



⬅ Back to my courses

## RC Excavator - How To

69% COMPLETE

What We're Building



Sourcing Parts



Soldering



Uploading Code to  
ESP32



3D Printing



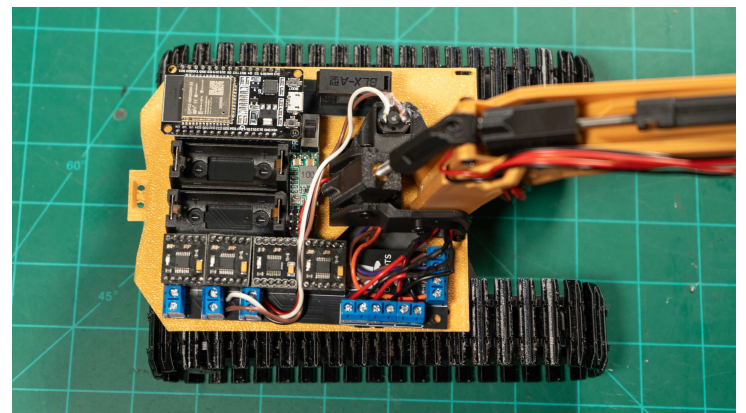
Assembling Lower Body  
& Track Support



## Routing Wires

### STEPS

1.) Route the main boom, dipper, bucket and thumb wires into their respective terminal blocks. Some things to keep in mind are depending on the version of your PCB the dipper terminal block may be labeled "S-BOOM" or "DIPPER" and the bucket terminal block is labeled "TILT-ATCH".



2.) When measuring the wires I was generous with amount I had you cut for each motor so if there is an excessive amount of excess please trim it and re-strip the wires.

3.) With all the wires secured in their terminal blocks power on the excavator and ps3 controller and verify everything moves as it should. I configured the controller to resemble

## Arm Assembly



- ✓ Motor Holders and Push Rods
- ✓ Boom & Dipper Assembly
- ✓ Bucket Assembly
- ✓ Thumb Assembly
- ✓ Securing Arm to Chassis
- ✓ Main Boom N20 motor

## Routing Wires

## Cab Lights and Rear Cover



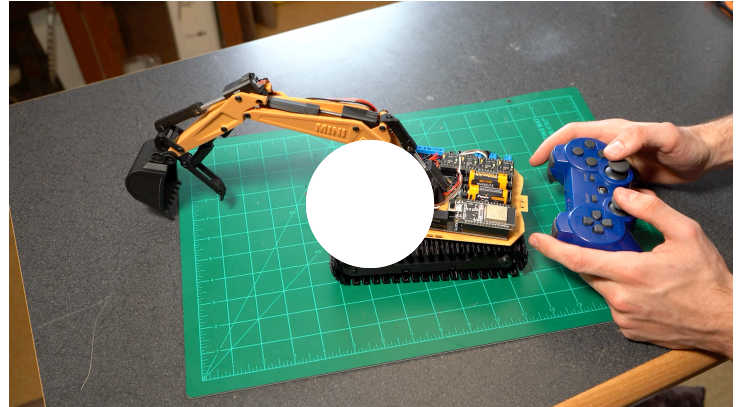
## Test Drive



## Attachments/Upgrades



real life CAT controls or "ISO" controls so the left joystick should control the main pivot and dipper, and the right joystick the main boom and bucket.



COMPLETE AND CONTINUE

USD 3 | United States

© 2024 ProfessorBoots Powered by Shopify | Refund policy | Privacy policy

Terms of service | Shipping policy | Contact information