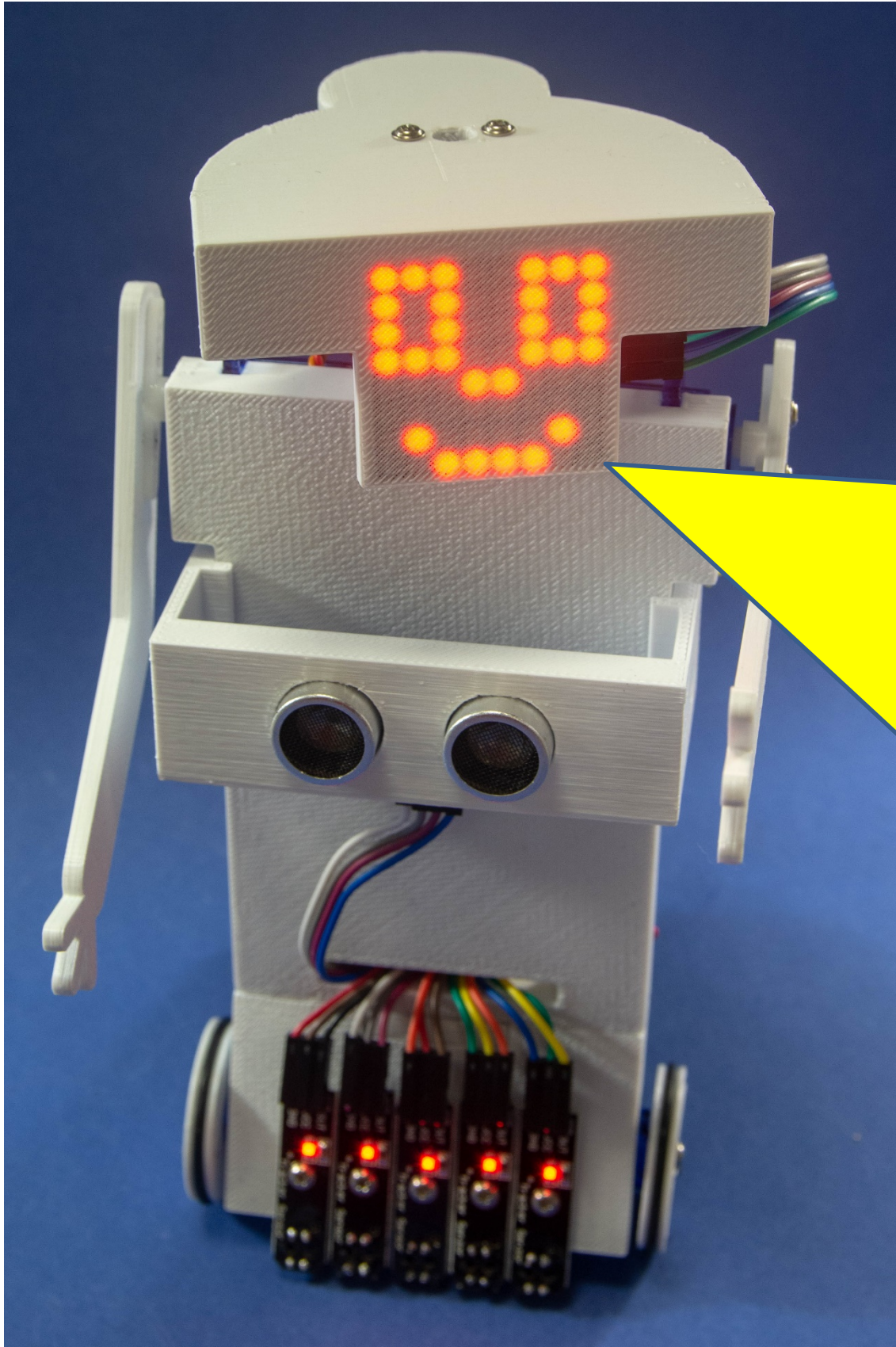


Creative Robotix Educational Platform - Codee



Hello! I'm an Open Source Creative Robot. In the following instructions you will get to build me, name me and then program me in Scratch or Python!

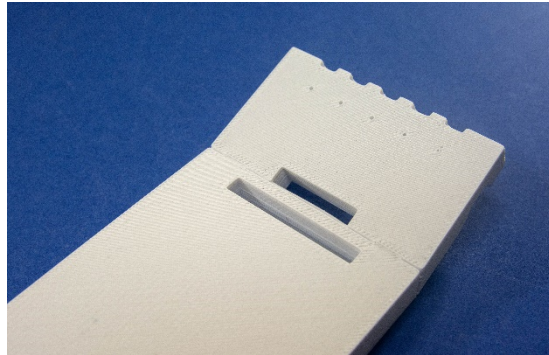
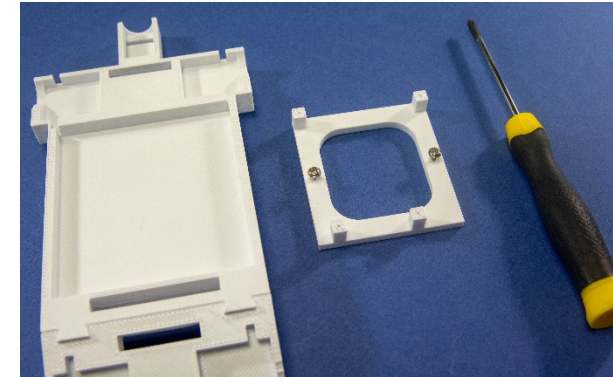
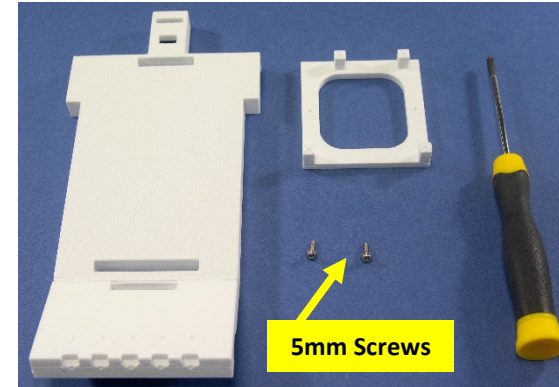
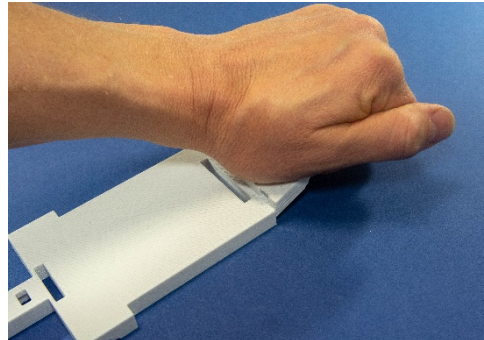
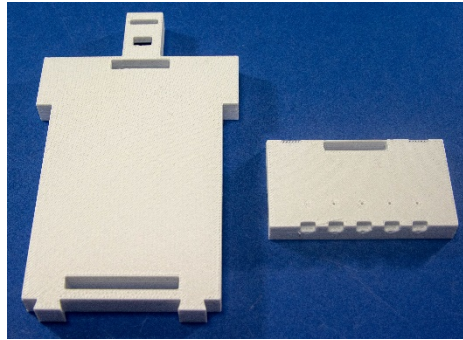
Before you start, please use the parts build matt to ensure you have everything you need.

