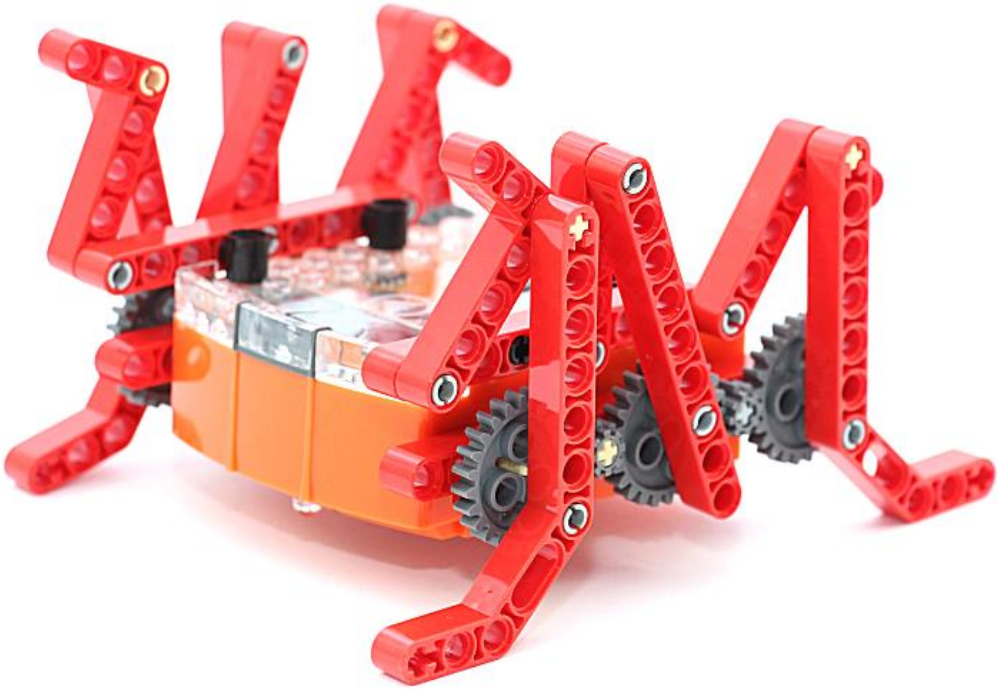
Edison

fun robotics for tomorrow's inventors!

EdAnt

EdEngineering – Pack 1

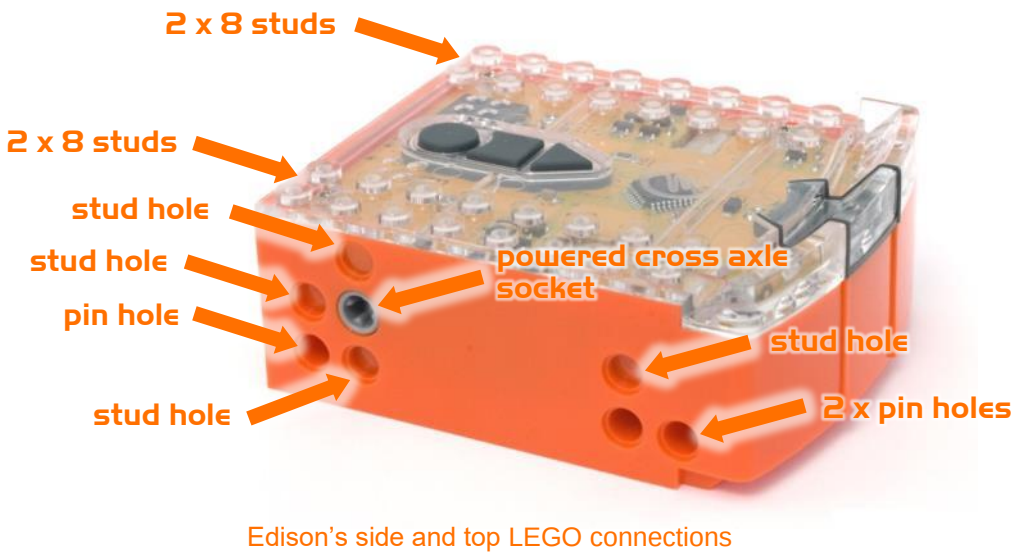


Available from

MyBrick.com.au

Edison and LEGO compatibility

LEGO bricks can be attached to the top and bottom of the Edison robot and LEGO pegs can be attached on the sides. There are three types of holes on the side of Edison:



Edison's side and top LEGO connections

Hole type	Description	Connects to
Pin hole	Full depth for connecting pegs	
Stud hole	Normal stud depth can be used for half pegs	
Cross axle	Powered output that rotates	

Edison's bottom and wheel LEGO connections

Program Edison for EdAnt

Edison will control the movement of the EdAnt (forwards, backwards, turn left and turn right). Drive this Edison over the following barcodes. Use buttons that correspond well with the driving manoeuvres on the remote control

Reading the barcode

1. Place Edison facing the barcode on the right side
2. Press the record (round) button 3 times
3. Edison will drive forward and scan the barcode
4. Press a button on your TV/DVD remote that you want to activate that function

Barcode – IR learn drive forward

Barcode – IR learn drive backward

Barcode – IR learn spin right

Barcode – IR learn spin left

EdAnt Parts

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

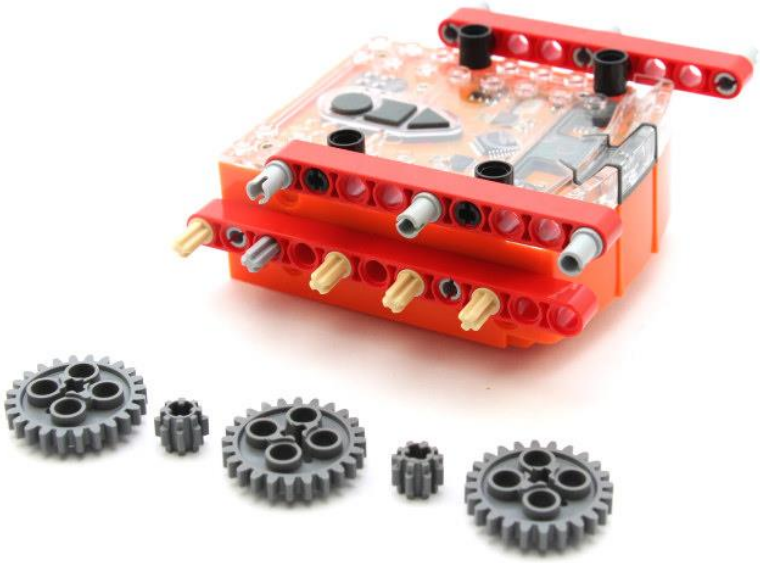
Step 9

Step 10

Step 11

Step 12

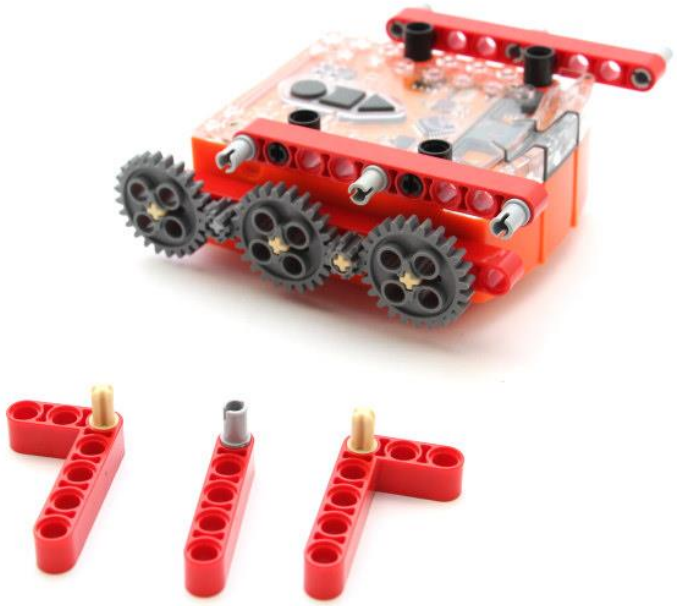
Step 13



Step 14

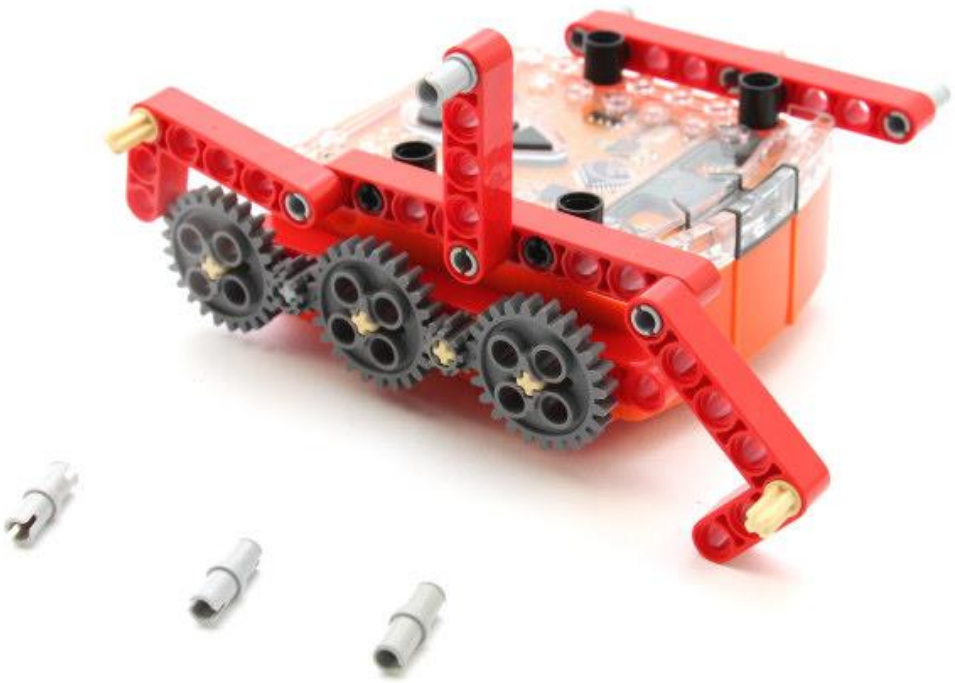
Step 15

Step 16



Step 17

Step 18



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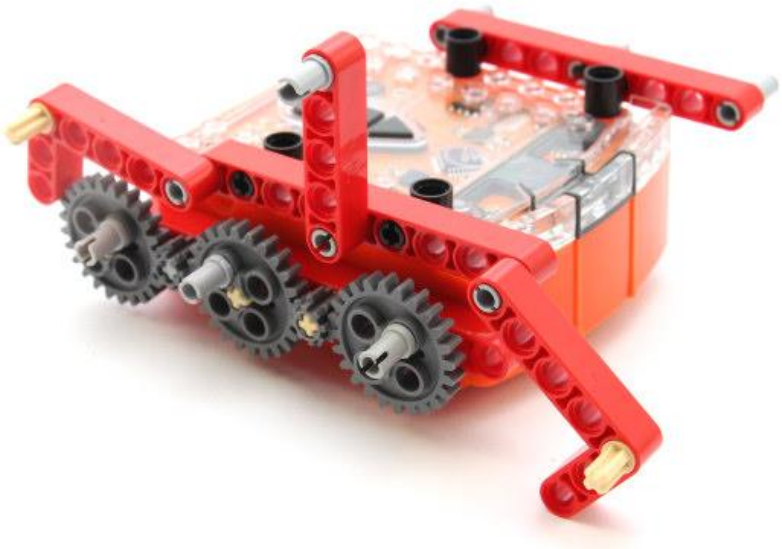
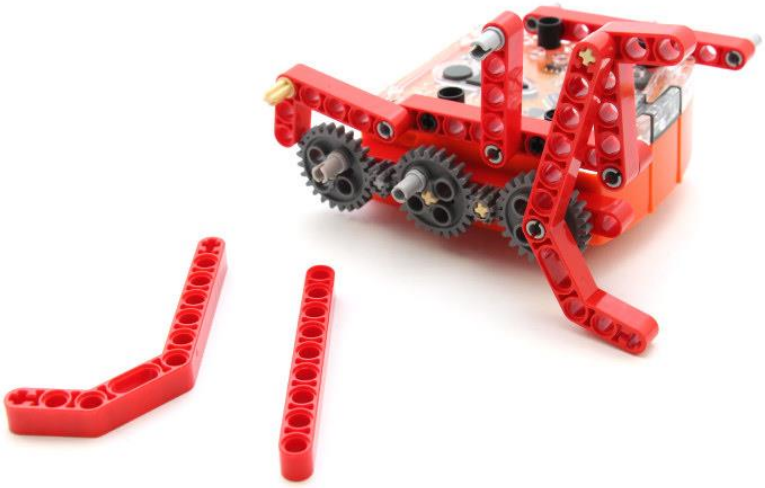


