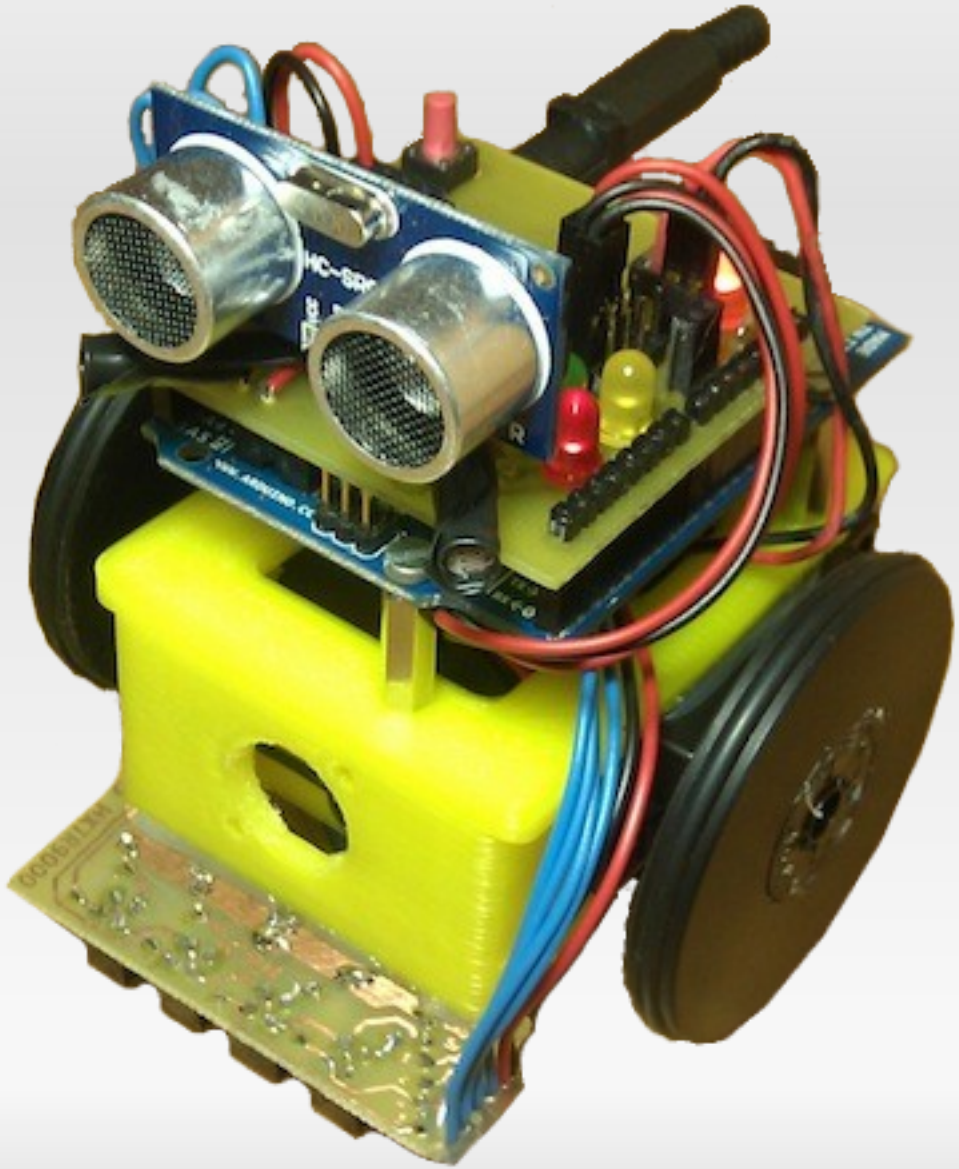
Lesson 2 – Robot assembly

ArduSkyBot 2012 Summer Workshop

Today you will learn:

- **Components of our robot**
- How to **build the ArduSkyBot!**
- Simple **programming examples**
- You will program **your own sequences!**



