2

4

4

8 9 1

4

8

2

4

14
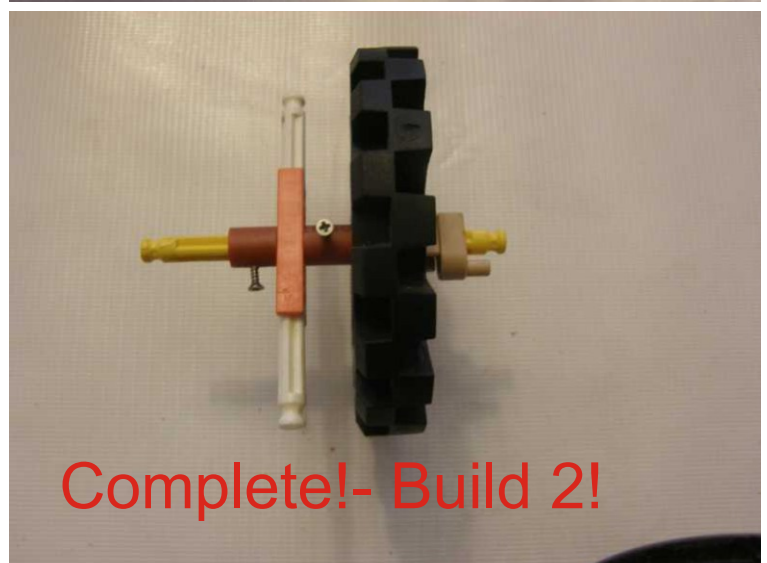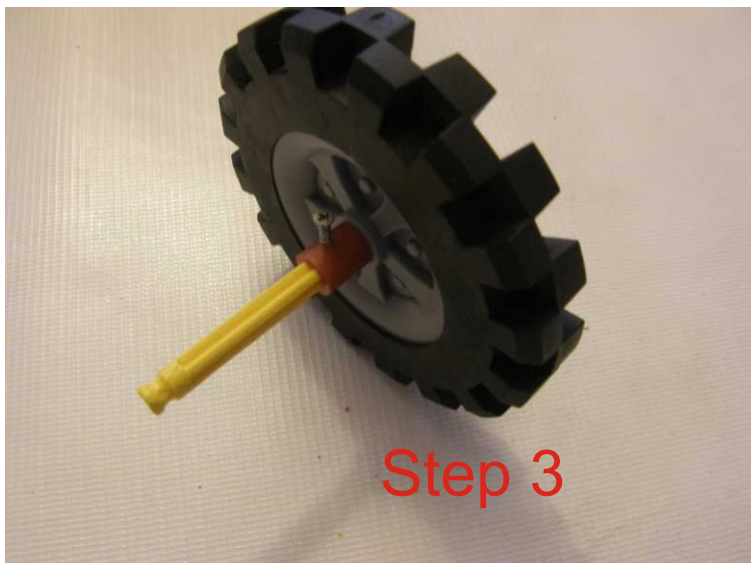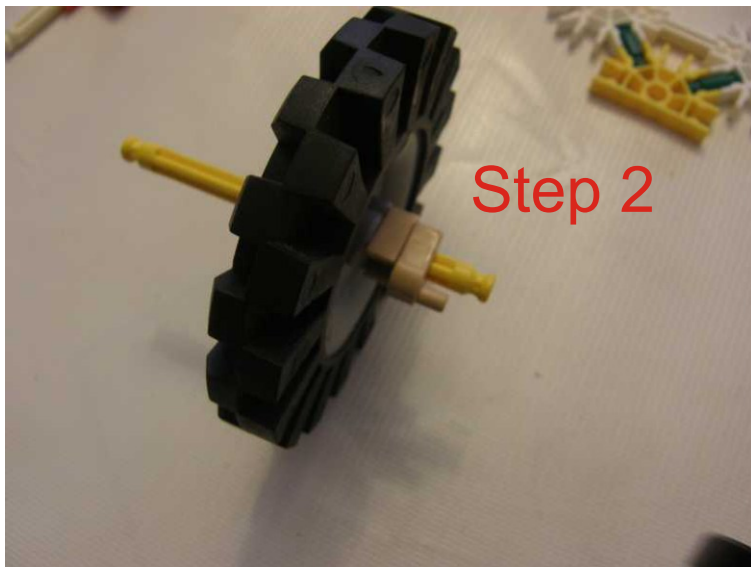