



⬅ 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



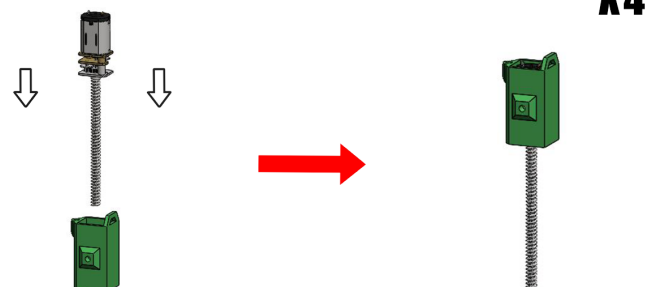
Motor Holders and Push Rods

Parts Required

- 4x Threaded M4 1000rpm N20 Motor
- 4x M4 Hex nut
- 4x 2.6x6 Screws
- 4x 3D Printed Motor Holder & Lock
- 2x 3D Printed Dipper and Bucket Push Rod
- 1x 3D Printed Main Boom Push Rod
- 1x 3D Printed Thumb Push Rod

STEPS

1.) Insert each threaded N20 motor into a 3D printed motor holder.



2.) Route the wires through the motor locks and secure each in place using a

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



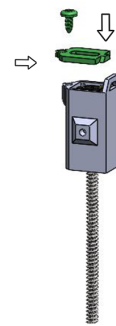
Test Drive



Attachments/Upgrades

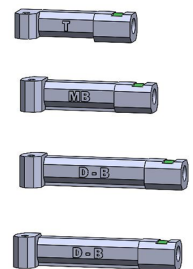
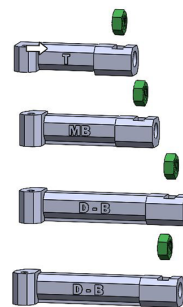


2x6 screw.



X4

3.) Press a M4 hex nut into each of the Push Rods.



4.) Thread a dipper and bucket(D-B) push rod onto a threaded N20 motor with the longest wires.

5.) Thread a dipper and bucket(D-B) push rod onto a threaded N20 motor with medium long wires.

6.) Thread the main boom(BM) push rod onto the a threaded N20 motor with the shortest wires.

7.) Thread the thumb(T) push rod onto a threaded N20 motor with the longest wires

COMPLETE AND CONTINUE

Country/region

USD (\$) United States

© 2024, ProfessorBoots Powered by Shopify — [Return policy](#) — [Privacy policy](#)

[Terms of service](#) — [Shipping policy](#) — [Contact information](#)