Organized by: Carlos García Saura

July-August 2012

ArduSkyBot's features

Push buttons

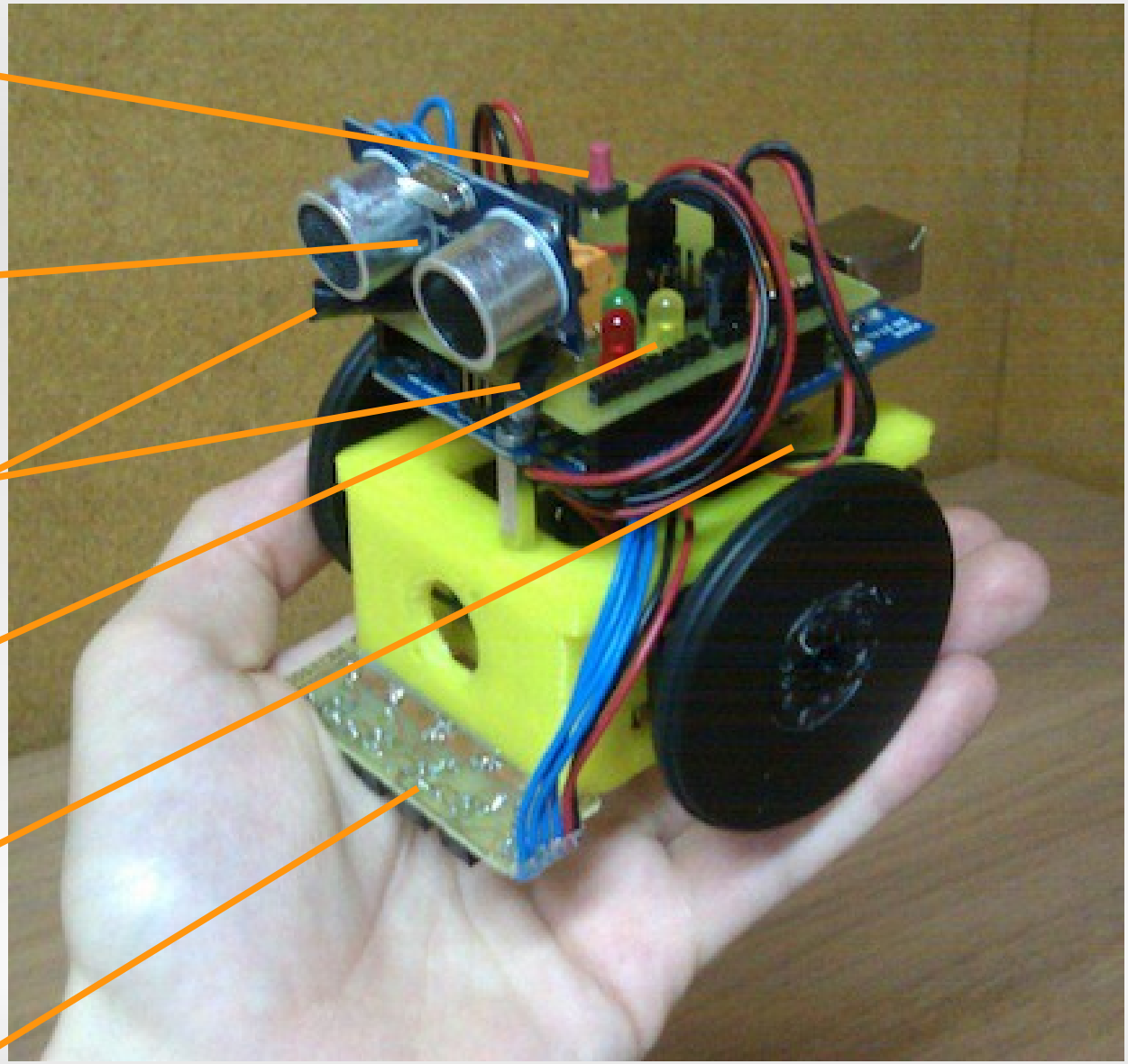
Frontal distance sensor

Two light sensors

Lots of LED lights

Speaker

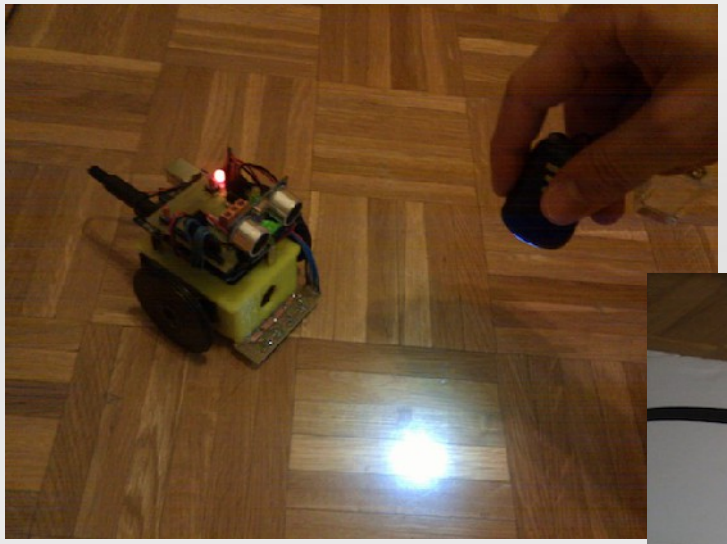