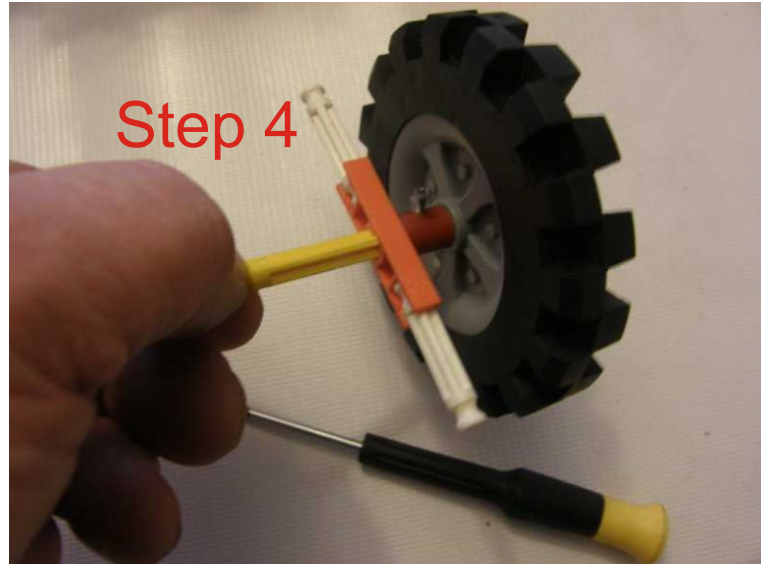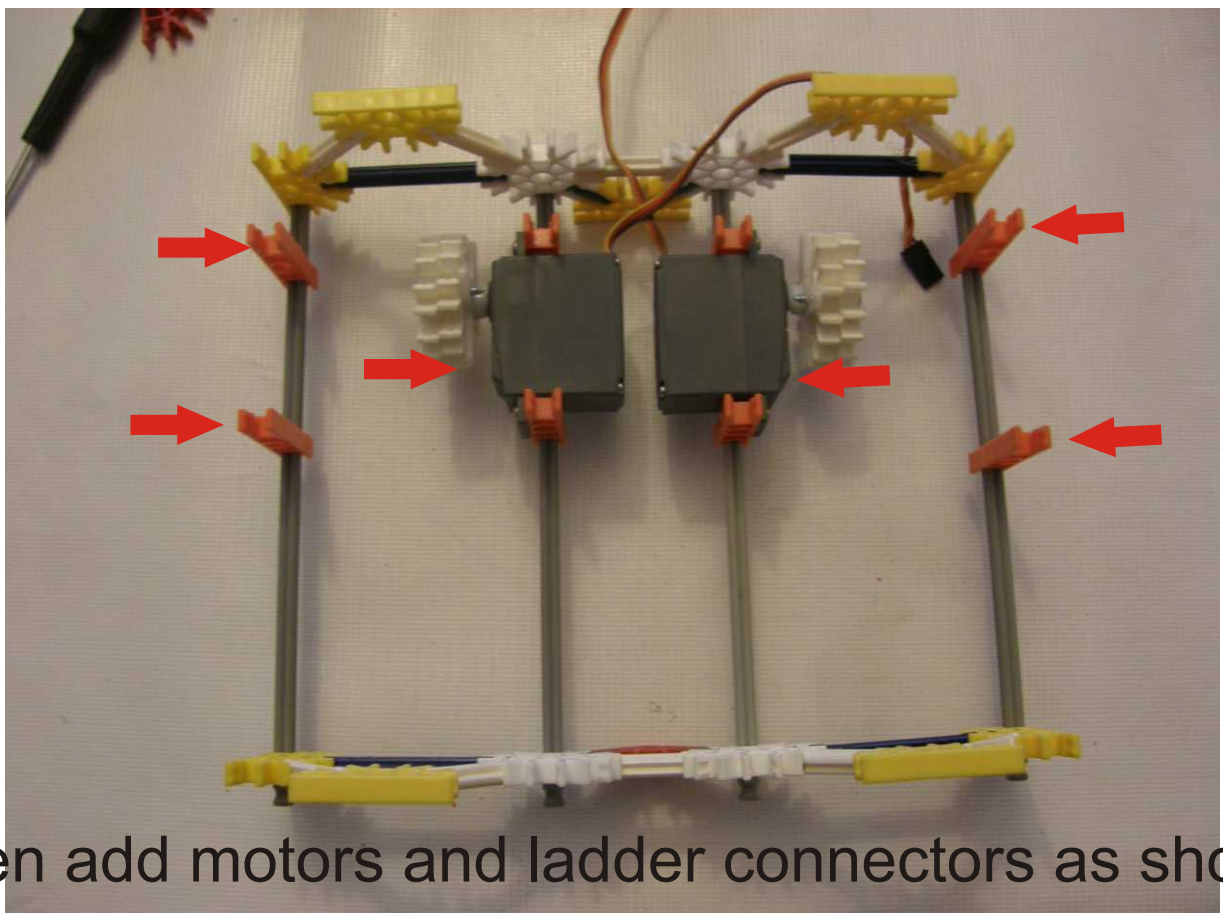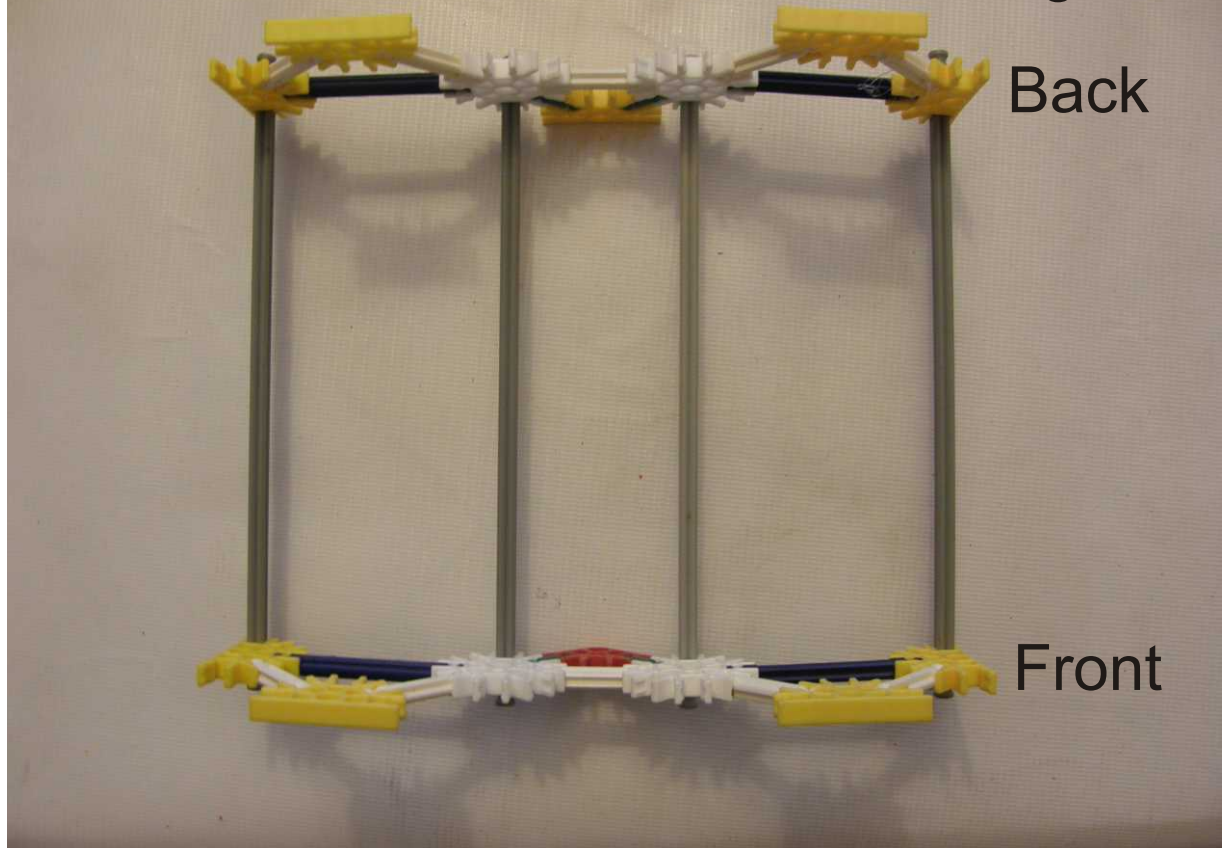
4