Please program my processor board¹ **before** you start your build, this will help me work right from the start.

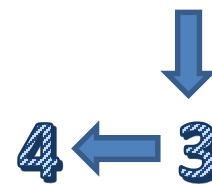
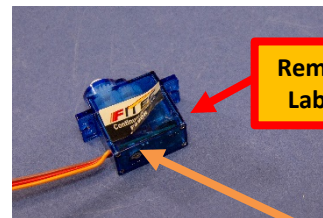
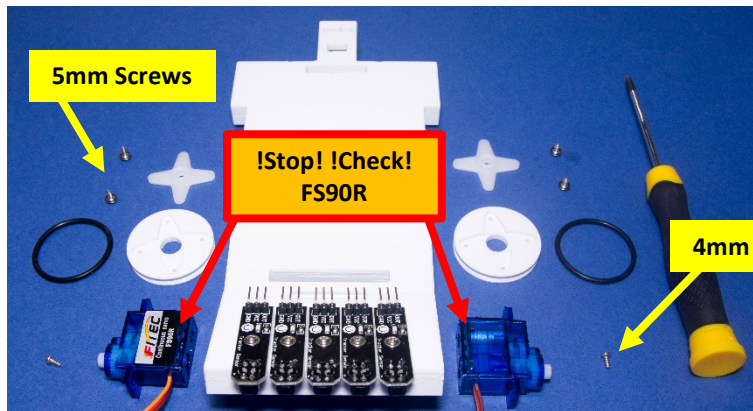
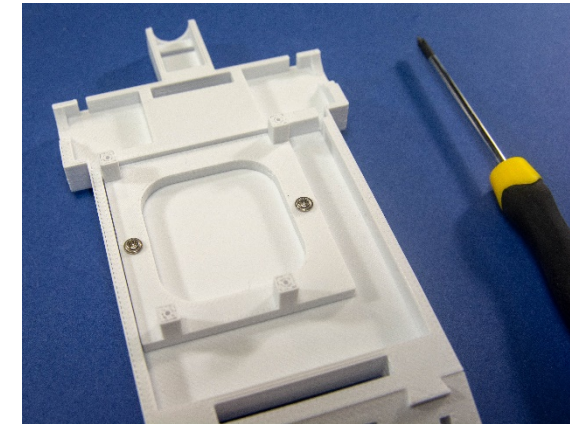
For more detailed instructions please visit my Instructables page.

Happy Building!

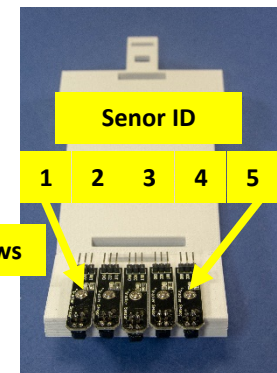
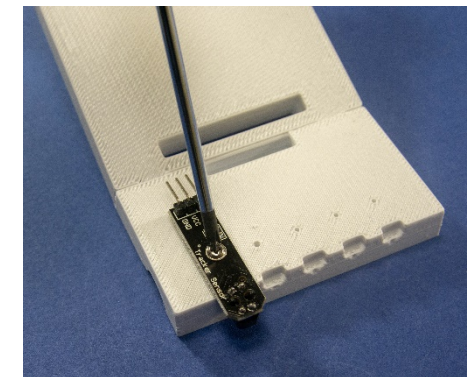
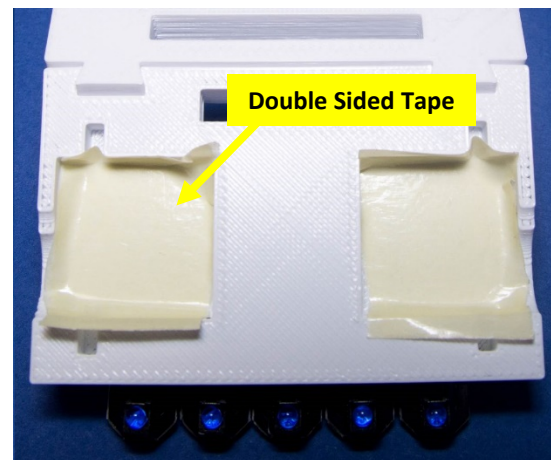
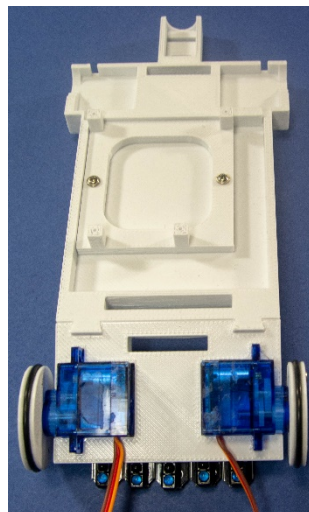
1. Please refer to the online instructable for details.
2. <https://www.instructables.com/id/Creative-Robotix-Educational-Platform-Codee-Robee/>

