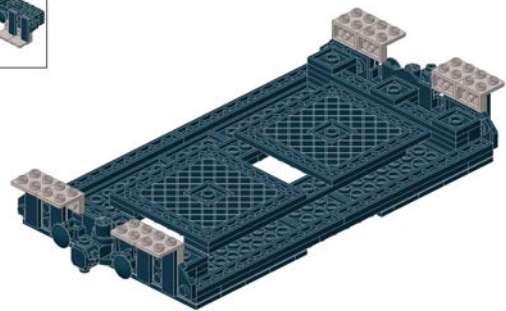
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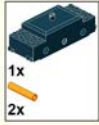
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-  1x



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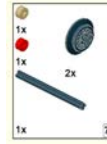
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This part represents
the Power Functions
Train Motor (#88002)

19

2



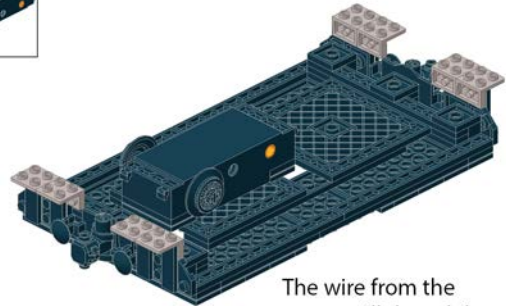
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21

9



The wire from the
motor will thread through
the opening between
the baseplates.

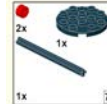
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23

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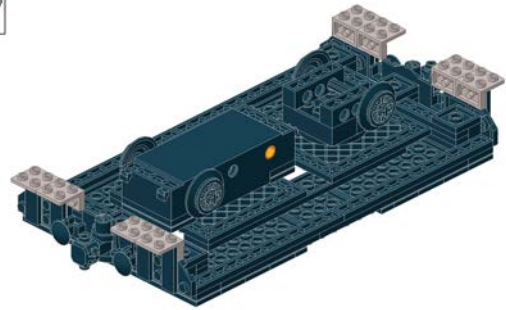
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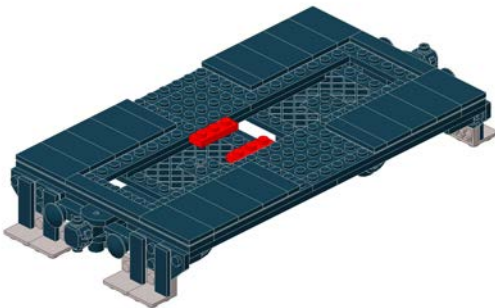
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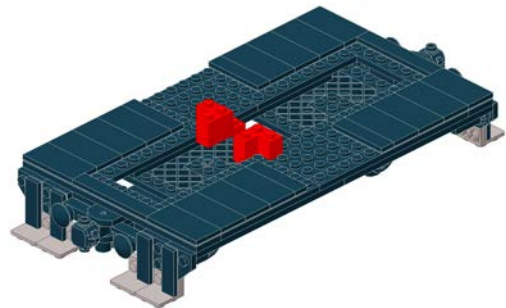
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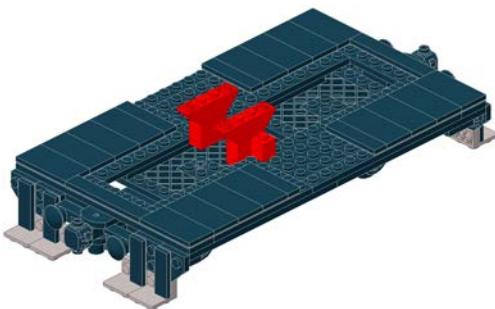
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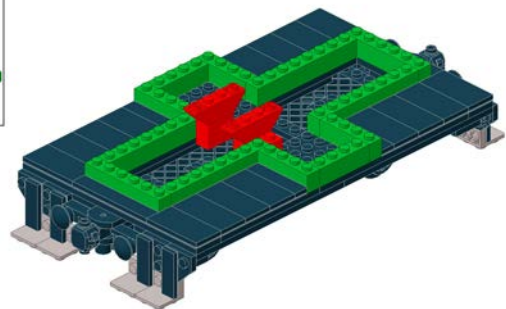
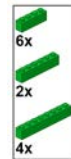
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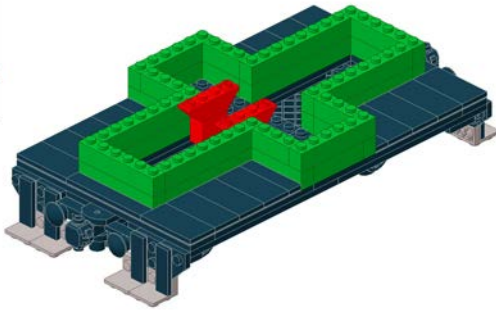
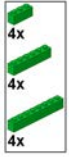
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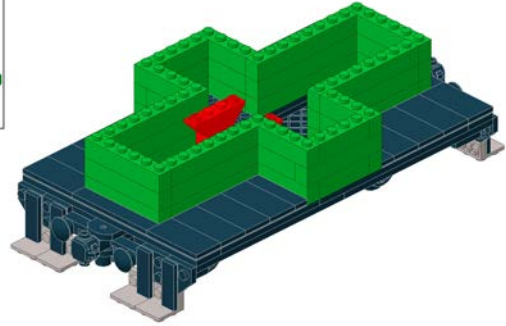
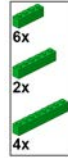