Line sensor

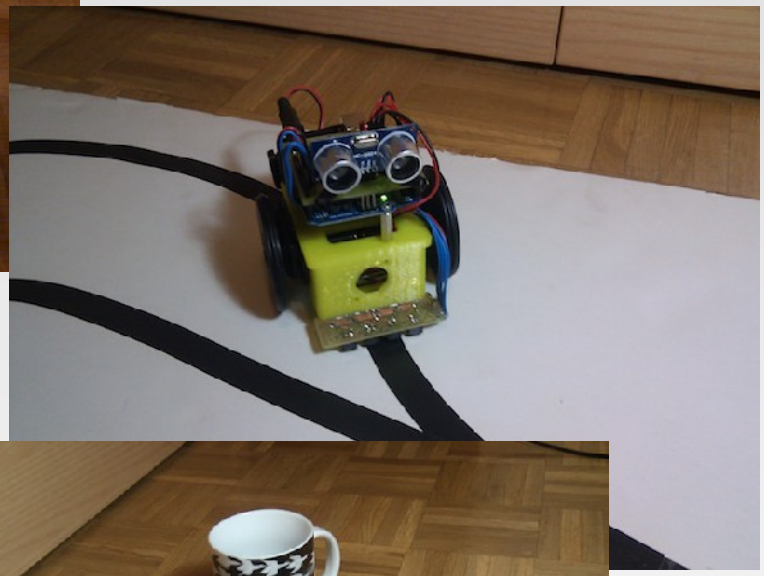


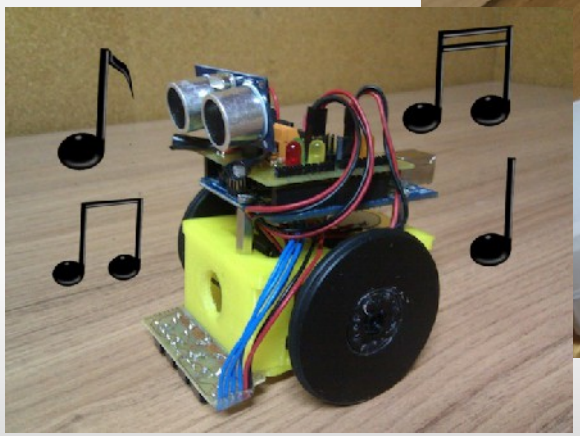
What can the ArduSkyBot do?

Some examples:

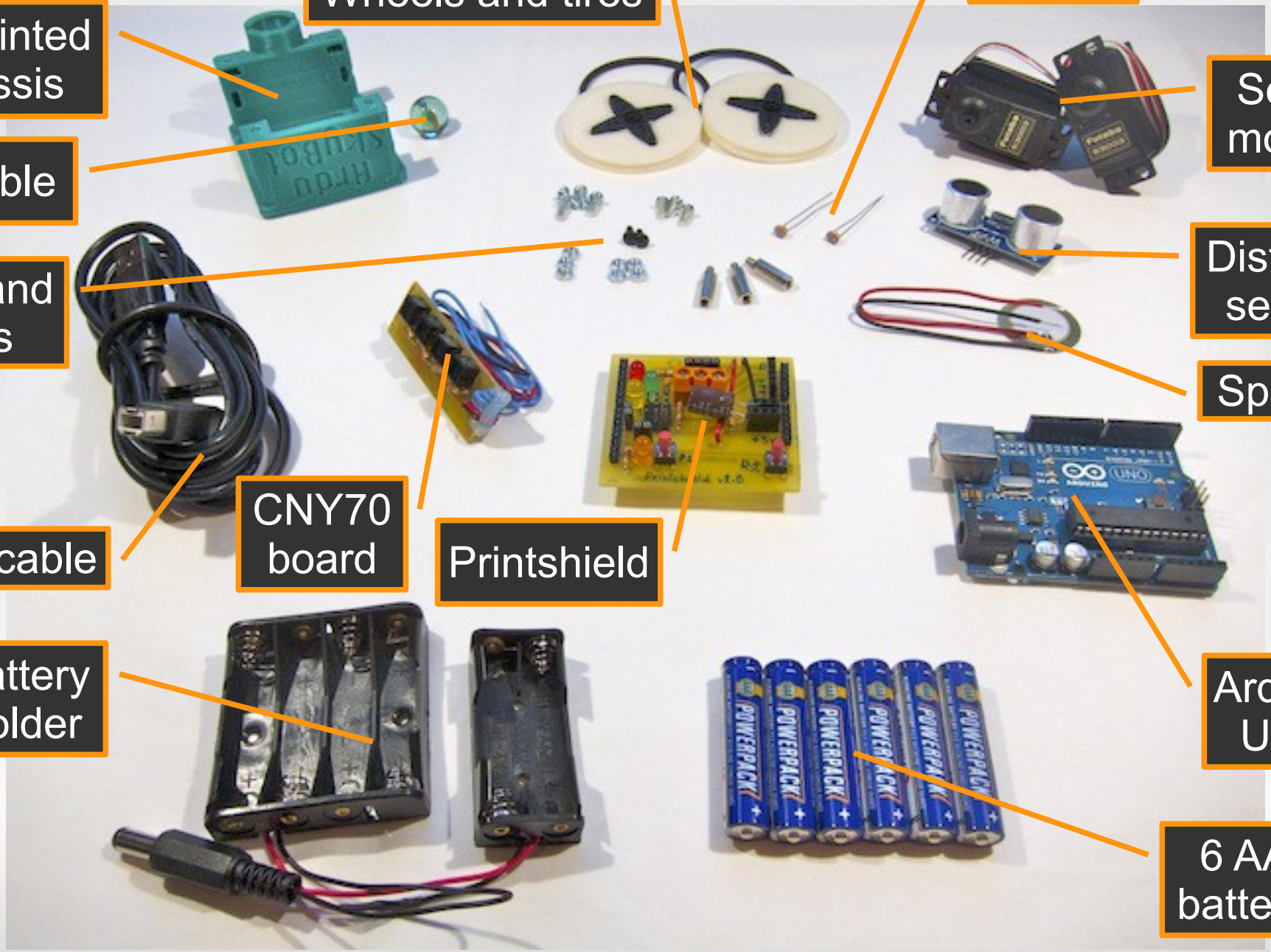
- Follow light
- Line follower
- Avoid obstacles
- Play music tones