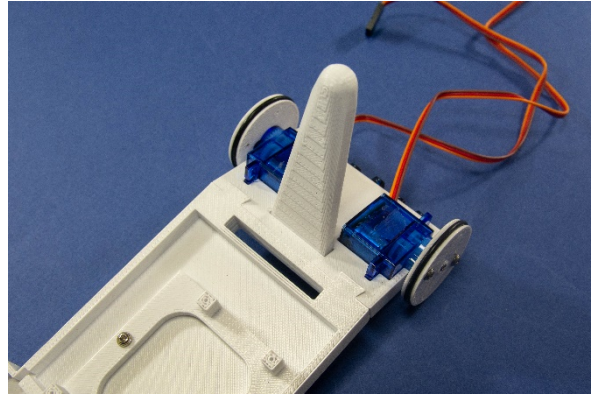
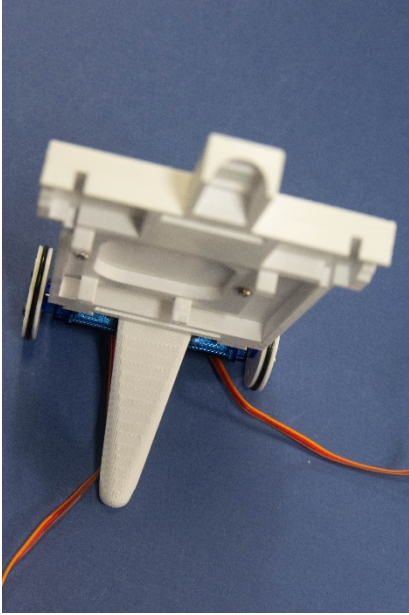
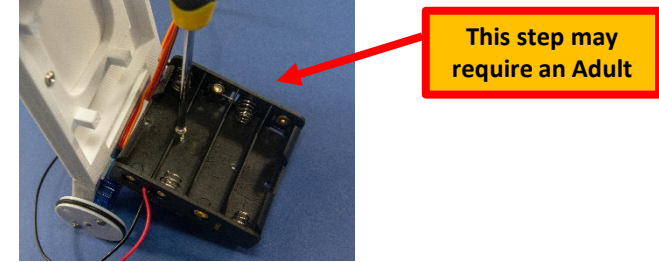
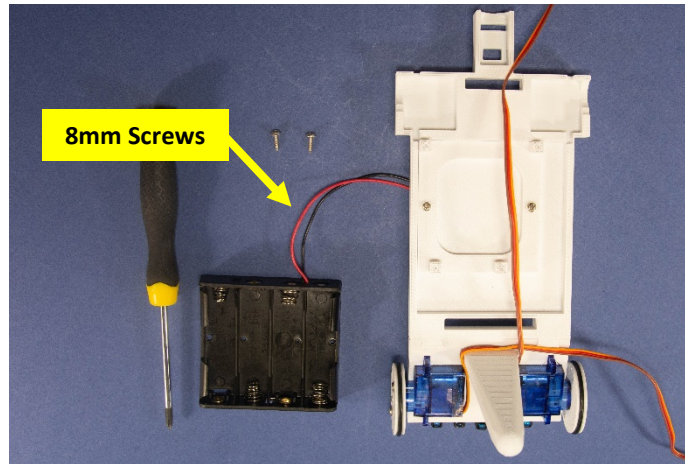
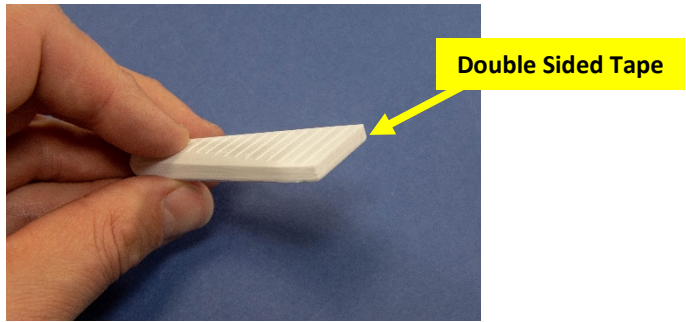
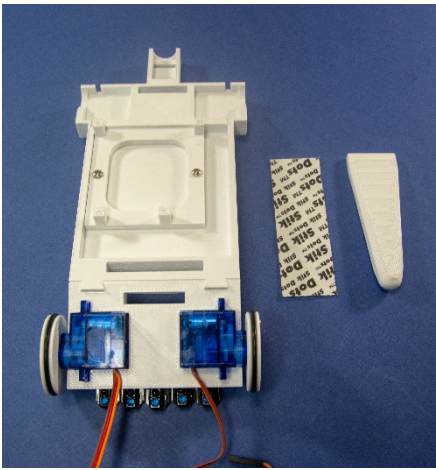