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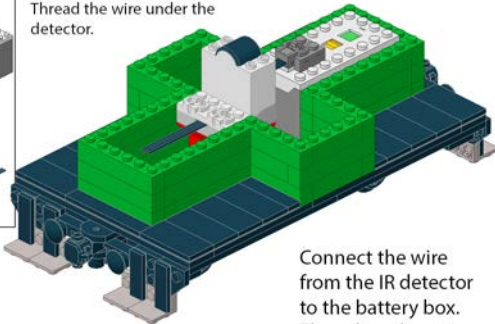
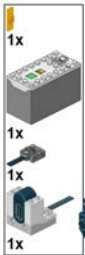


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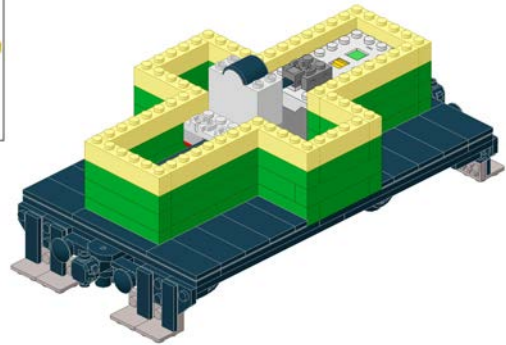
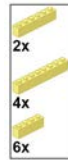
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Connect the wire from the train motor to either of the IR detector connections. Thread the wire under the detector.



Connect the wire from the IR detector to the battery box. Threading the wire under the detector.