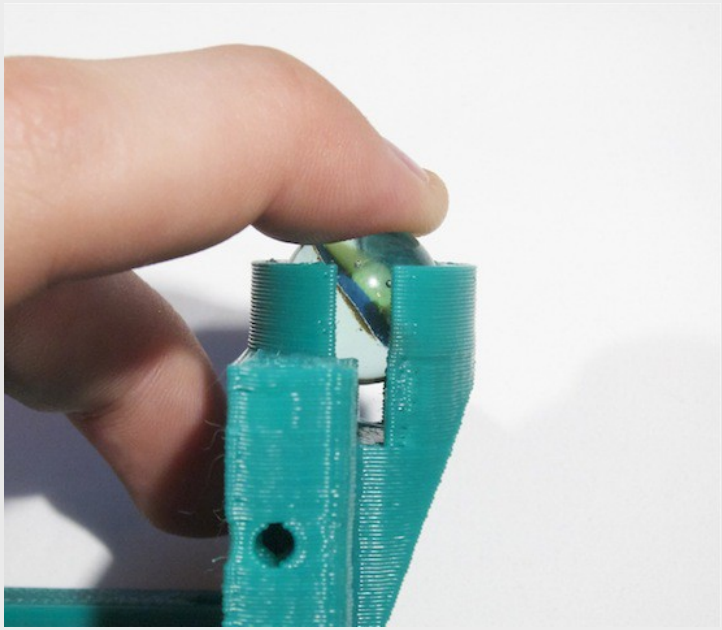


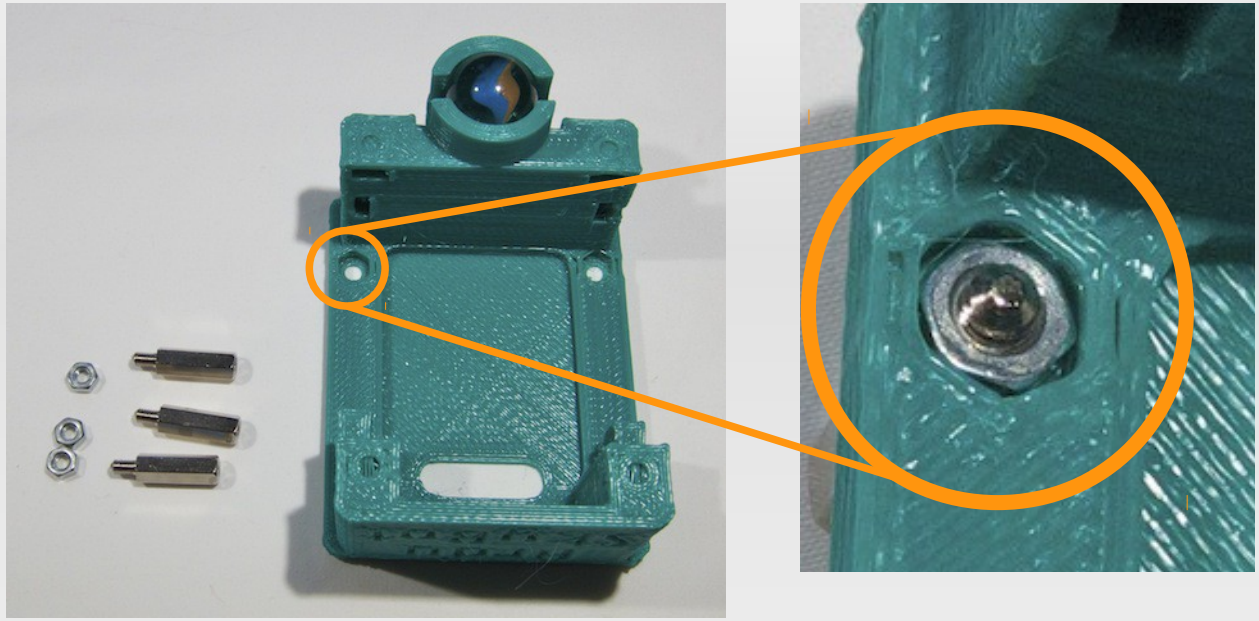


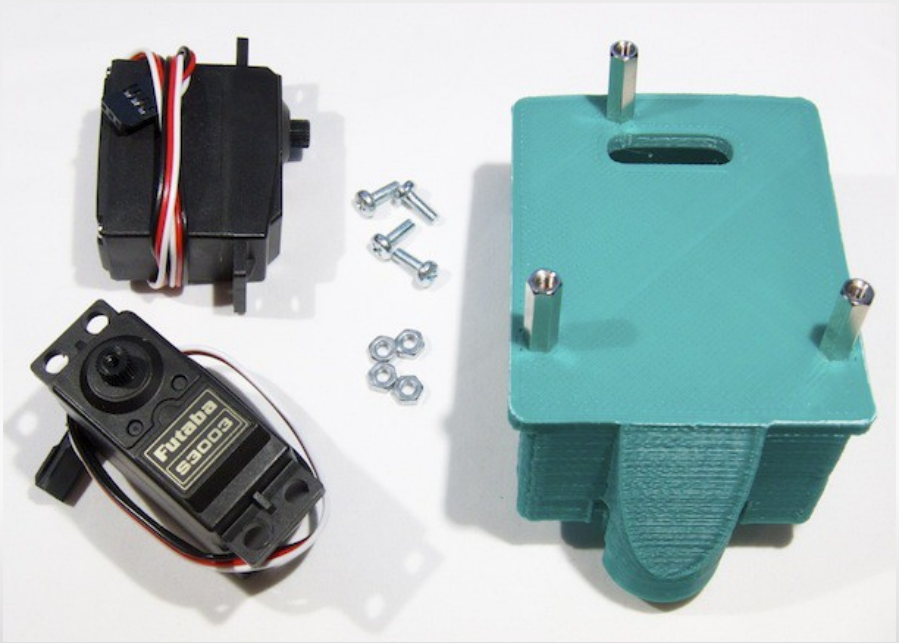
ArduSkyBot kit contents

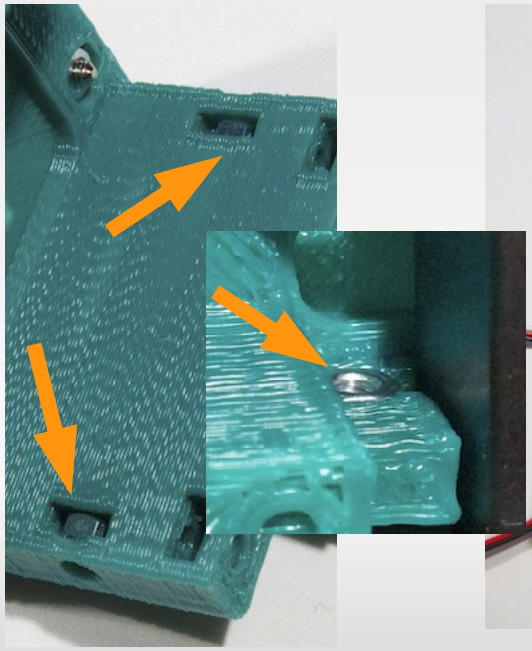


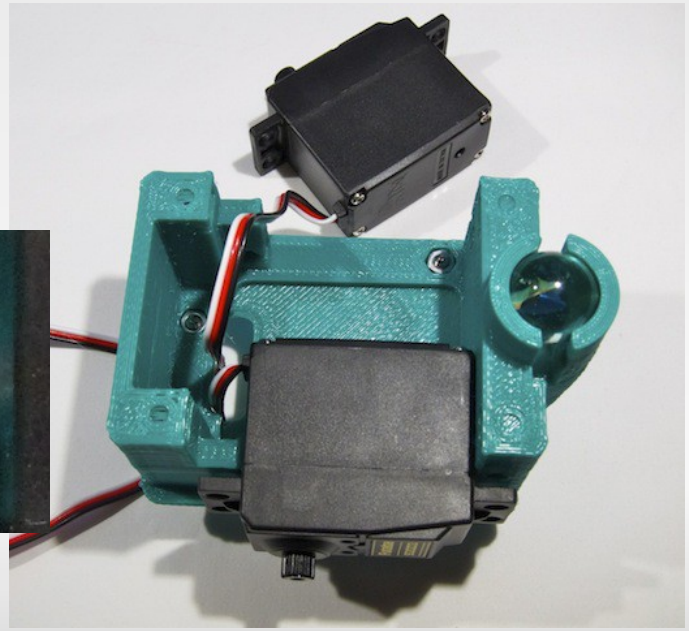
Assembly of the ArduSkyBot (1)











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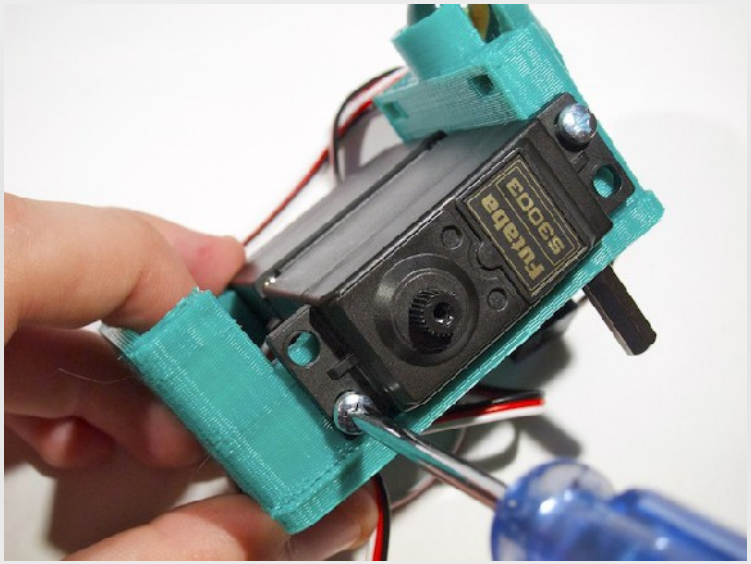