1 2

Assemble 1 of these (front)

Assemble 1 of these (back)
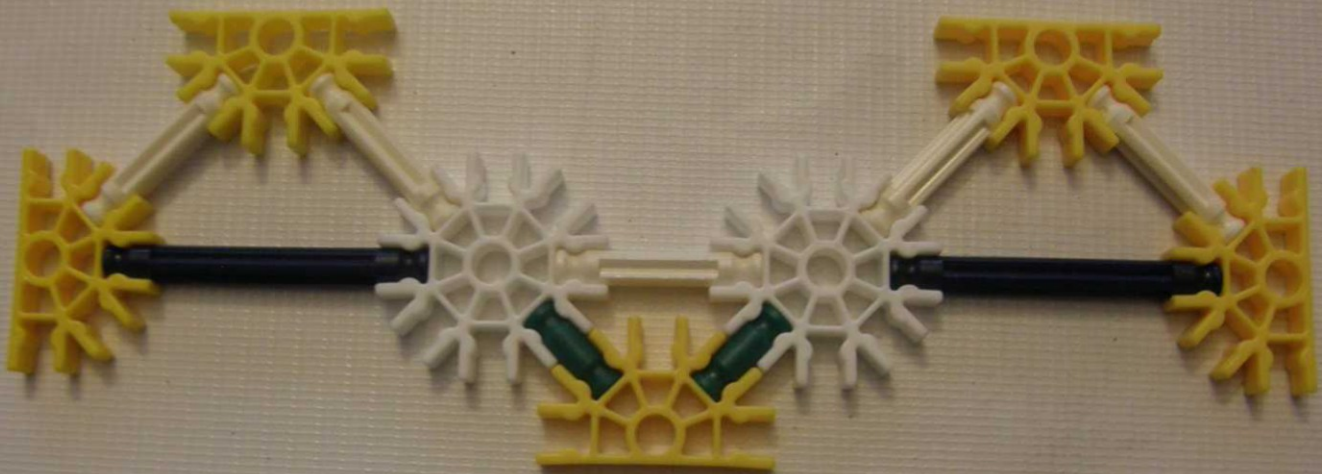
Build 2 axle/wheel assemblies

Step 1

Step 4
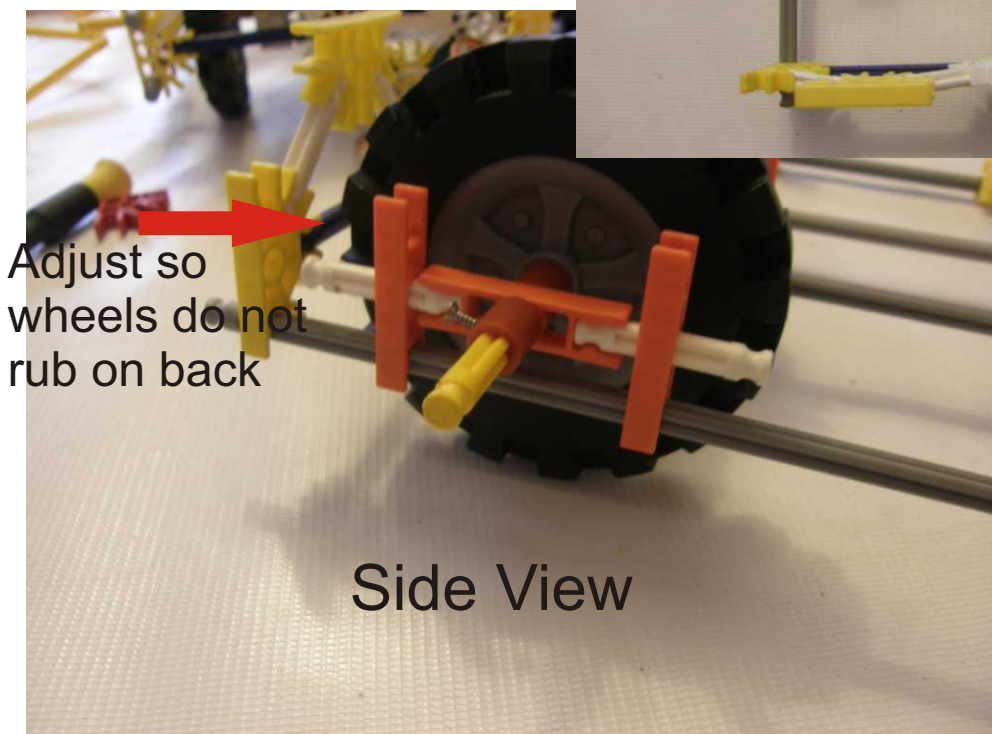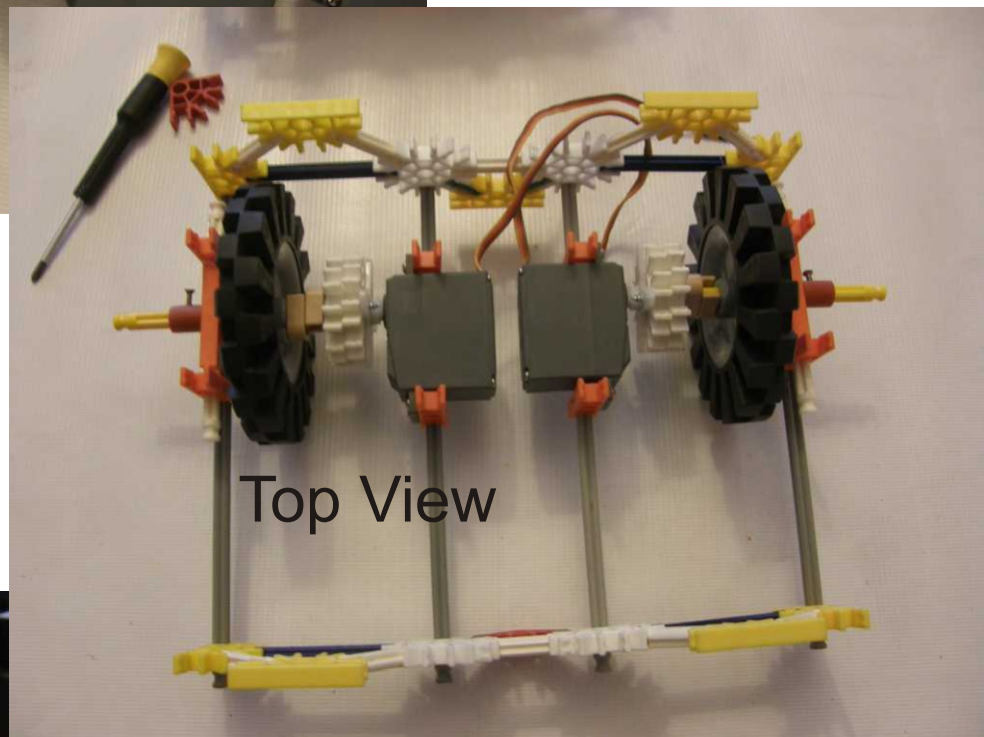
Step 2