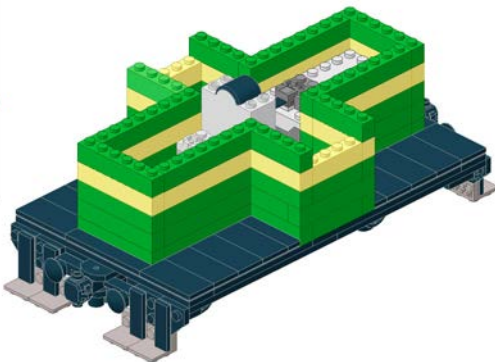
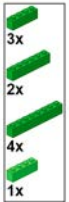
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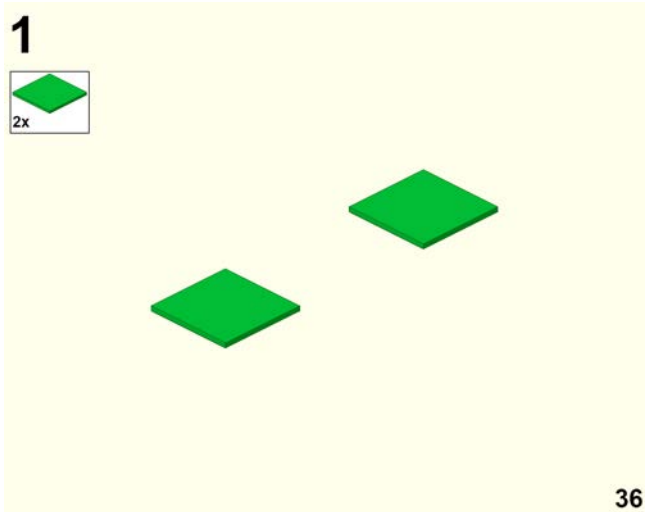
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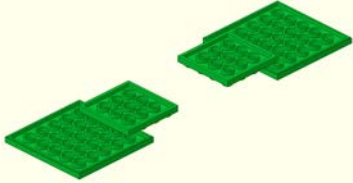
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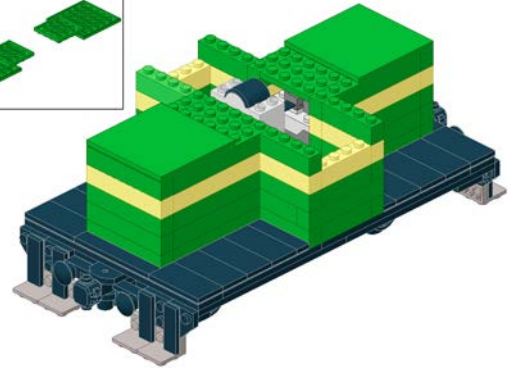
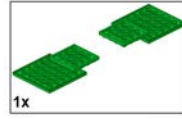
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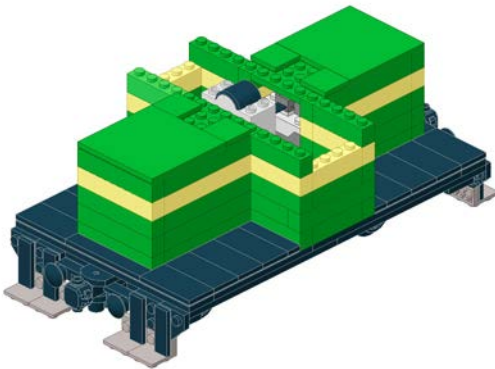
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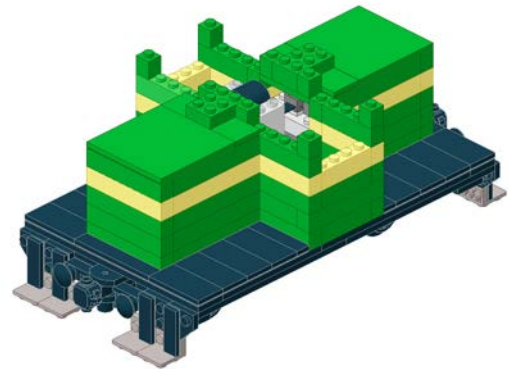
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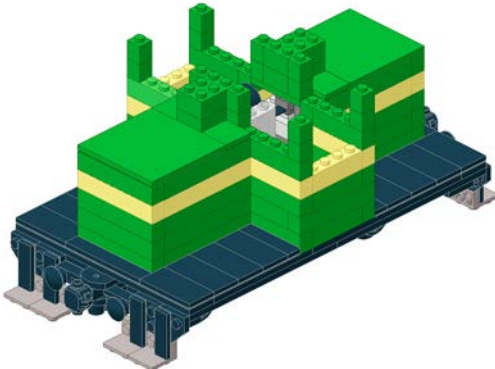
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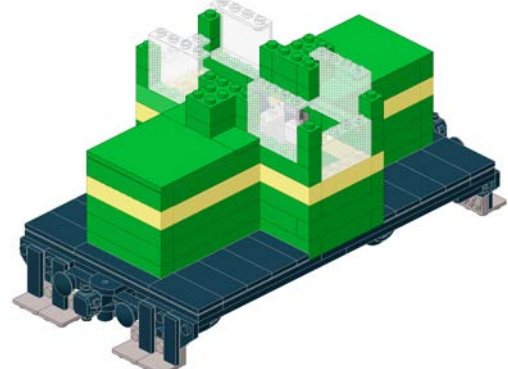
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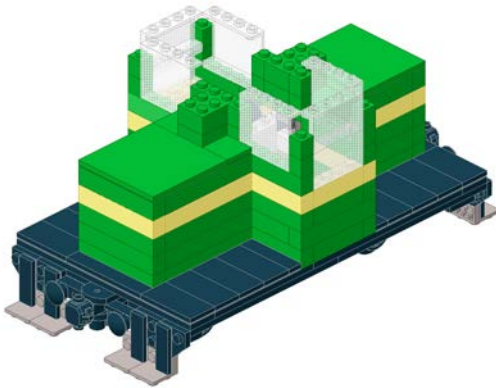
