



STEP 1

Mount the magnet to the **pulley wheel** using heavy duty epoxy.

Clean the surface before applying the epoxy and magnet to the pulley wheel.



STEP 2

Adjust the linkages to adapt to your working conditions by finding a secure place to mount the base and creating an acceptable linkage configuration.

Make sure there is clearance of any moving parts and that the assembly is not in the way.



STEP 3

If not already completed, feed the wires through your selected linkage configuration. (Twisting the wires together makes for an easier feed)

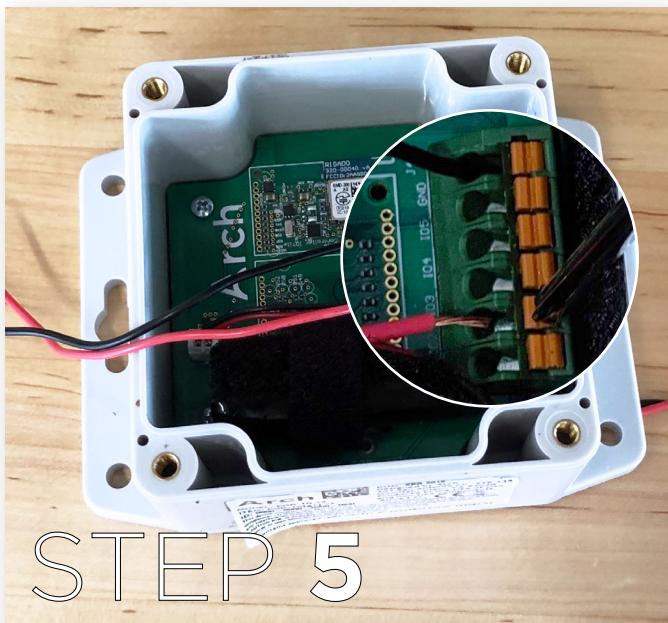
Be sure that the wire is fed through each linkage and that no part of the wires are exposed.



STEP 4

Continue feeding the wires all the way through the slot in the base cap.

Once you've connected the base cap to the bottom linkage, you are now ready to connect the wires to the sensor.



STEP 5

Connect the wires to the terminal by pressing down the **orange clamps**.

The black wire should be placed in slot labeled "GND". The red wire should be placed in slot labeled "I02". Make sure wires are securely held by tugging gently on wire after installing.



STEP 6

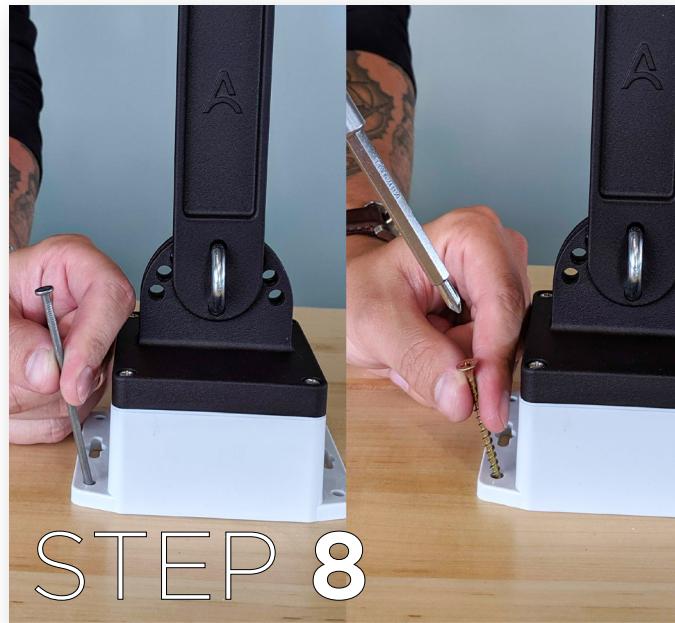
Once the wires are attached, finish connecting the base cap to the sensor pod by adding the 4 corner screws with a screwdriver.



STEP 7

Once assembled, place the assembly back into its predetermined spot.

Make sure there is a distance of **exactly 1"** (**2.54cm**) between the surface of the magnet and the surface of the head cap.



STEP 8

Secure the assembly in it's predetermined spot by driving nails or screws through the holes in the sensor pod base.

The assembly should be secured to a stable surface with minimal to no vibration.



The completed assembly should resemble something like the image above depending on your configuration.

Be sure all hardware connections (*) are tight to minimize sway and vibration. There should be no visible wires. Be sure the head cap (1) is pushed all the way on. Be sure the base cap (2) is secured tightly to the sensor pod (3).