Creative Robotix Build – Codee – Steps 1 → 2

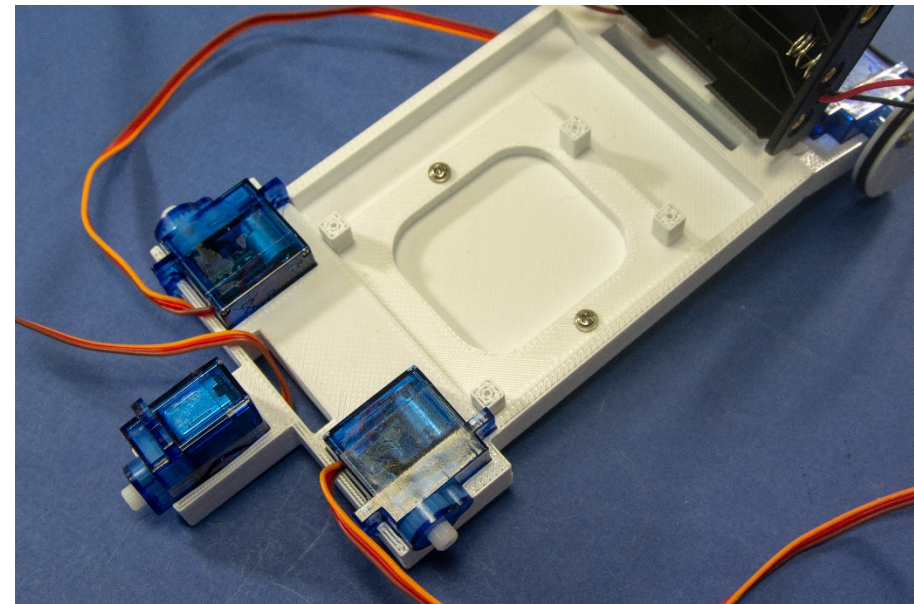
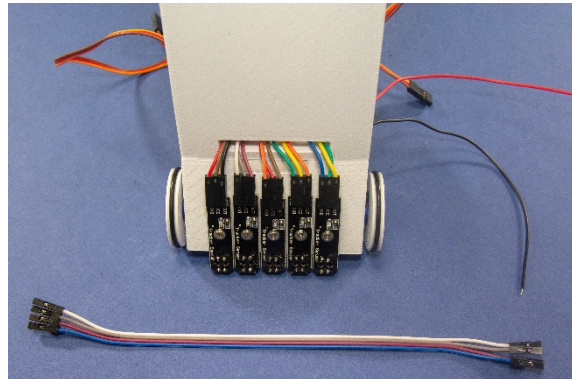
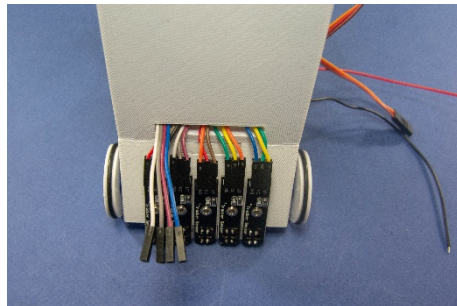
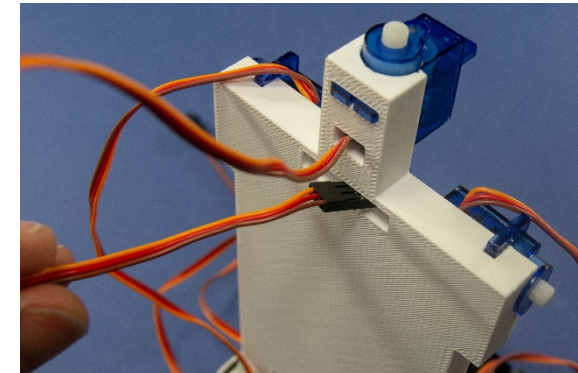
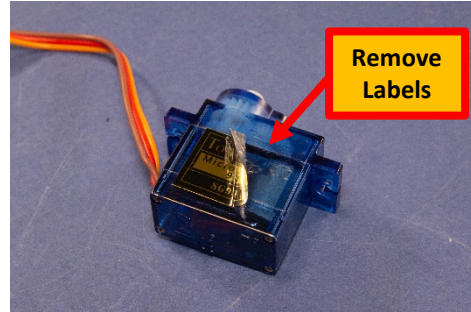
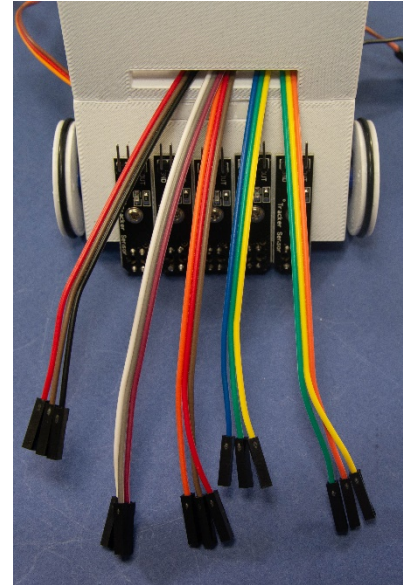
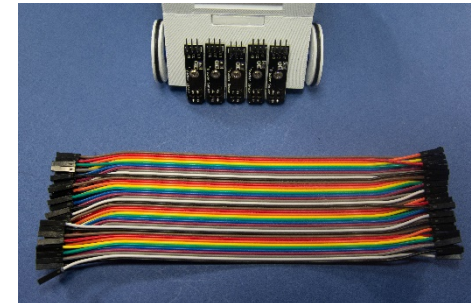
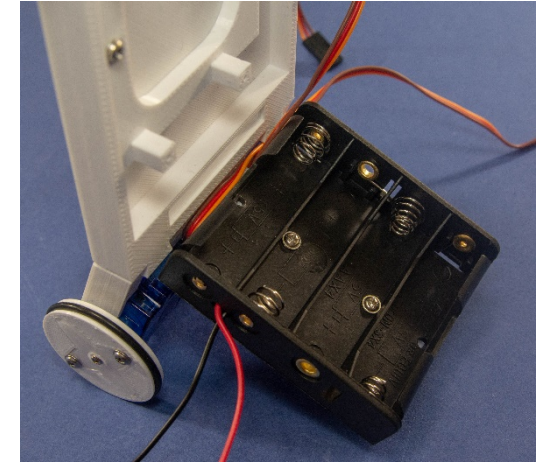