Step 5
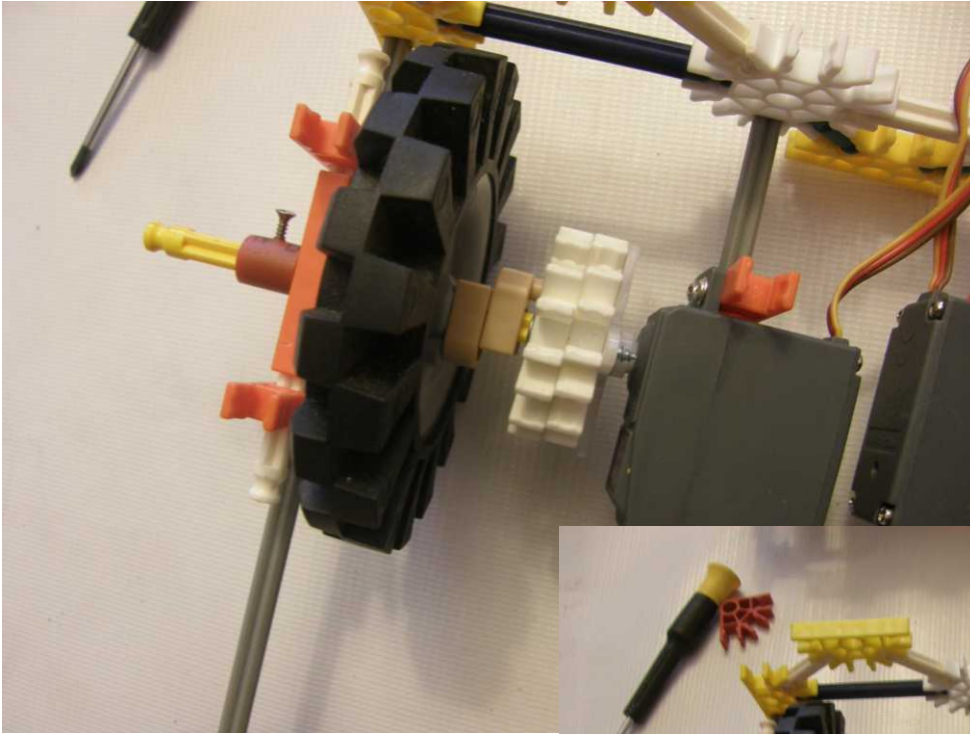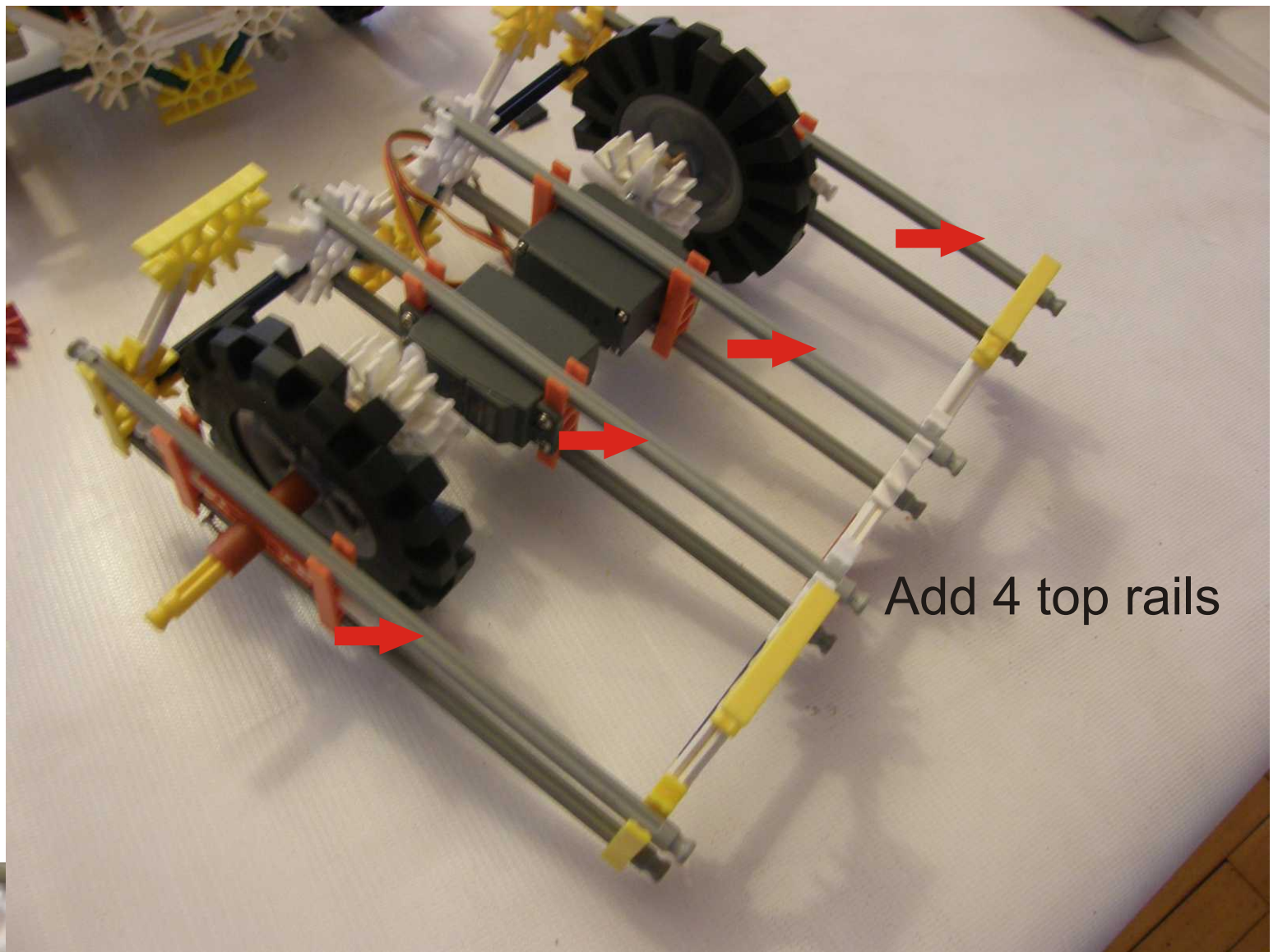Be sure to tighten shaft collars