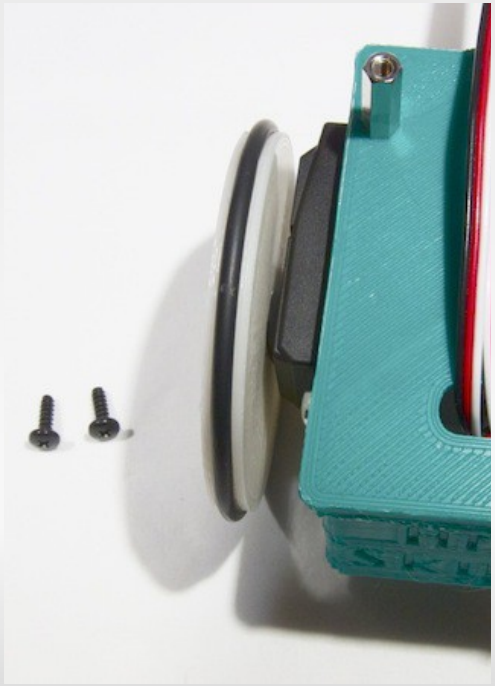

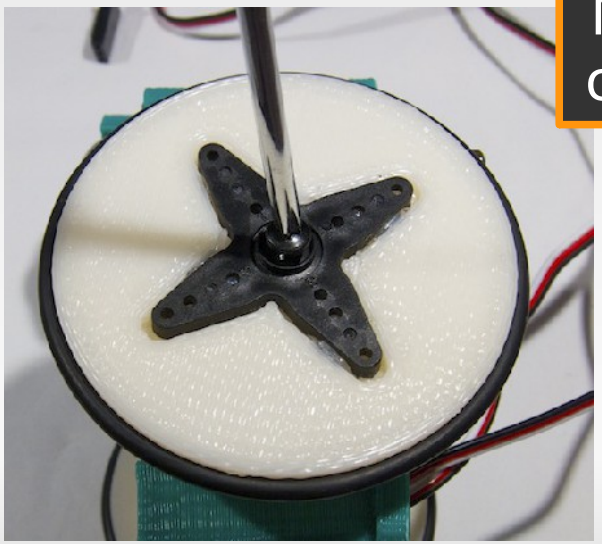

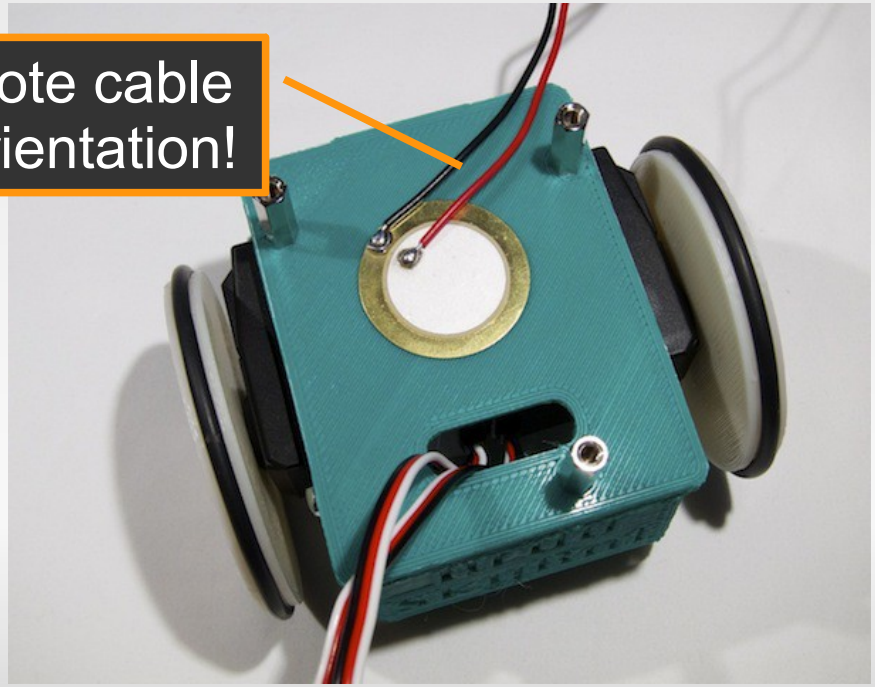

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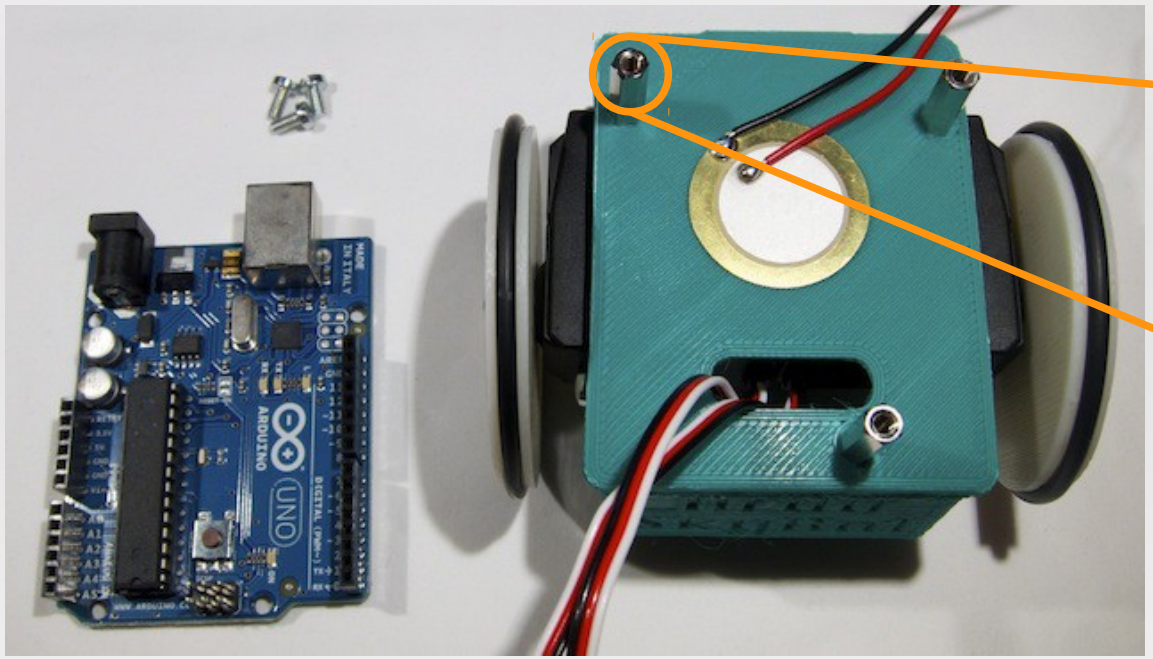