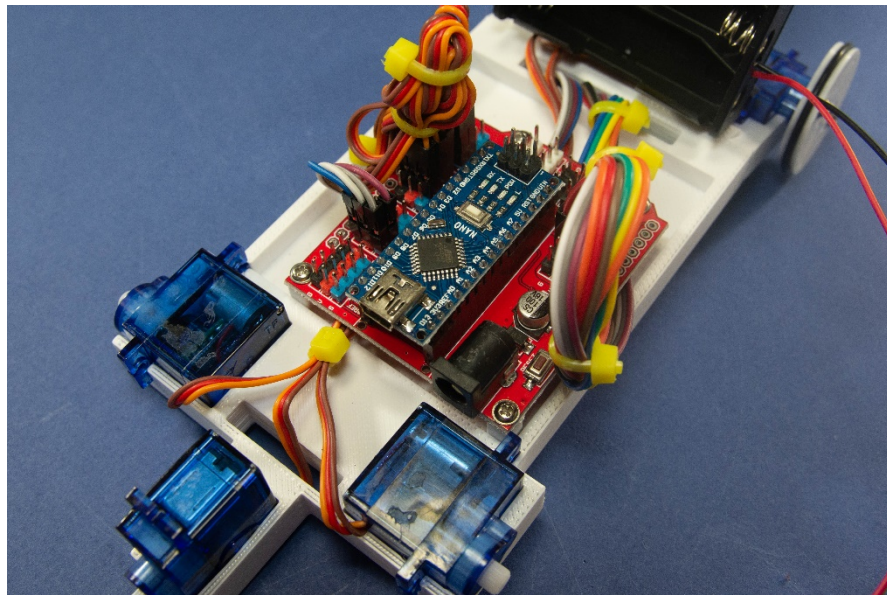
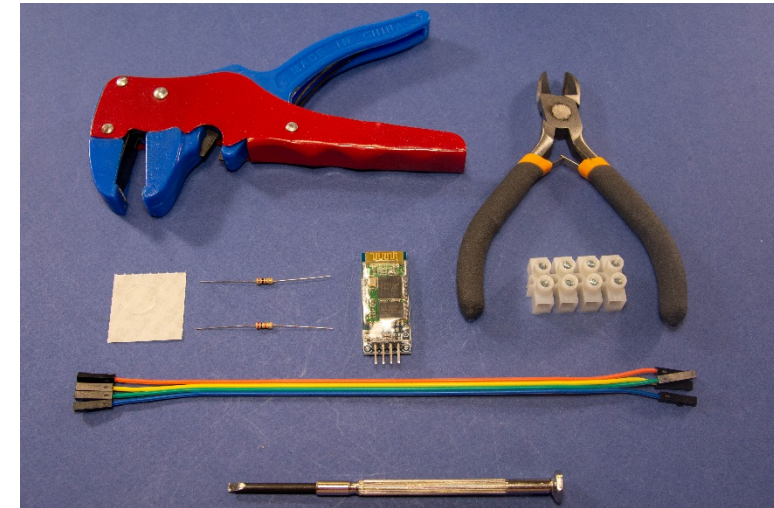
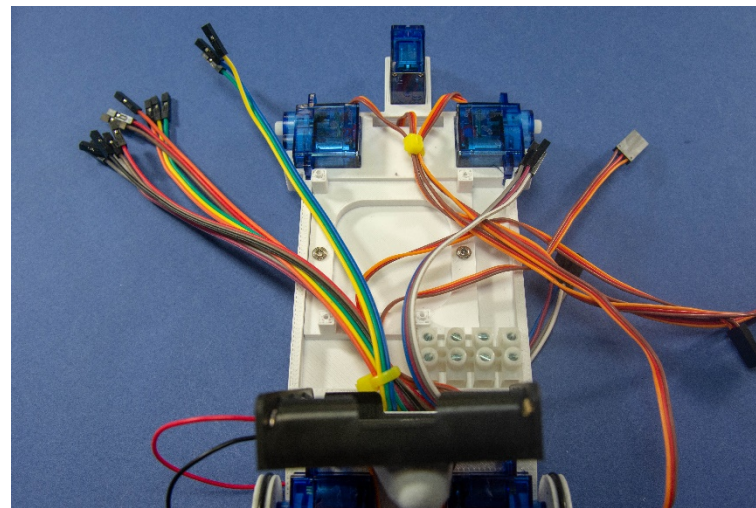
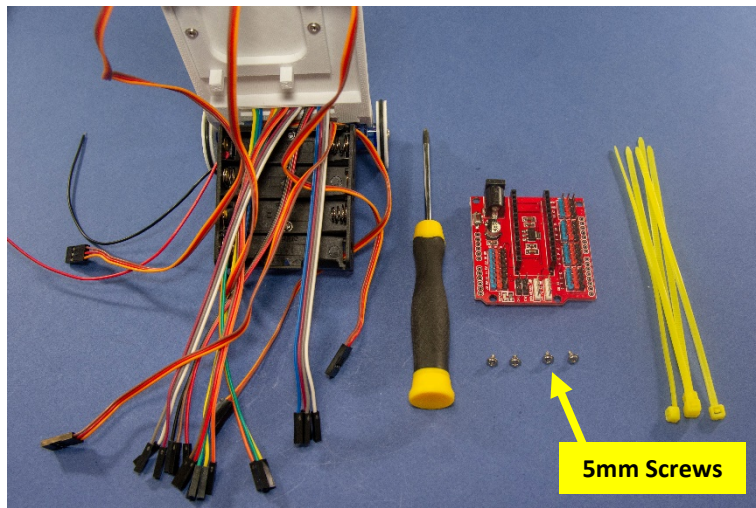
Note the calibration screw in the base. This can be used later to trim the servo 'stationary' value.





