

Hentronix

The Best Automatic Chicken Coop Door Openers

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Motor Upgrade for Hentronix's Eglu/Omlet Opener/Closer (New 2020 Design)

Instructions for Installation:

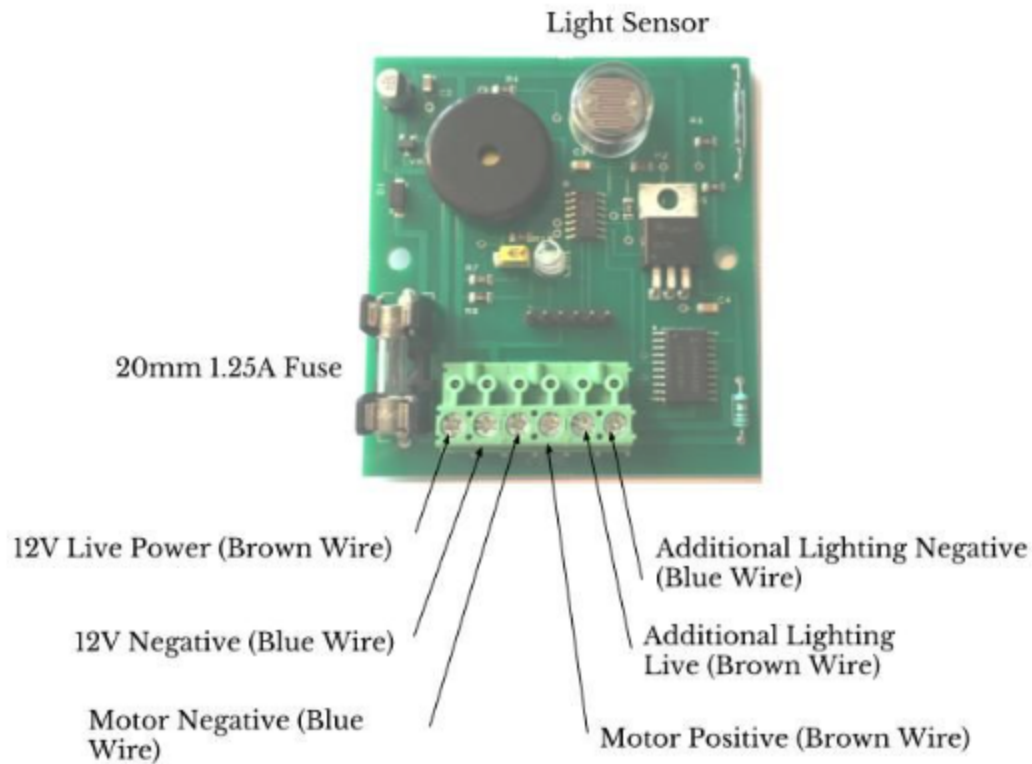
First, unpack the items and check that you have everything:

- The domed mechanism with a short cable coming out its base. The curved base corresponds with the coop you specified you have when the order was placed.
- A cable with loose wires at one end, and a black connector at the other (labelled "motor")
- Screws x 3 (for fitting it to the coop, if you want)
- Spare adhesive pad

Before we start with installing the mechanism on the coop, please:

- 1) Disconnect the white clips near the battery. This will totally disconnect power to the opener.
- 2) Remove the old-style opener from the top of the coop. Please ensure the top of the coop is completely clean and free from dust and dirt where the new opener will be installed (around the handle in the roof).
- 3) There is a wire going from this motor mechanism into the control box (with clear plastic lid, and circuit board inside). Please:
 - a) Open the control box using a large flat-headed screwdriver. It may need some persuasion to get the lid off because of the waterproof seal, but it will not break!
 - b) Loosen the black waterproof 'gland' underneath and outside the box. This can be done with a spanner.