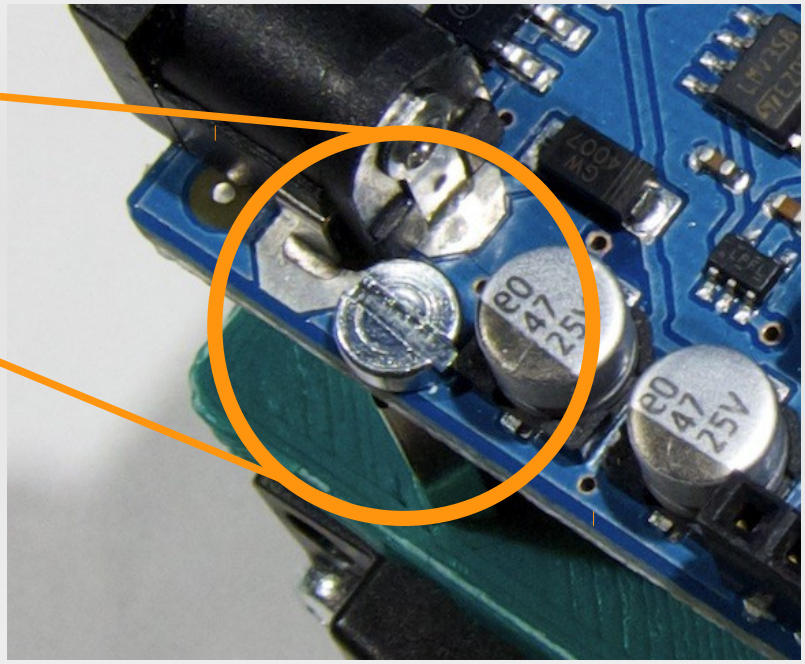
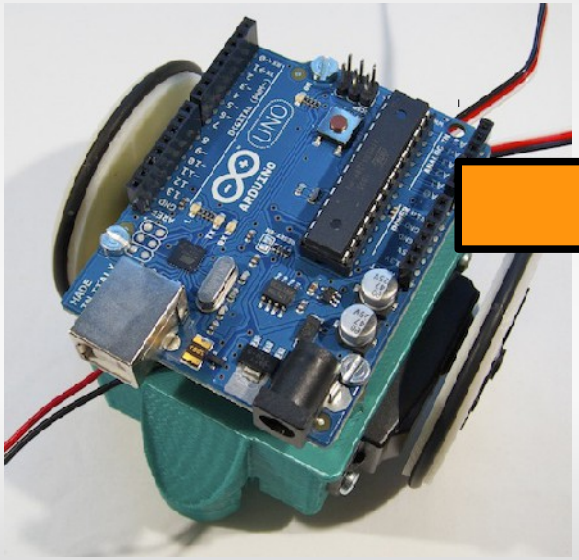
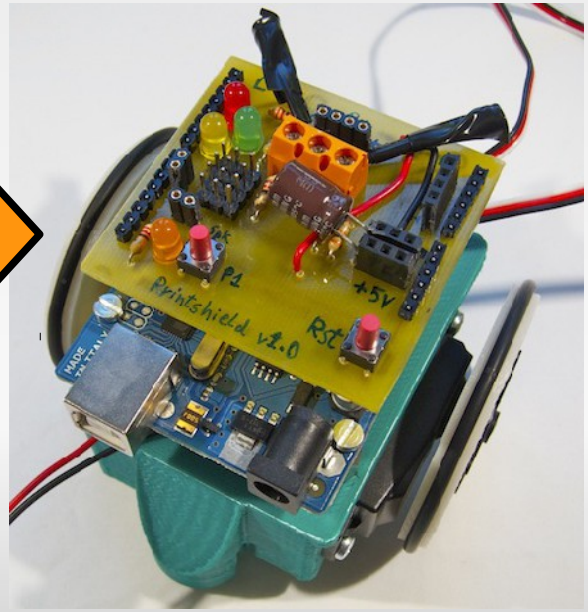
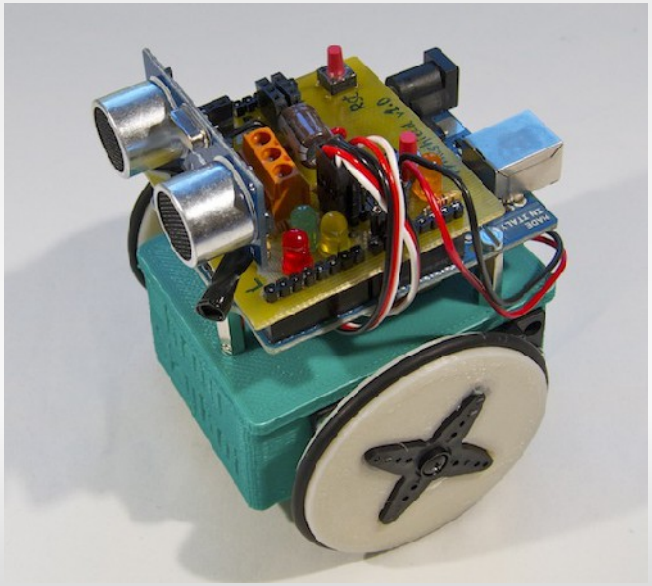