Step 3

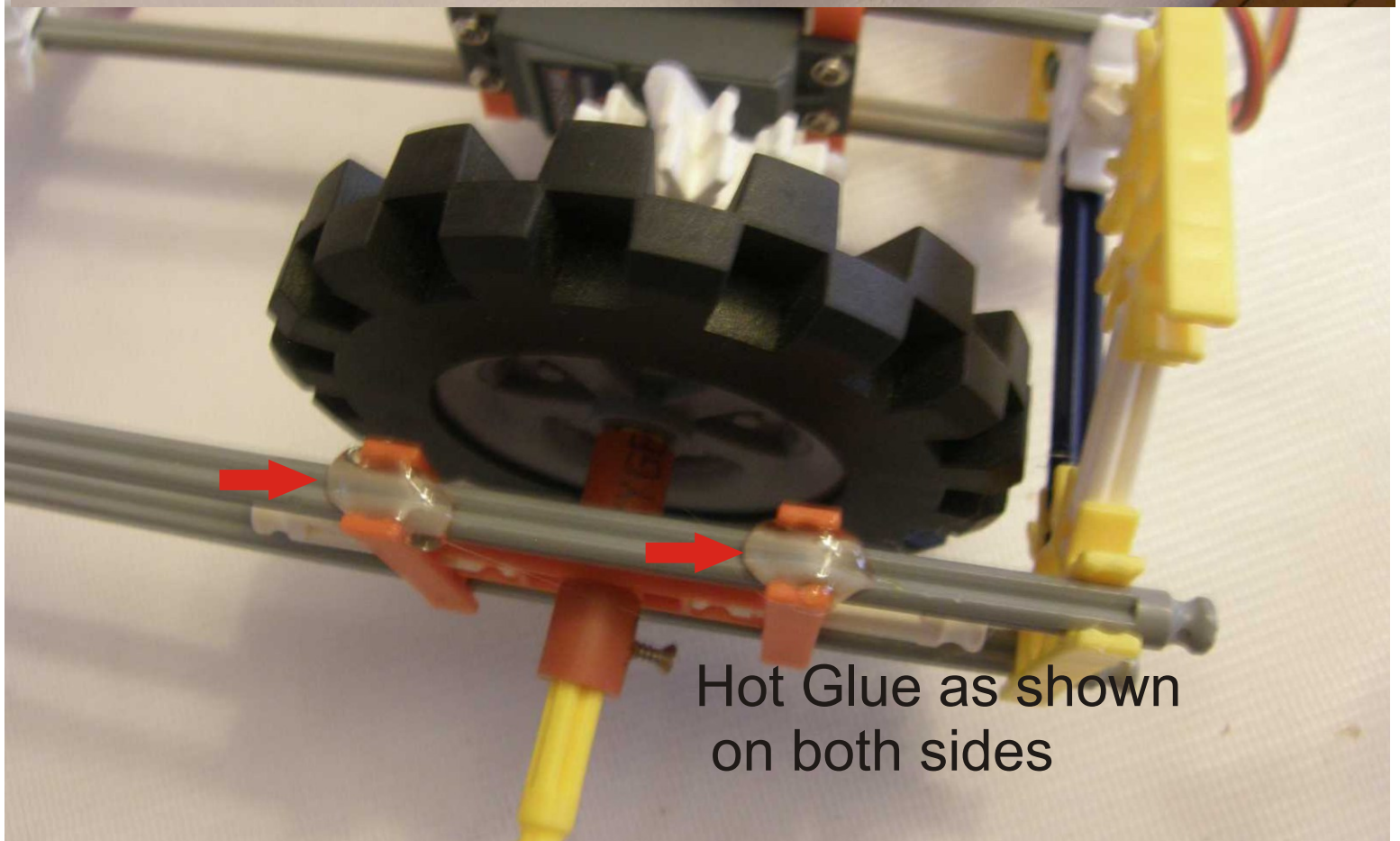Complete!- Build 2!

Assemble base as shown with 4 long rods

Back

Front

Then add motors and ladder connectors as shown

Add wheel/ axle assembles as shown
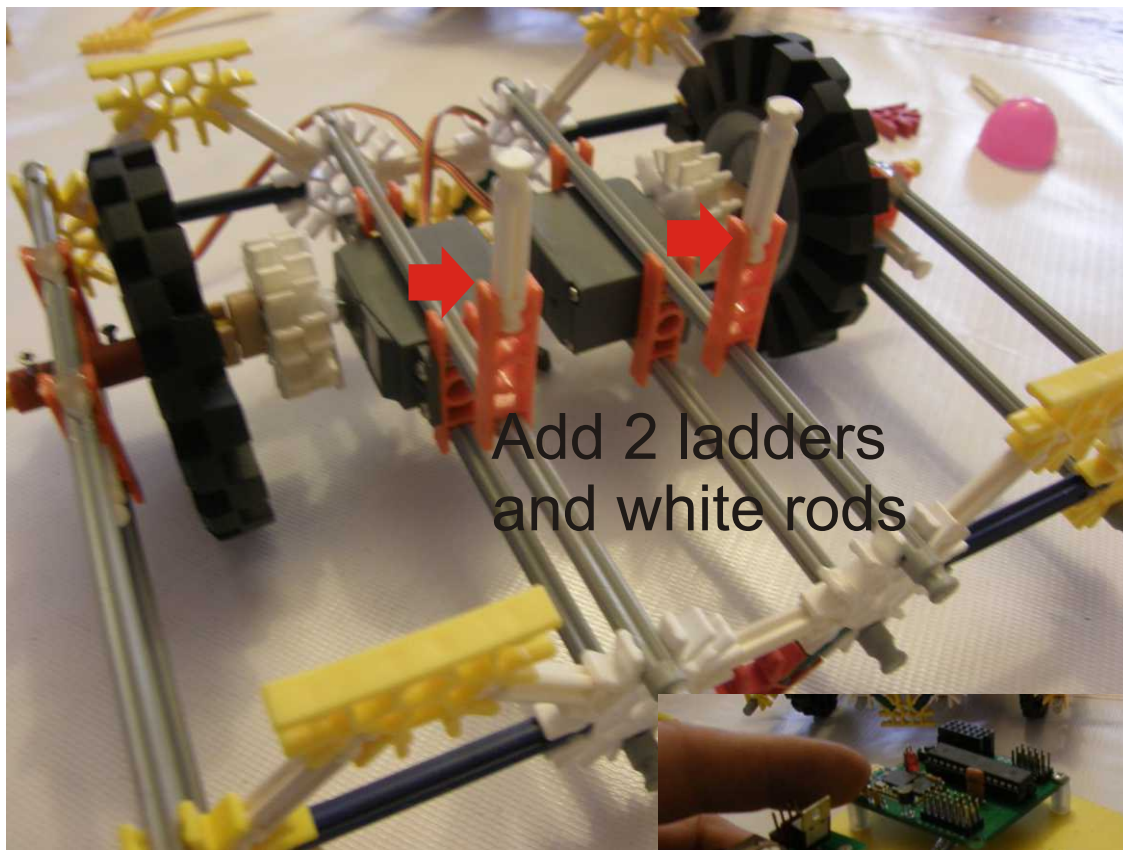
Top View