Step 20

Step 21



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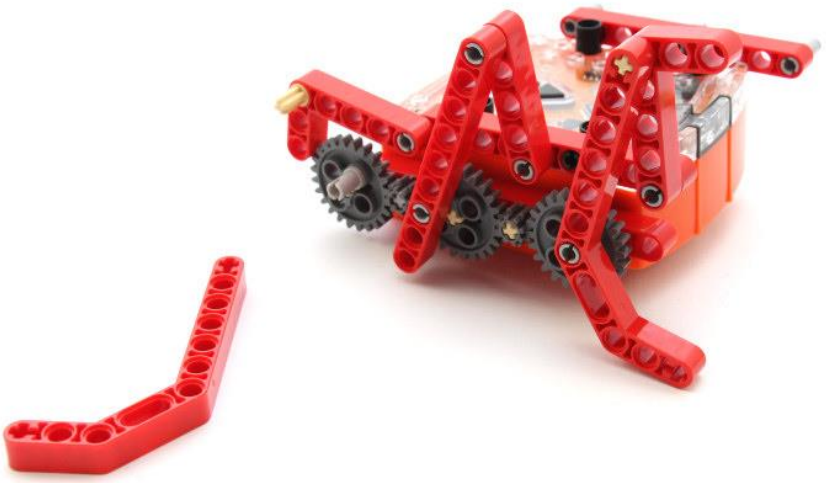
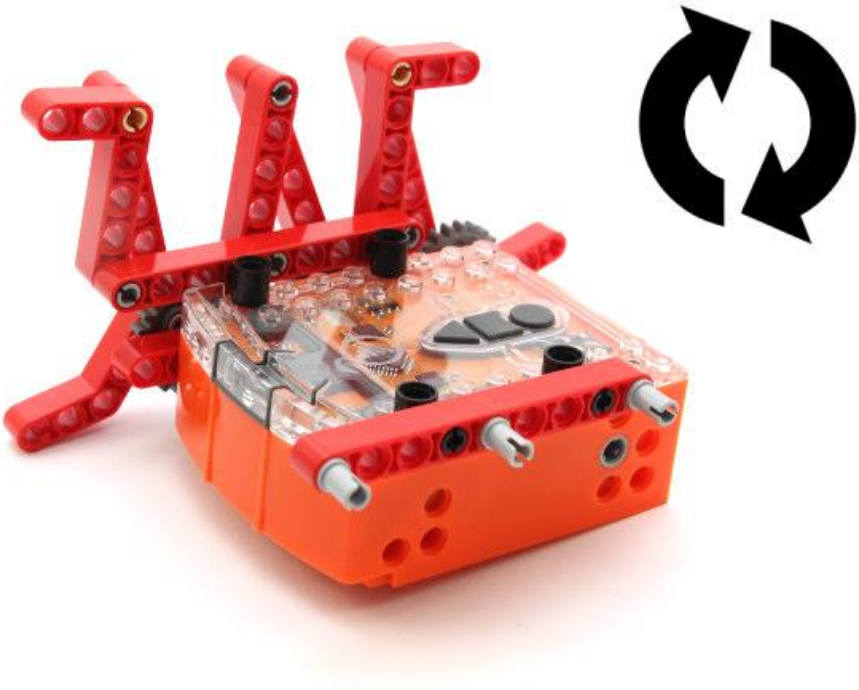


Step 23

Step 24



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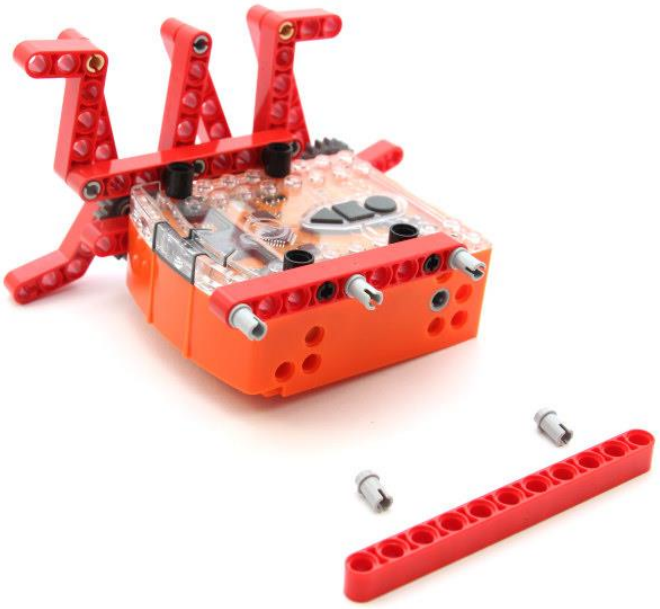