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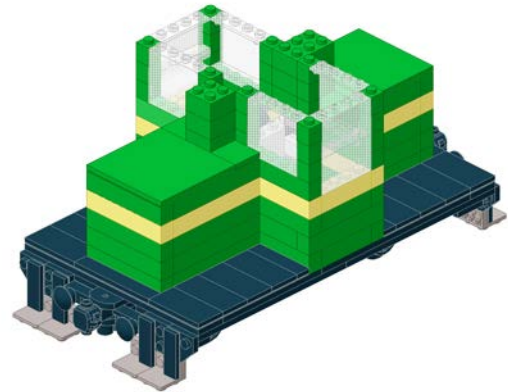
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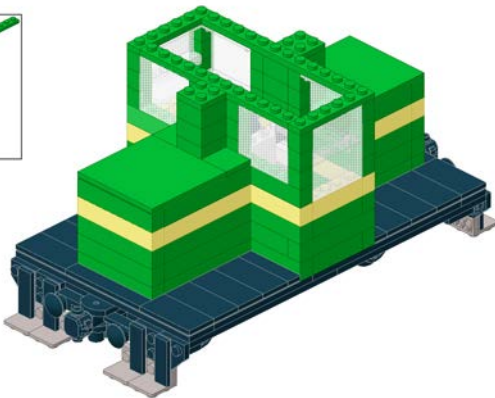
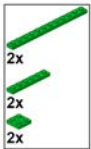
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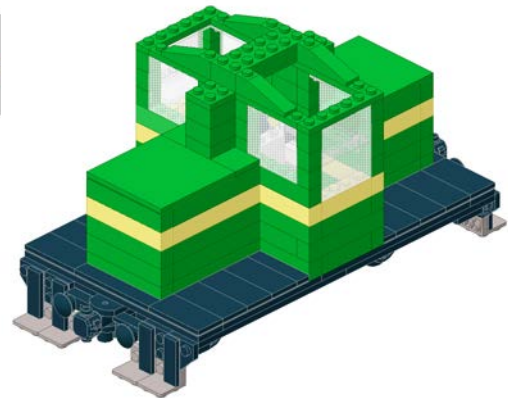
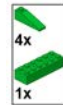
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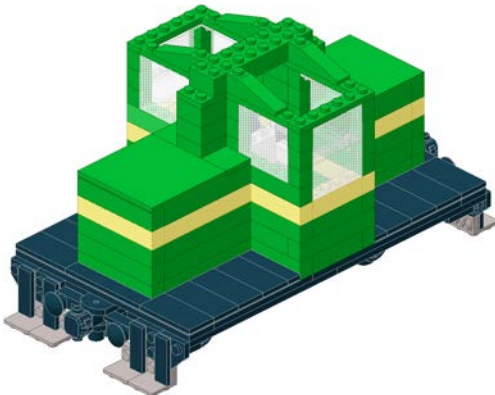
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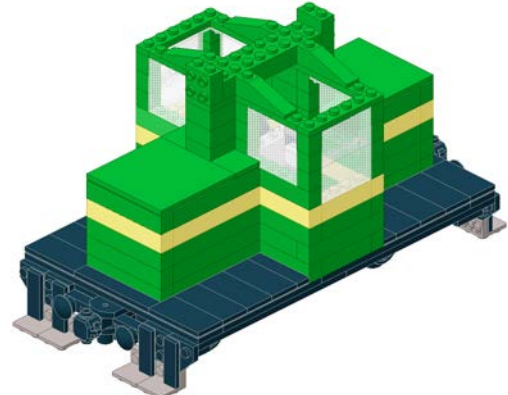
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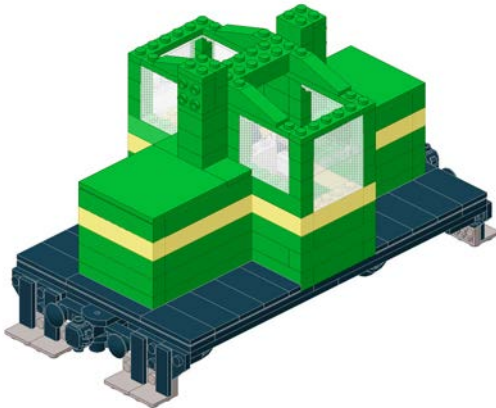
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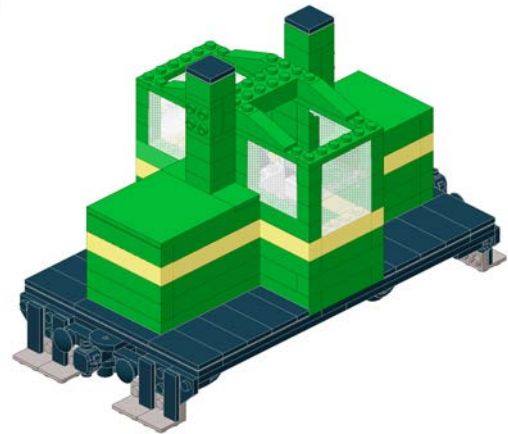
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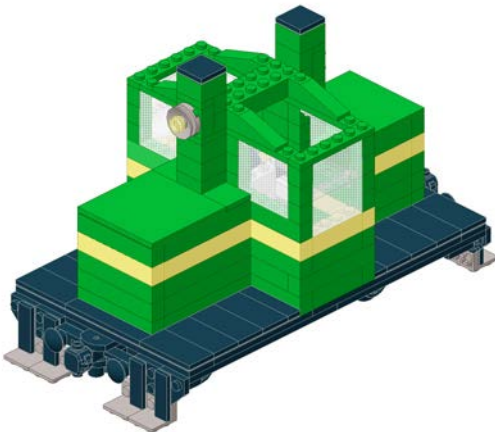