Side View
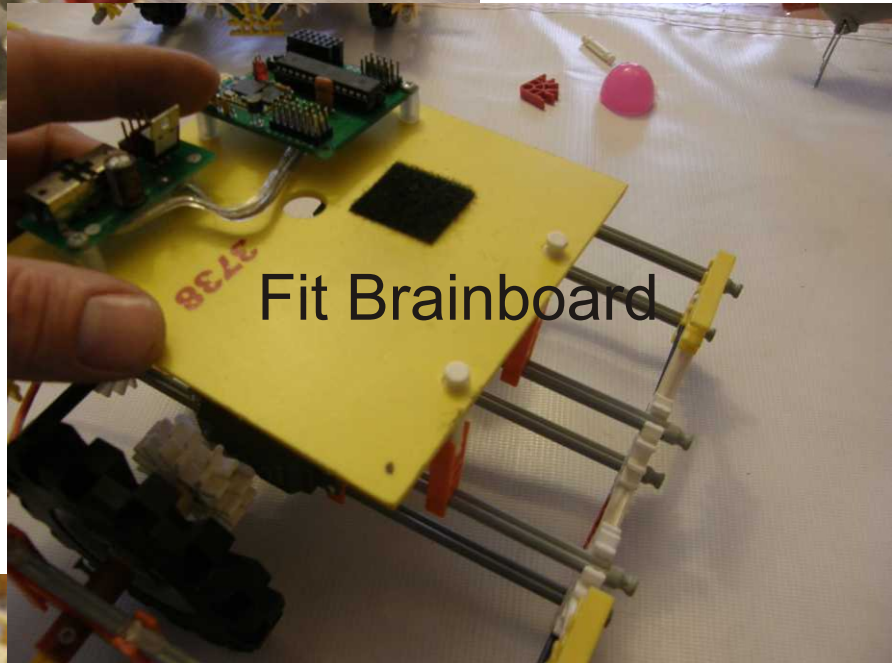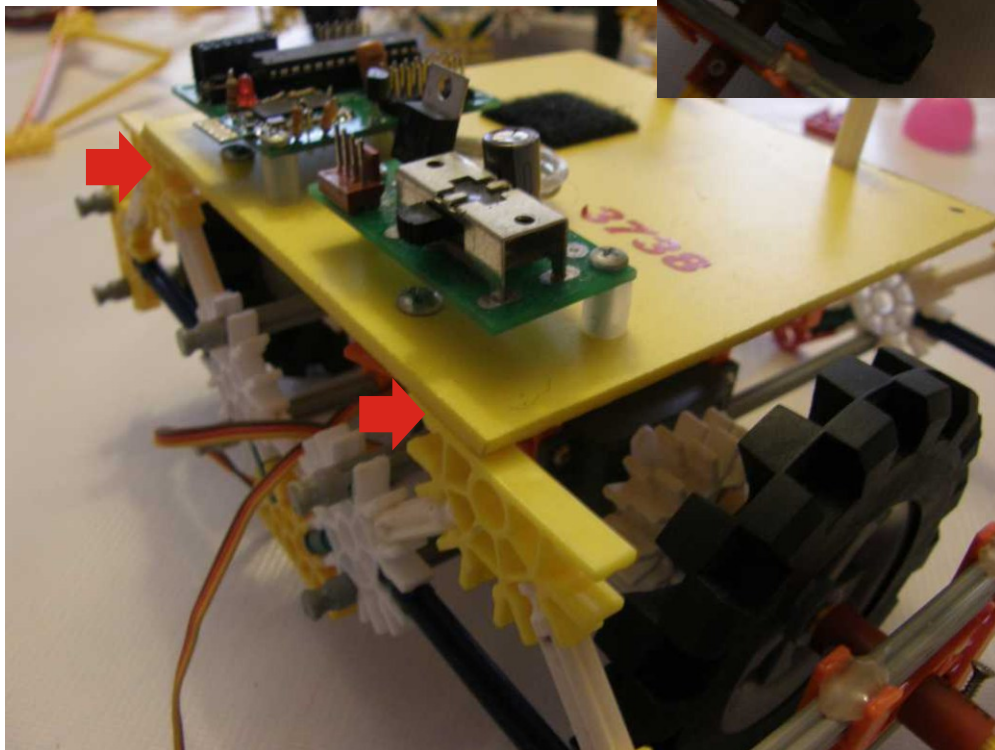
Adjust so wheels do not rub on back