- c) At the bottom of the circuit board, there is a green connector with six positions for cables (please see diagram below). Please unscrew the old cables going to the motor, and screw in the new wires on the loose cable supplied (black wire on the left, red on the right).
- d) Tighten the waterproof gland and seal the box as it was before. **Please make sure it is mounted once again on the side of the coop (not on the roof), with the cables hanging down with gravity. This helps ensure that water cannot get in.**

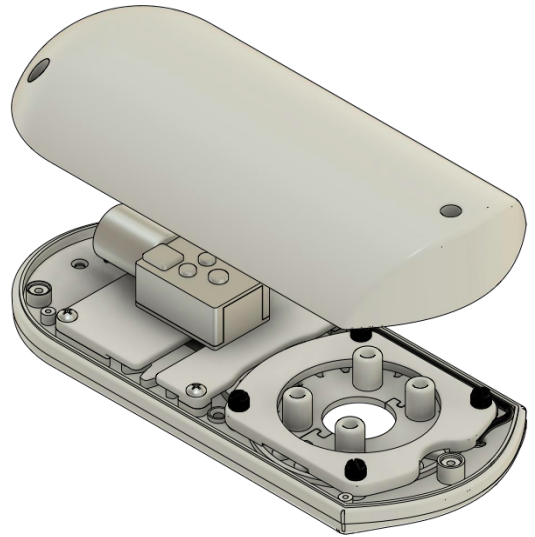


Important - Please Read

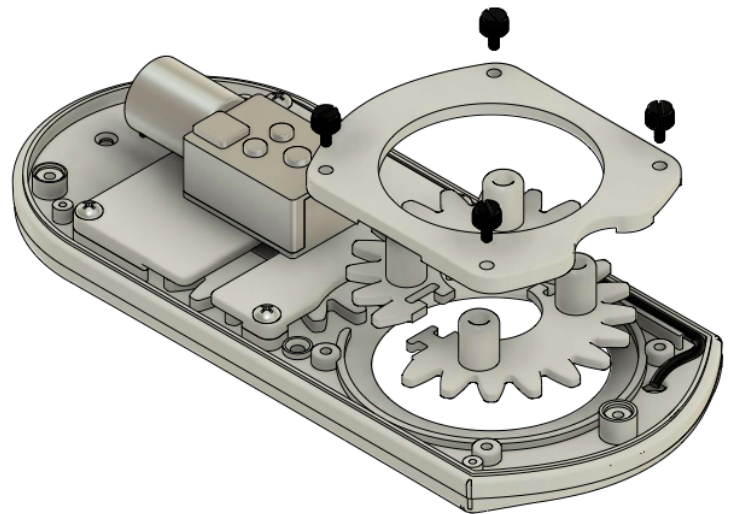
Do NOT try to force the unit/door to open or close by hand as the mechanism is designed to lock and not move when forced. Instead, please cycle the power on/off to open or close the door as intended.

When installing in the cold conditions in the wintertime, we recommend using a hairdryer on each area so that all moisture is driven off and the coop is warmed up. The sticky pads may not adhere to the coop otherwise; the alternative is to use the screws provided.

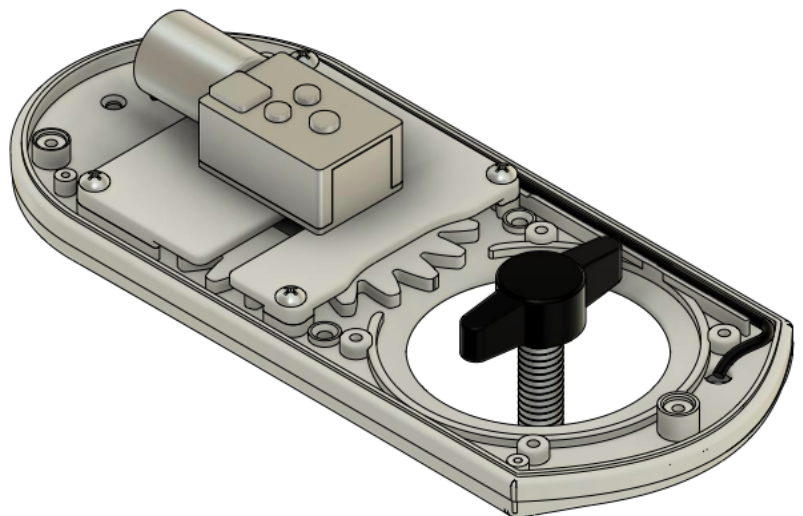
- 1) Take the lid off the mechanism. This can be done by removing the bolts in the domed lid.