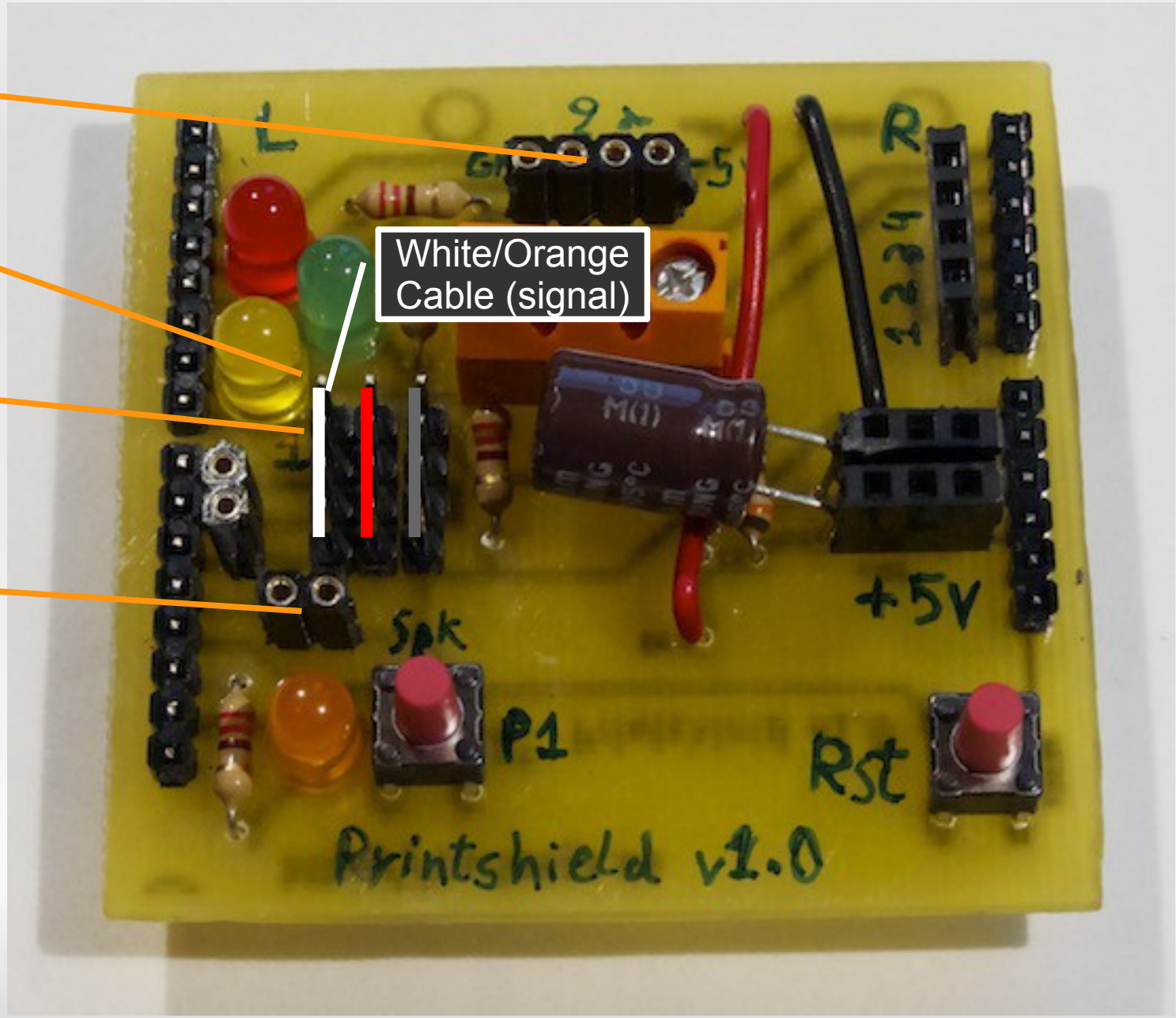




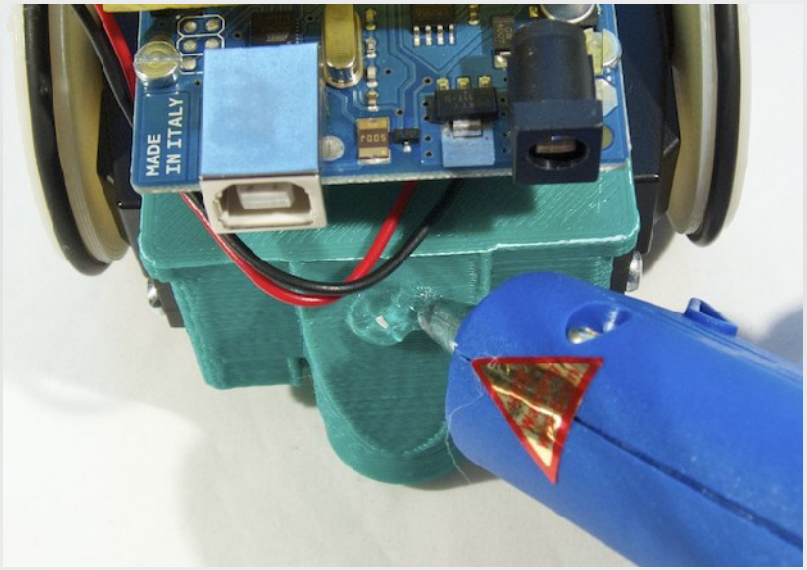


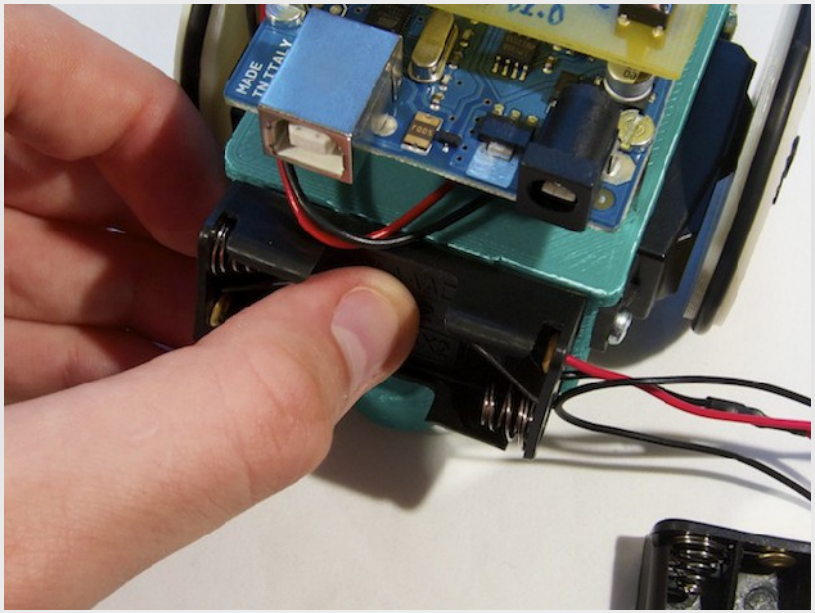


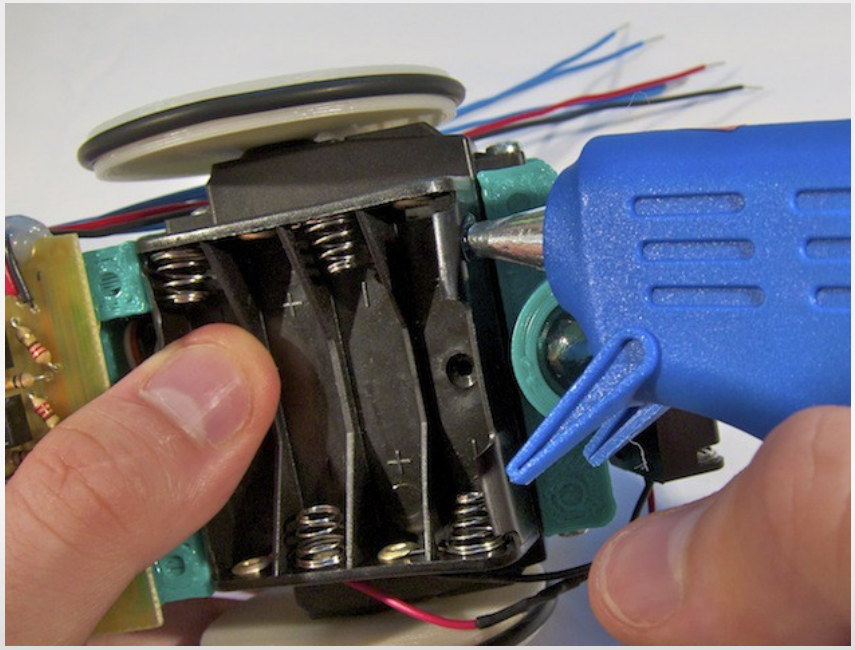
Printshield connections

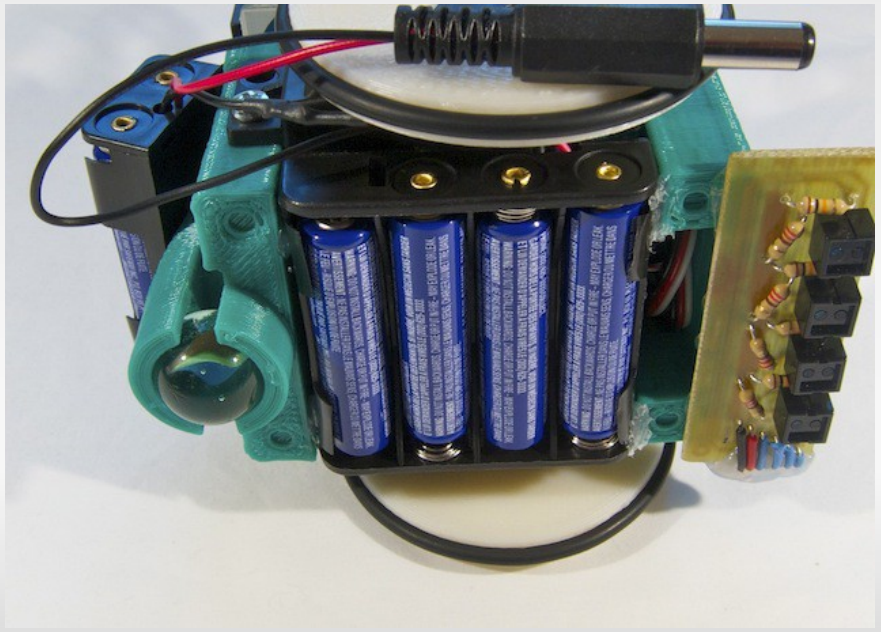


Assembly of the ArduSkyBot (4)