Add 4 top rails

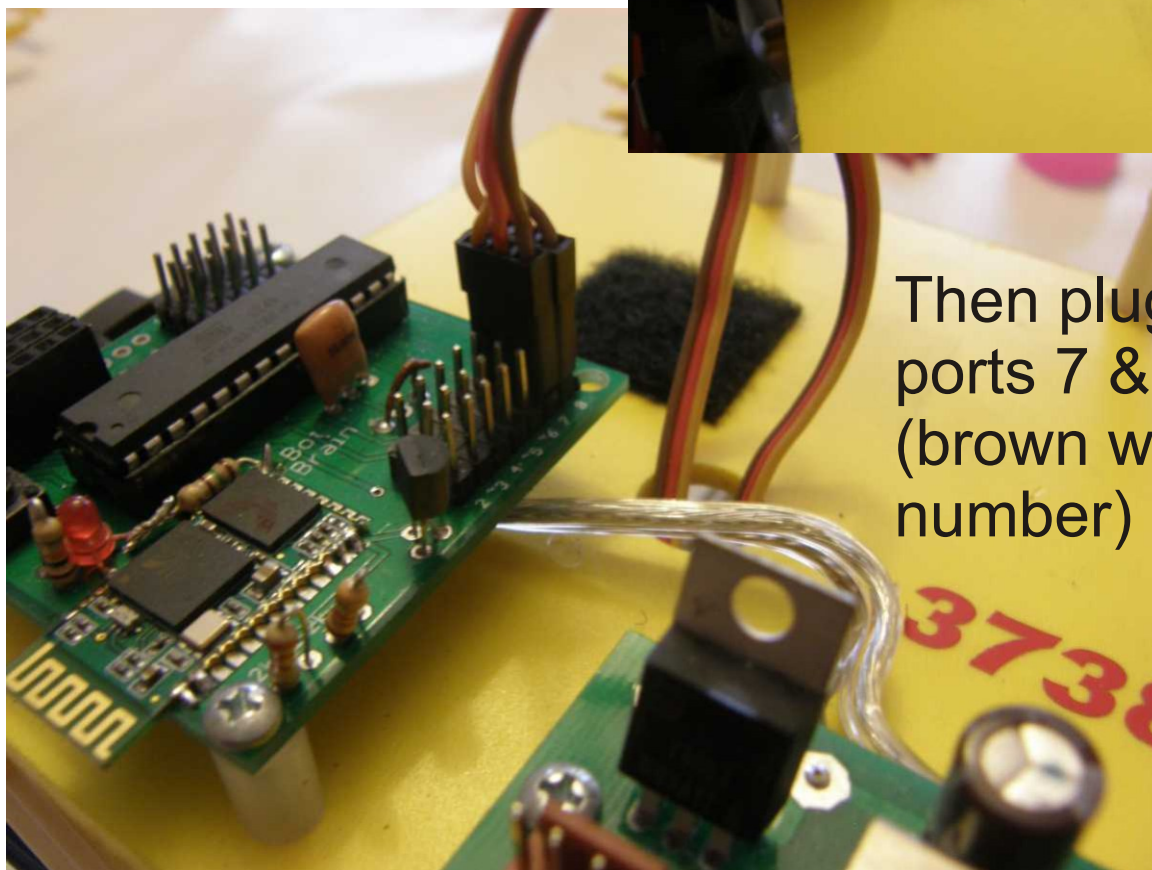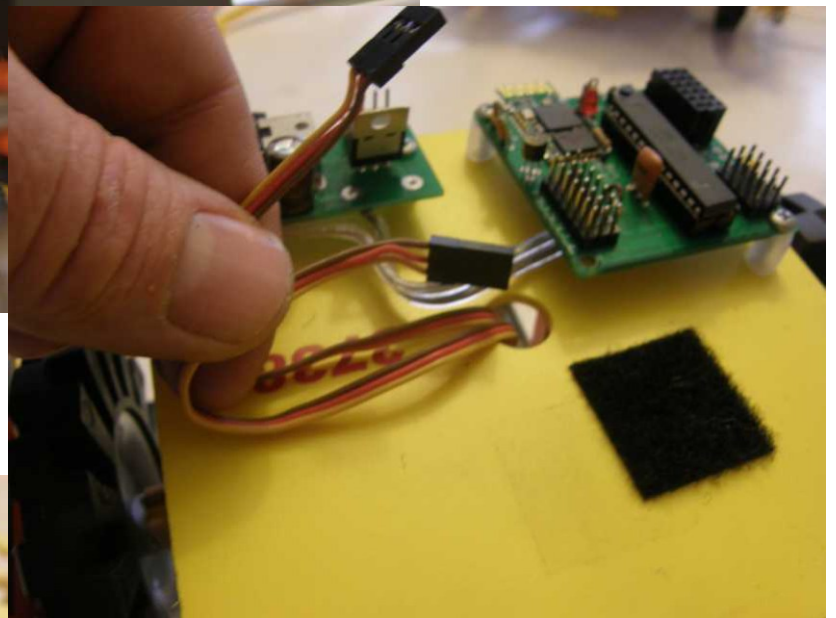Hot Glue as shown
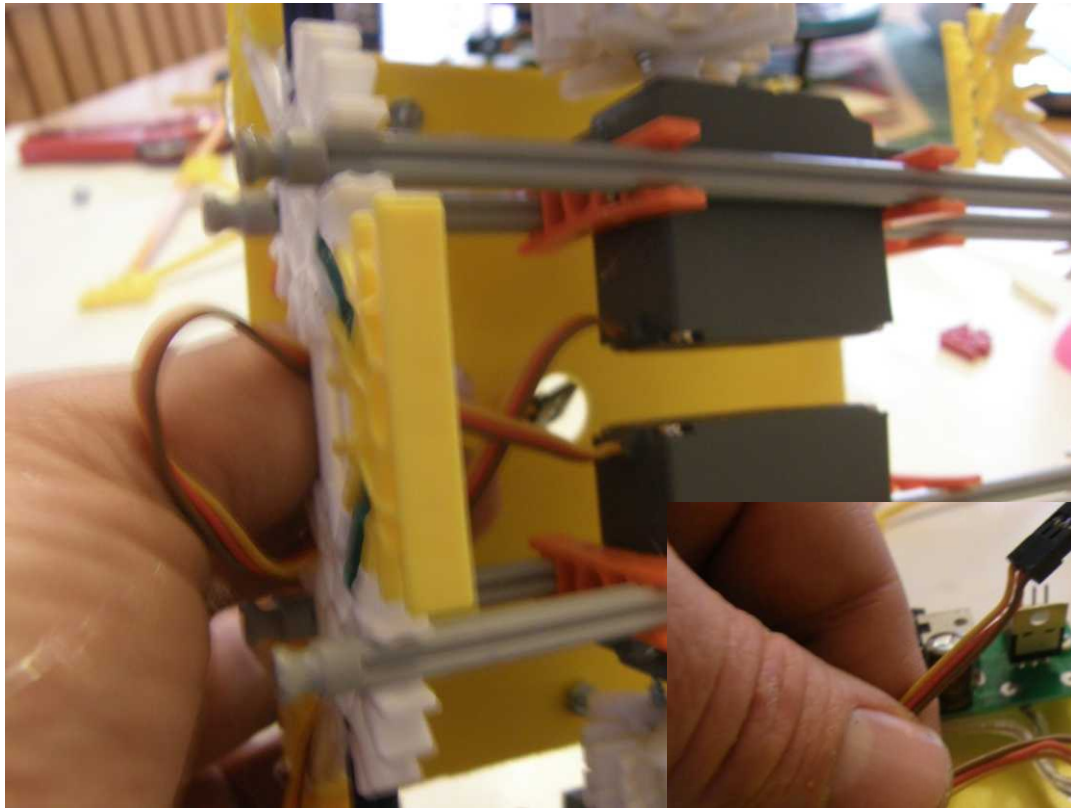on both sides