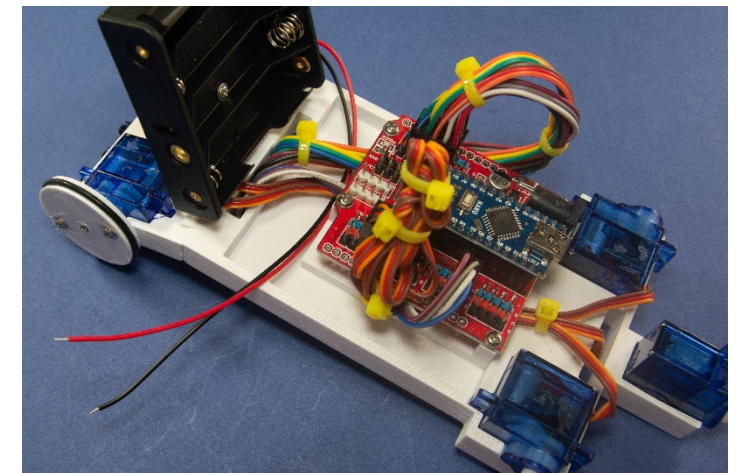
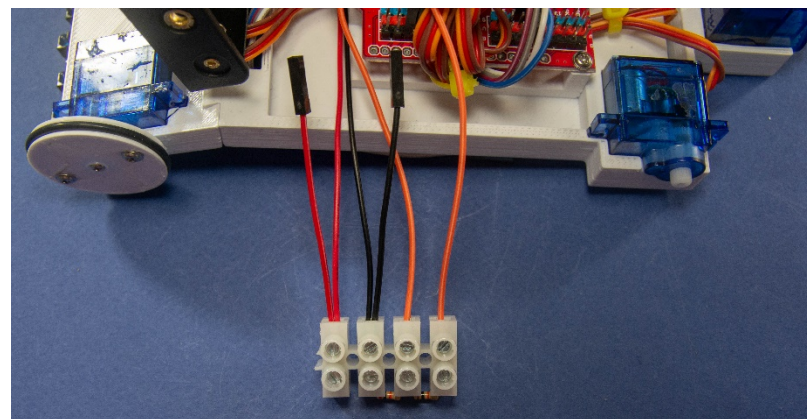
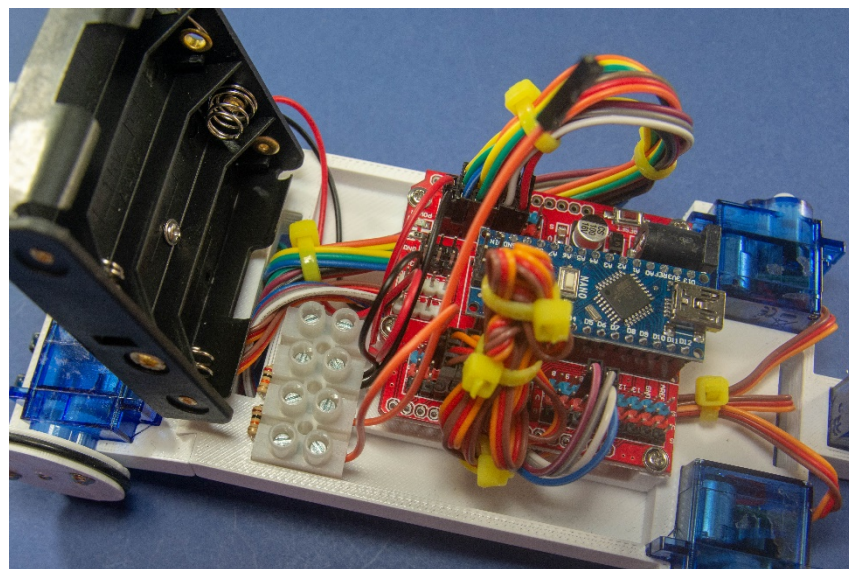
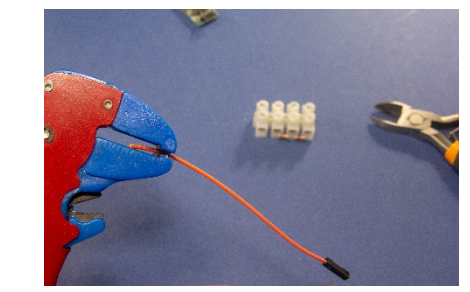
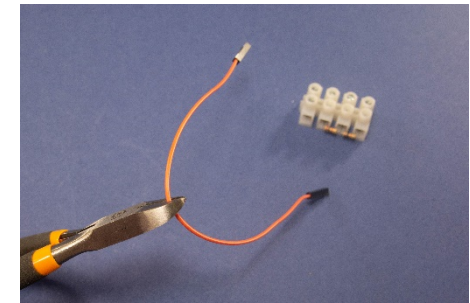
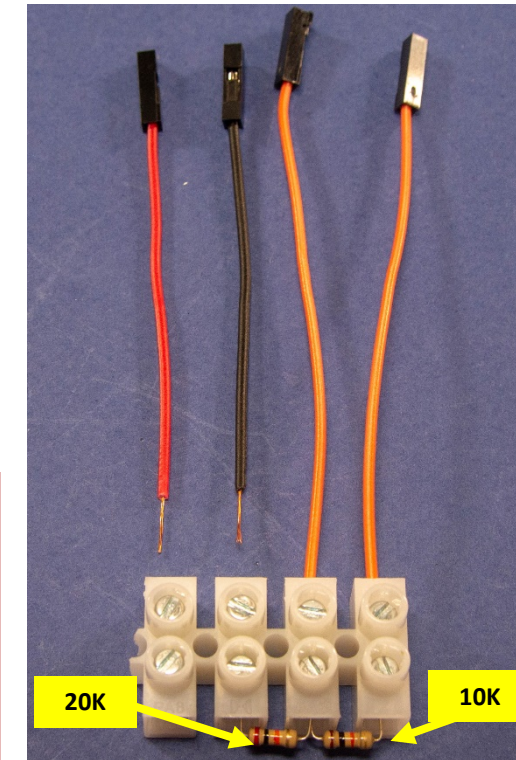
Creative Robotix Build - Codee - Steps 5 → 6 8 ← 7 ↓