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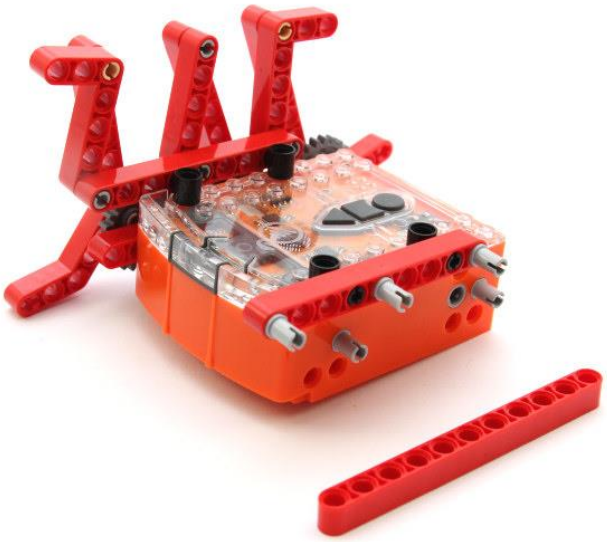

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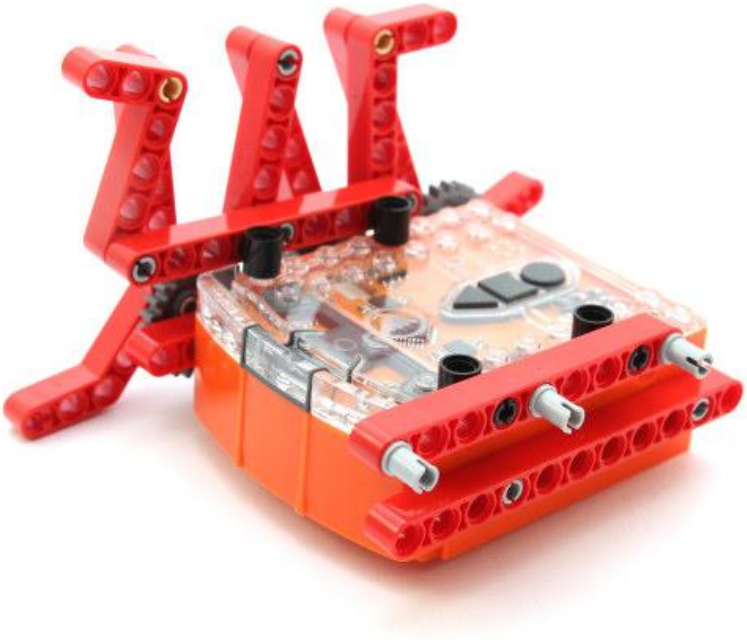

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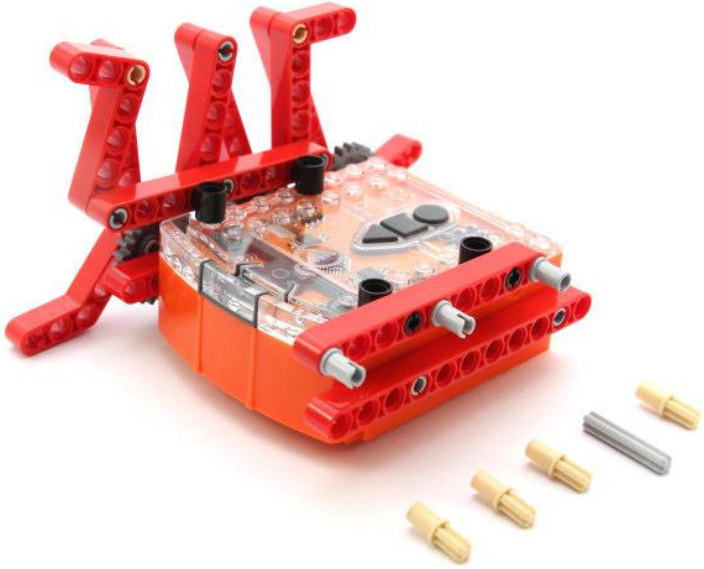