Add 2 ladders
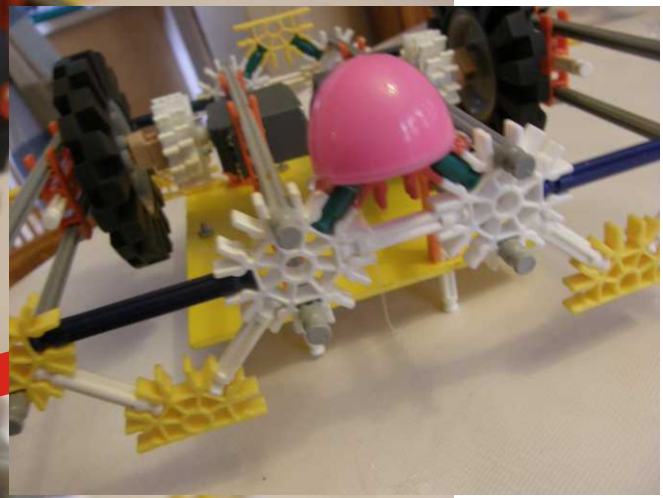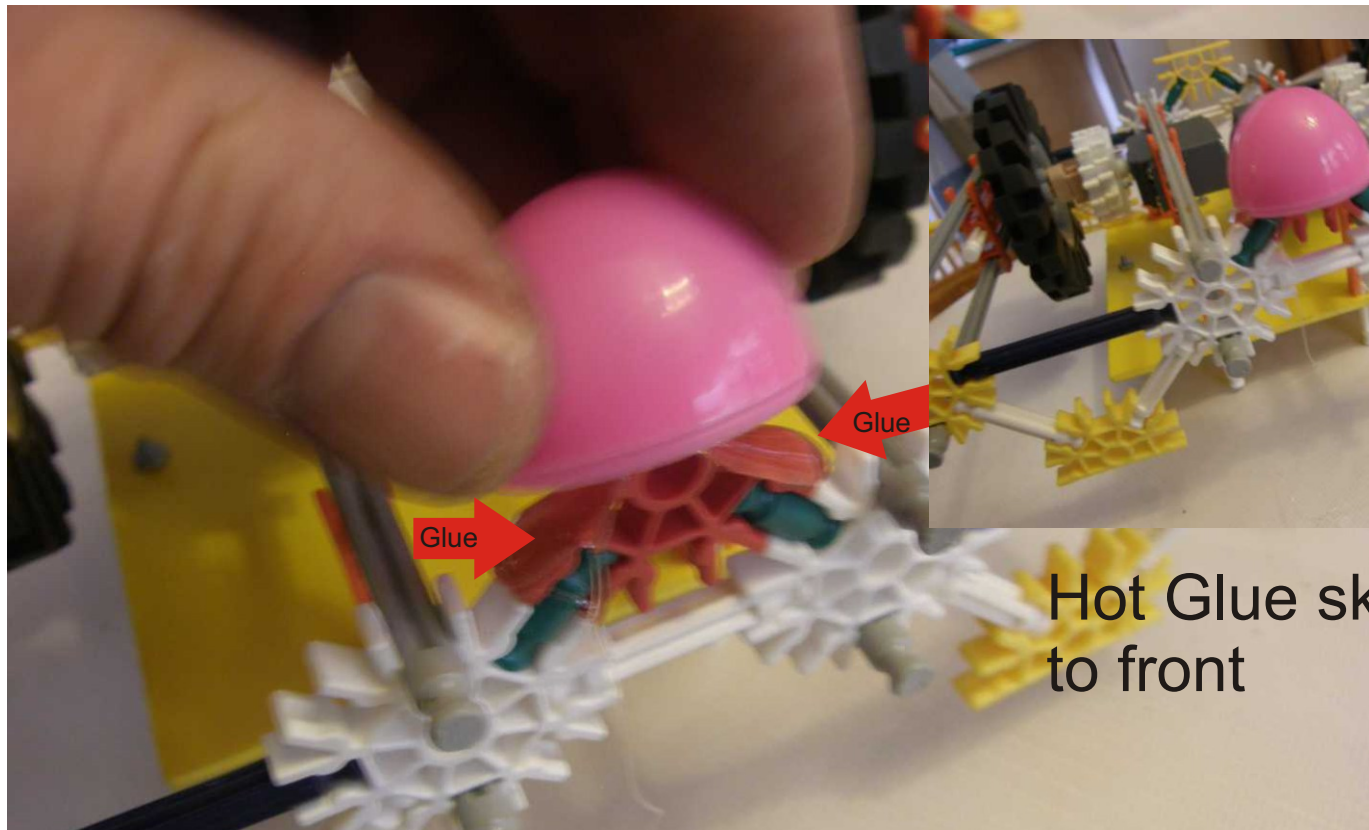and white rods

Fit Brainboard

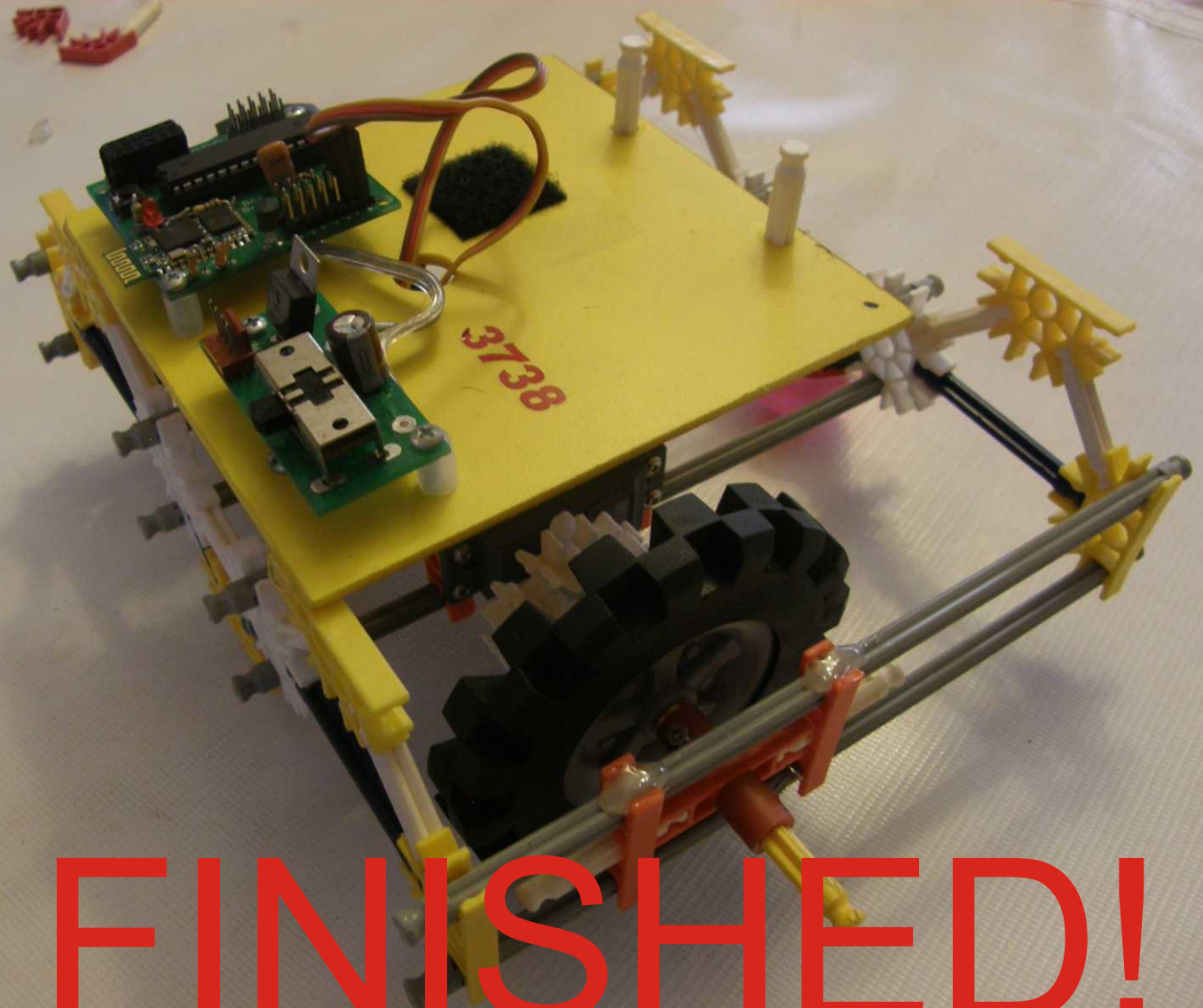Adjust Brainboard
To be flush with
back, then hot glue
in place

Feed motor wires through brainboard

Then plug into ports 7 & 8 (brown wire towards number)

Glue

Glue

Hot Glue skid plate to front

FINISHED!