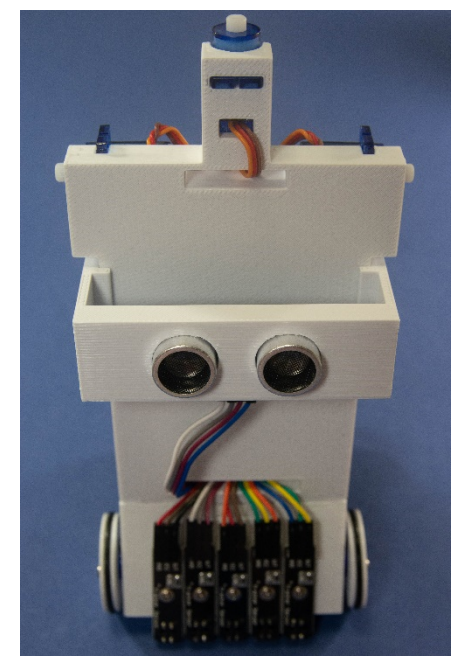
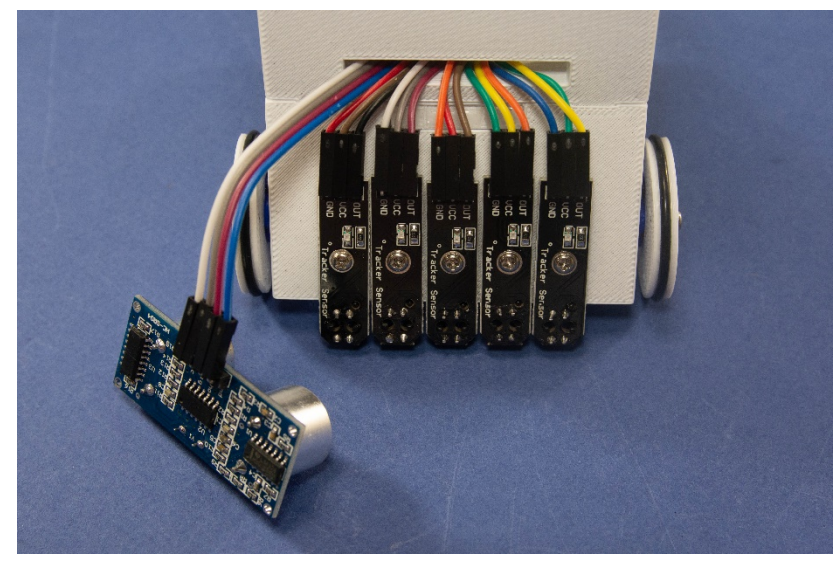
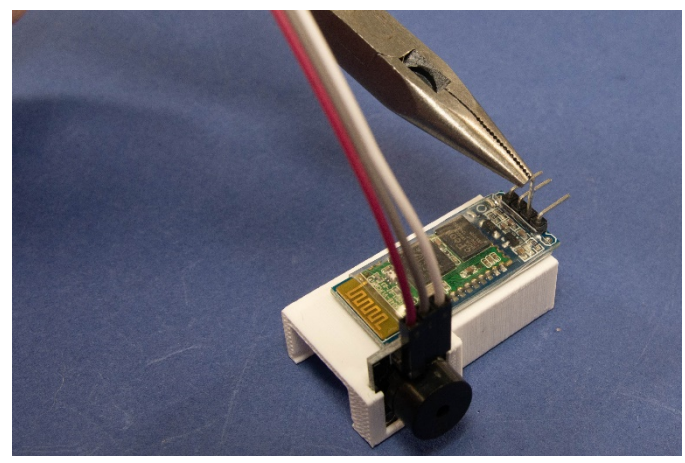




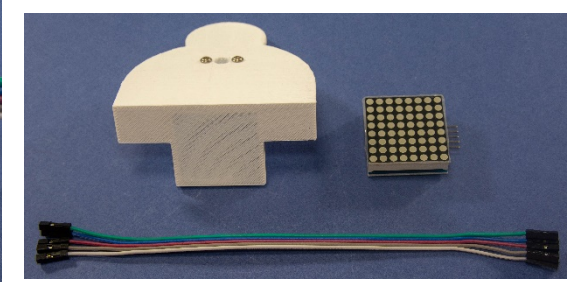
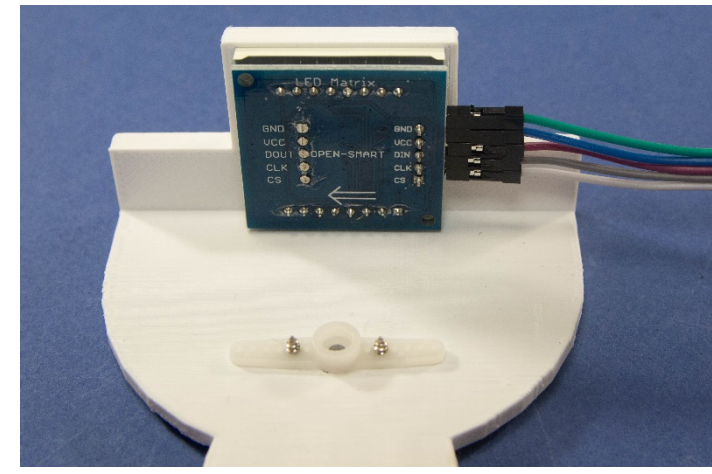
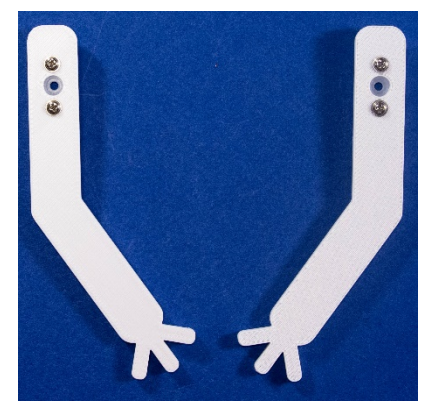
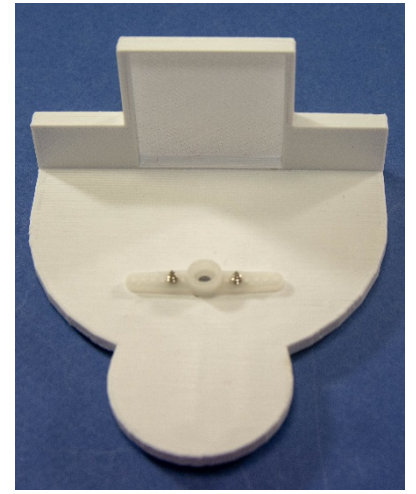
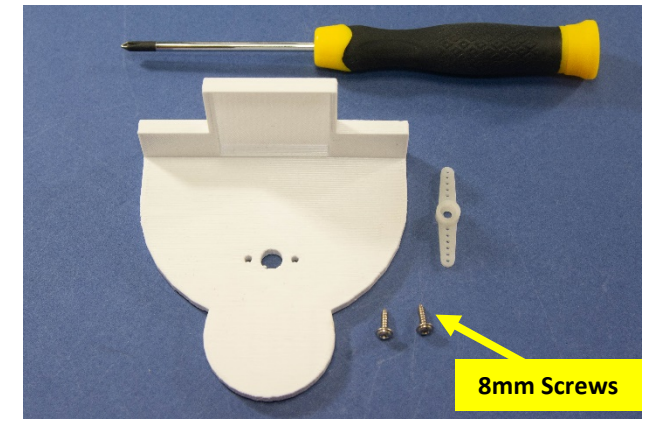
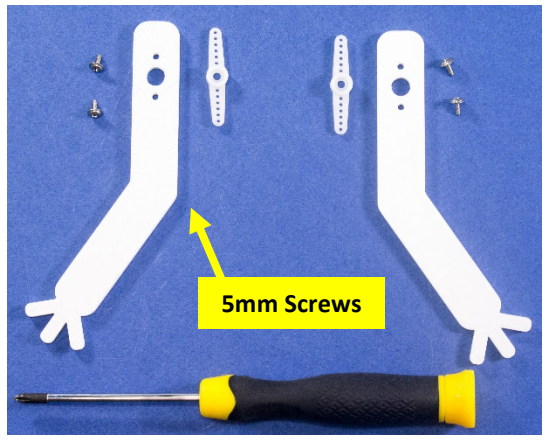
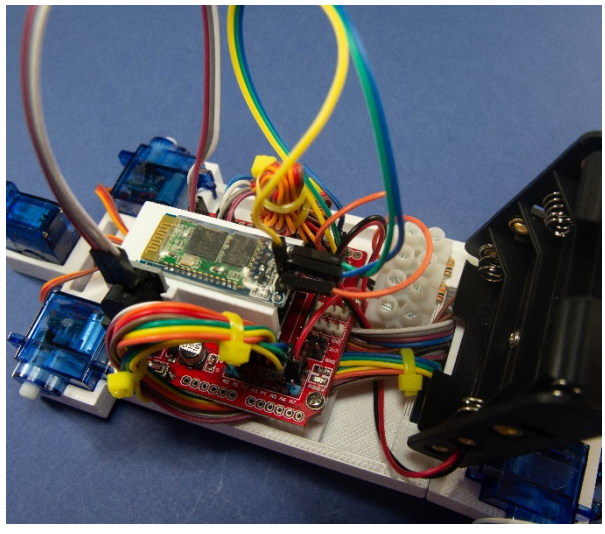
Creative Robotix Build - Codee - Steps 9 → 10 11