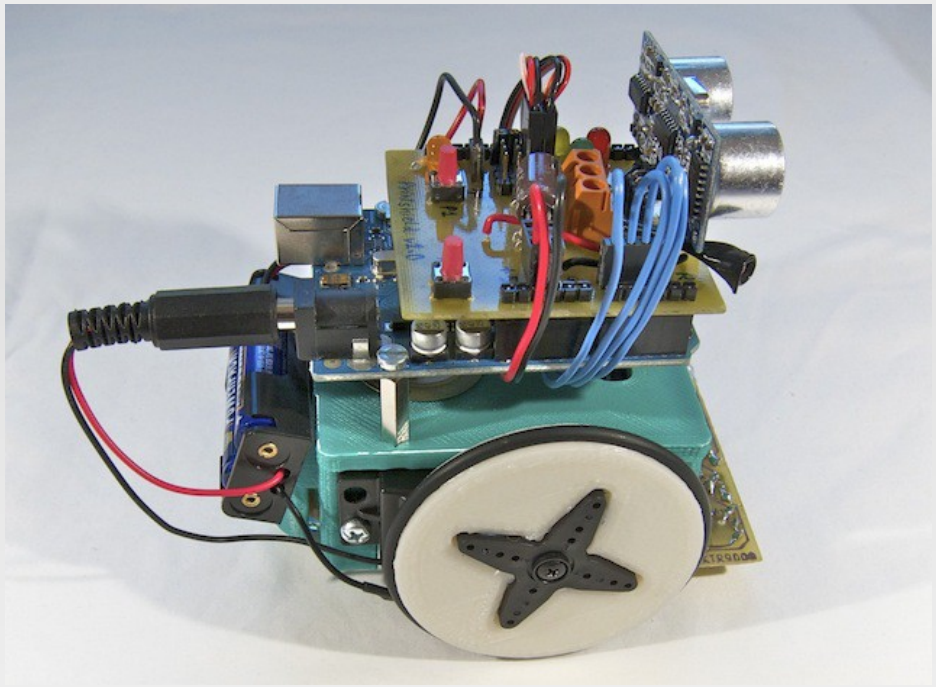


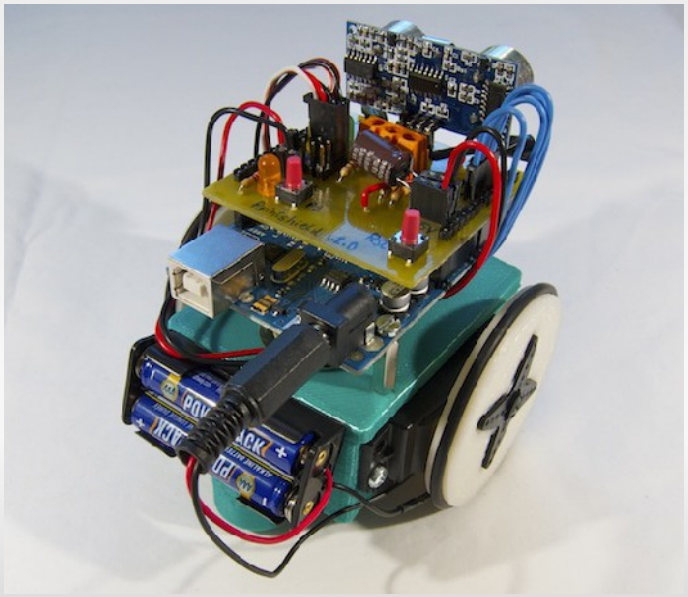


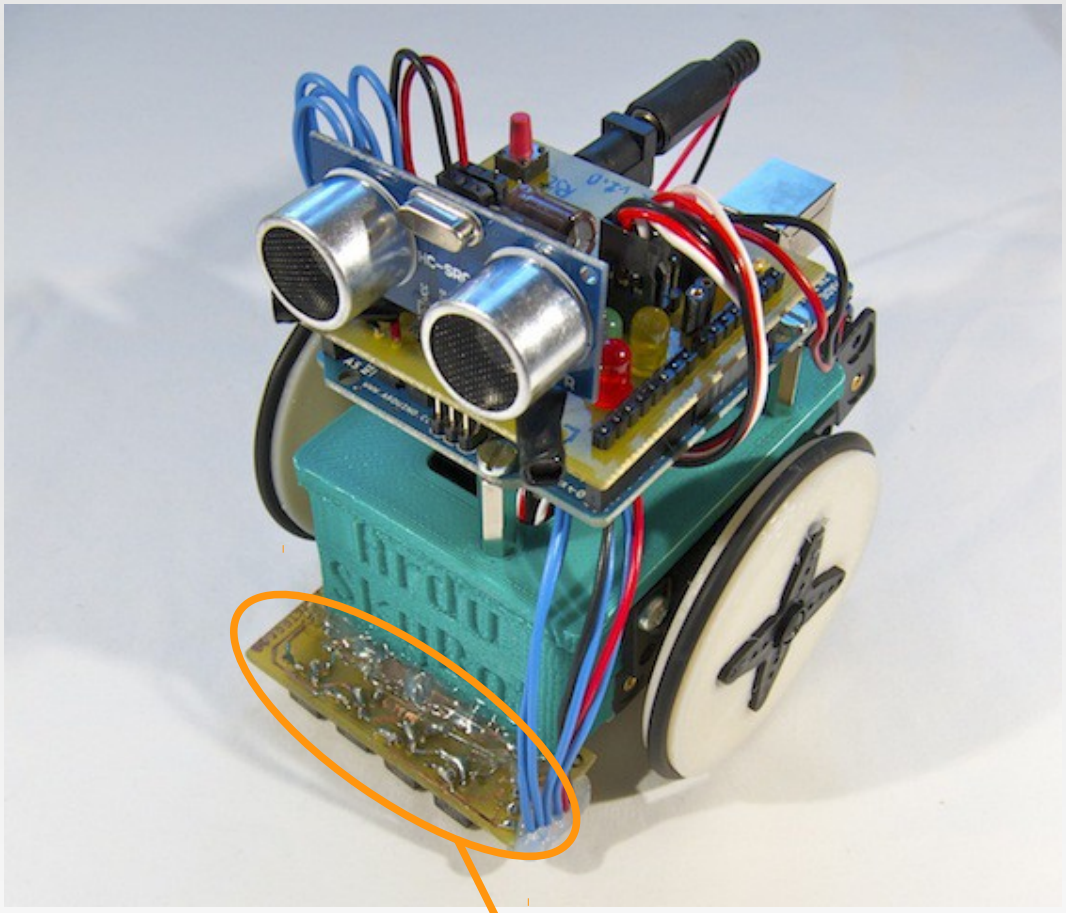




You have built an ArduSkyBot!

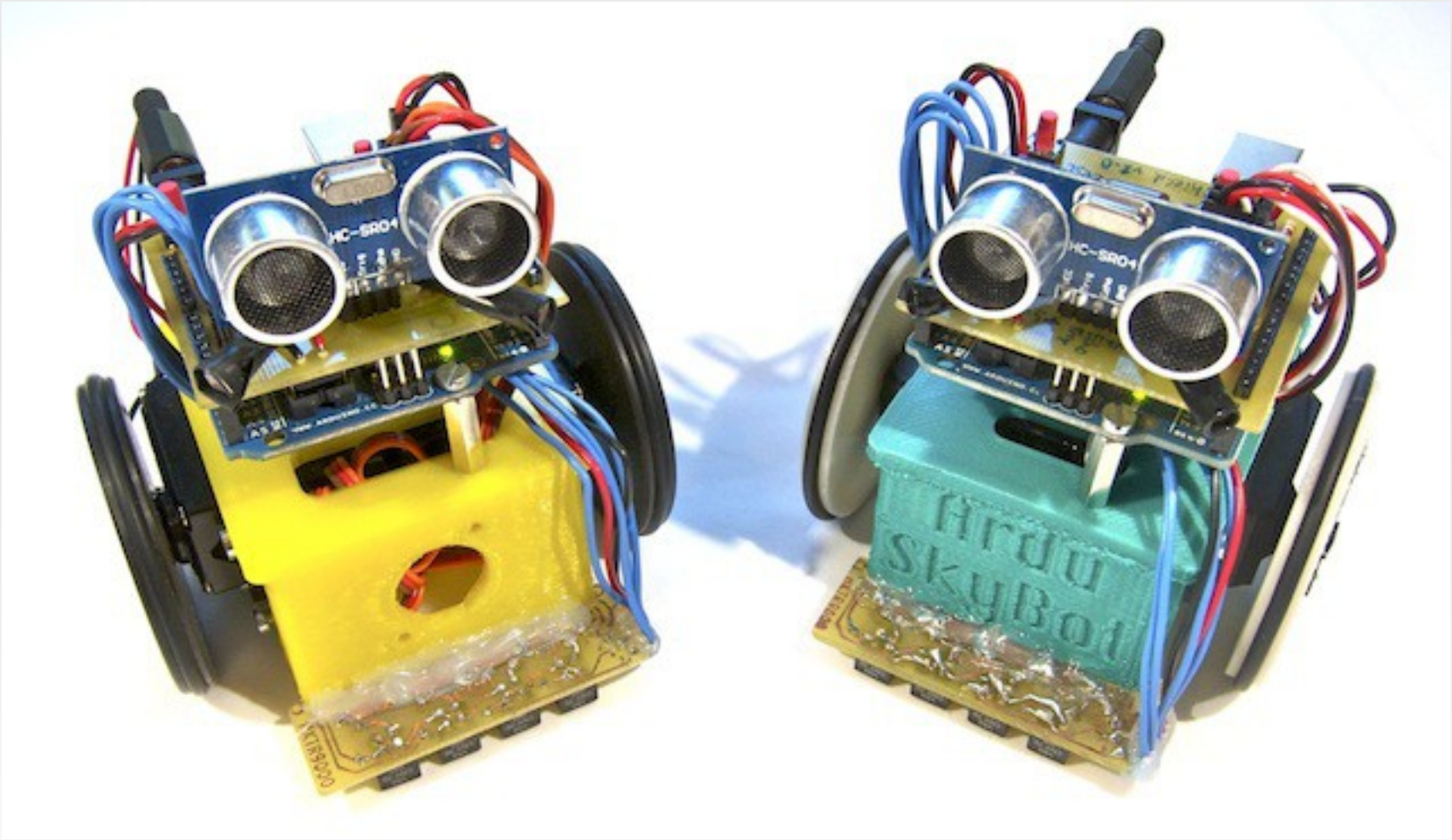






We will add the line sensor in following lessons!

Now we can begin with the programming!



Download the example code from
http://www.carlosgs.es/2012-summer-workshop

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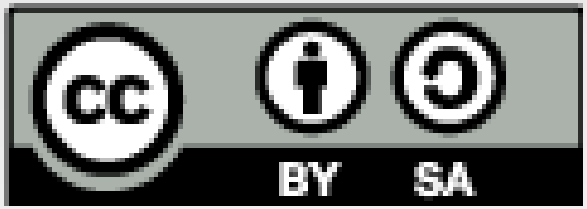

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