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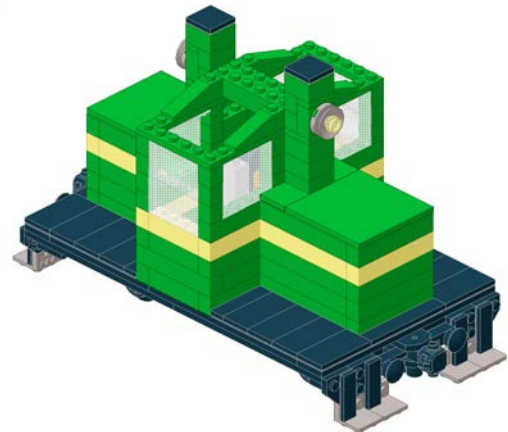
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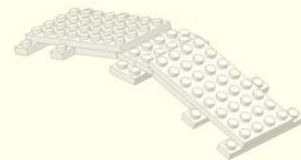
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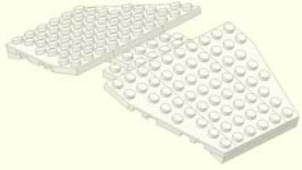
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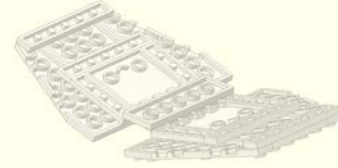
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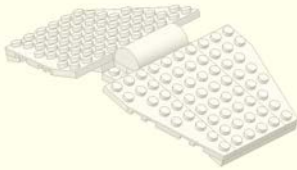
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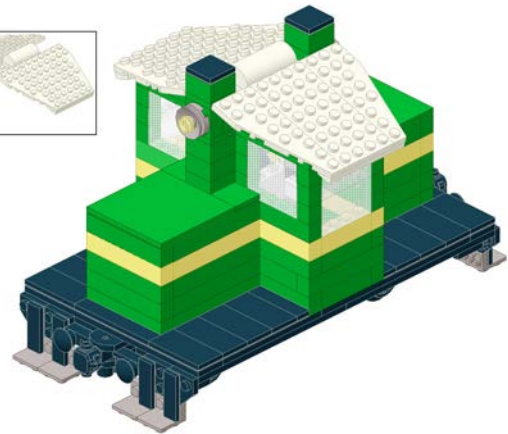
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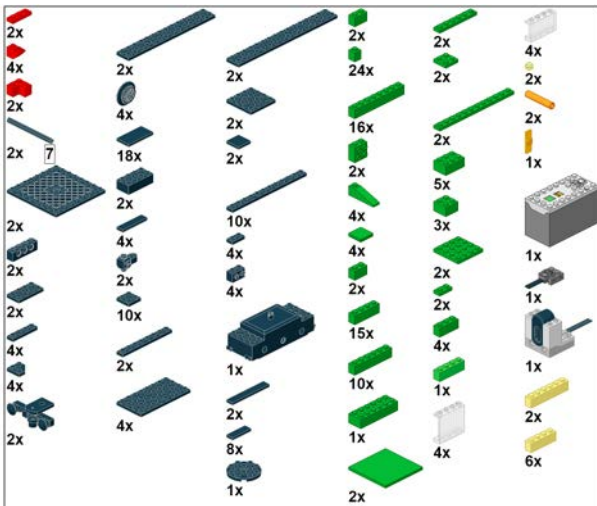


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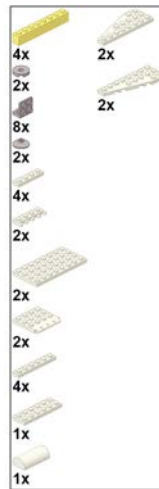
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58



59



60