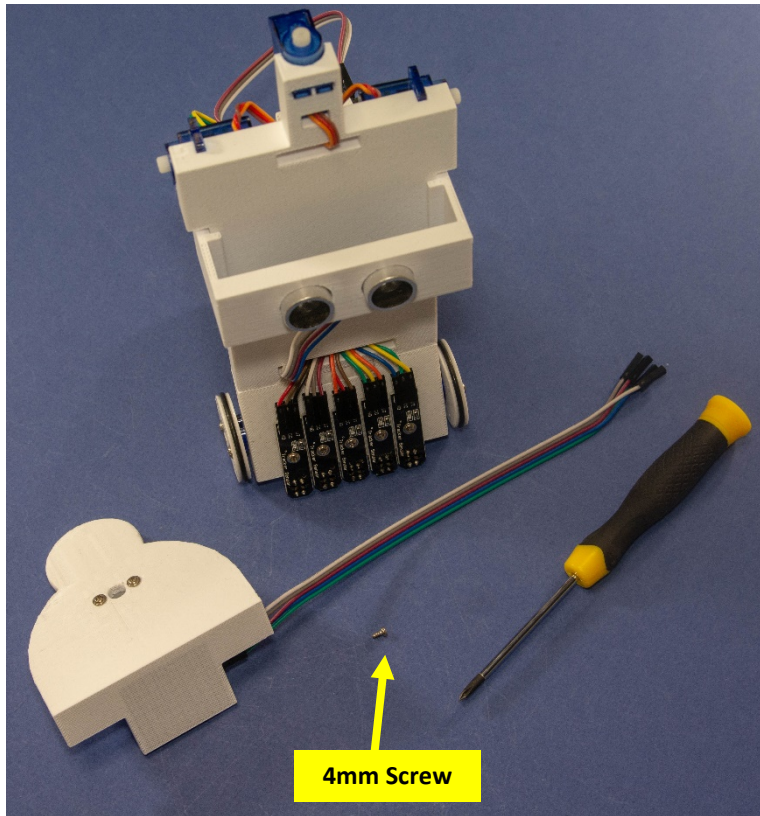
Refer to
Wiring Diagram
for Steps 9 to 16



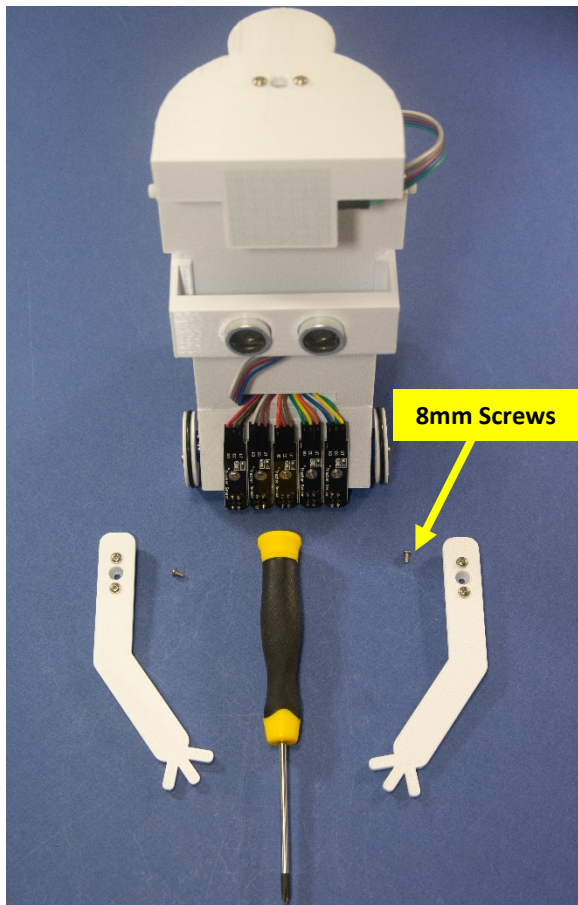


Creative Robotix Build - Codee - Steps 12 → 13 15 ← 14 ↓





Well Done!
Your build is complete.
Please continue from my Instructable step 'Build done! Let's Power Up!'
You will test your build with my inbuilt Demo, then configure my Bluetooth Module.
When you are happy I am working correctly you can begin to program me!



Check and re-check wiring powering up

Creative Robotix
Build - Codee -
Steps 16 18
↓ ↑
17