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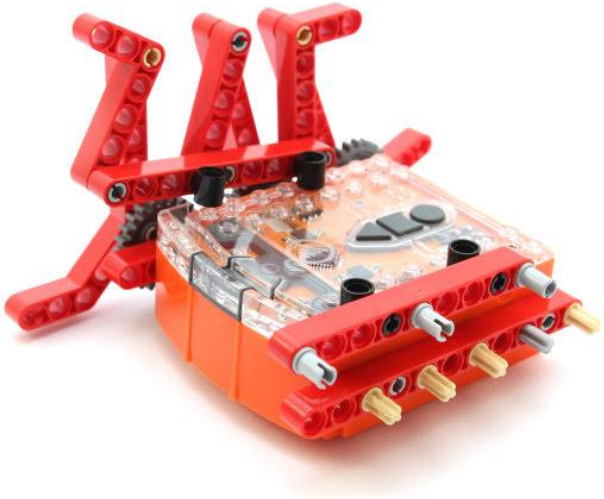

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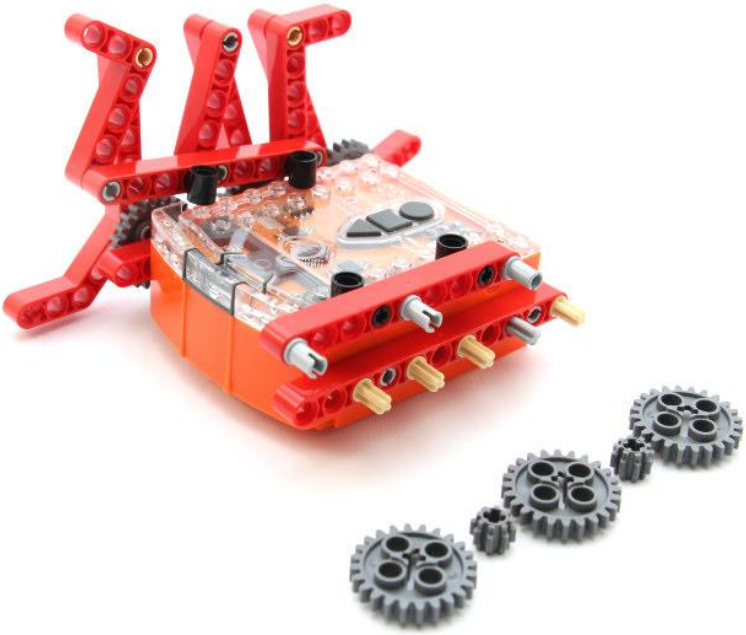

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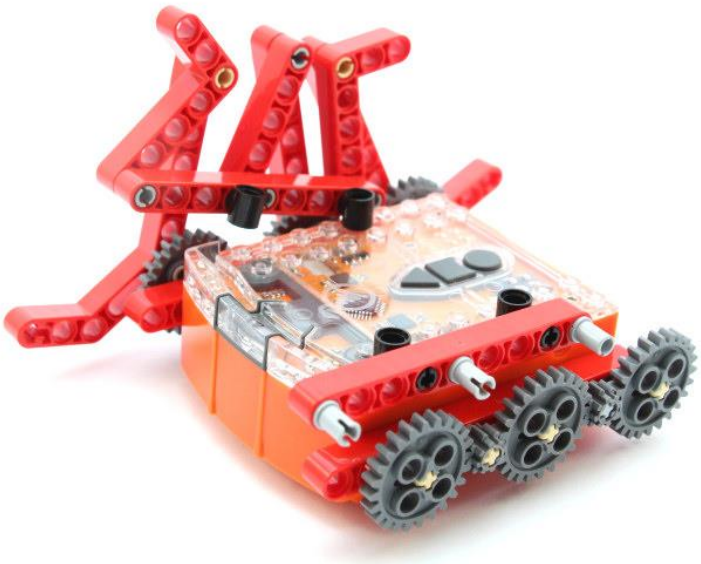

Step 32

Step 33

Step 34

Step 35