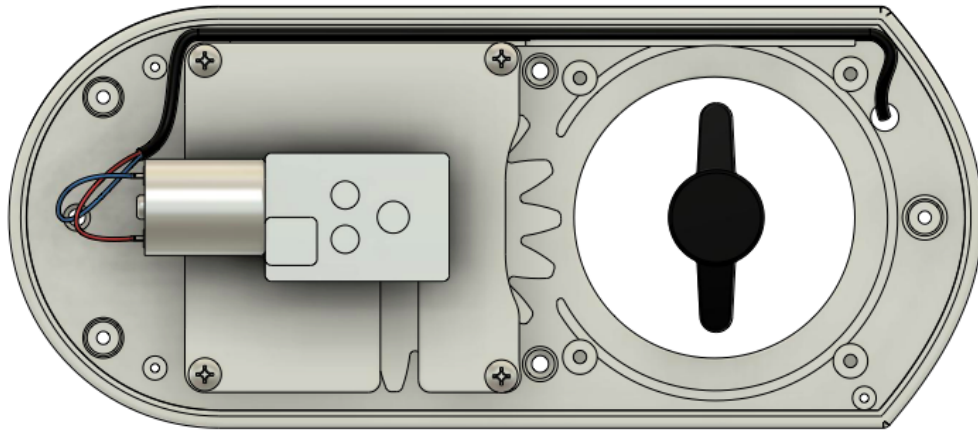
- 2) Remove the four black thumb screws. This will enable you to remove the split cogs.



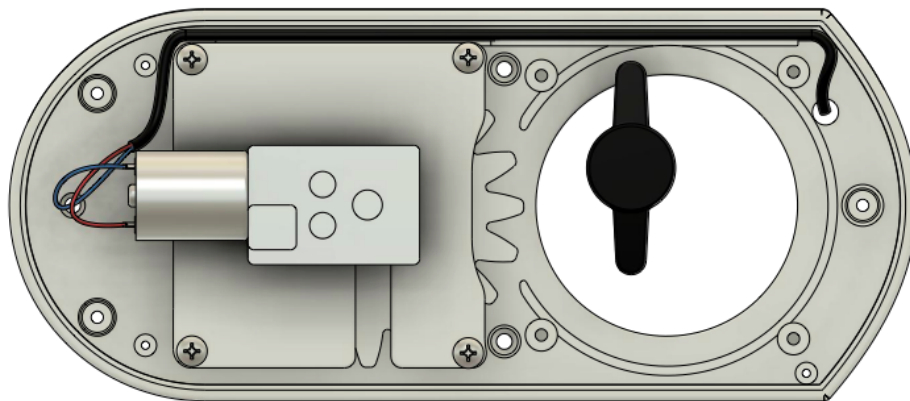
- 3) Place the mechanism over the hole in your coop where you can normally open and close the door using the twistable handle. Pull the handle up by hand so you can see how the opener is positioned relative to the coop's twist handle.



- 4) Make sure the handle is situated in the middle of the hole in the opener. Here is an example of a **good** alignment:



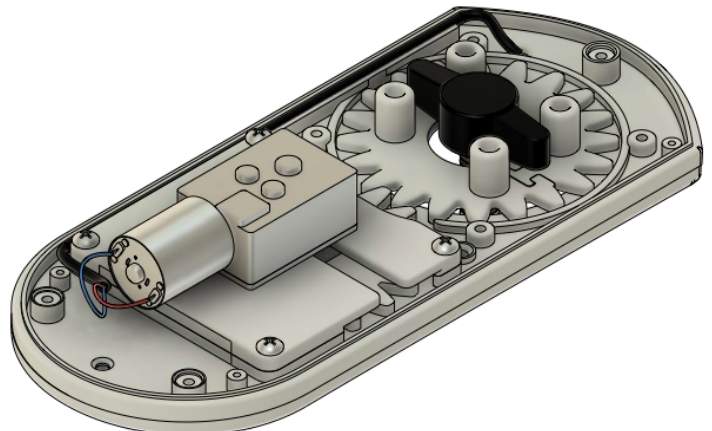
Here is an example of a **bad** alignment:



Move the opener until the alignment is good.

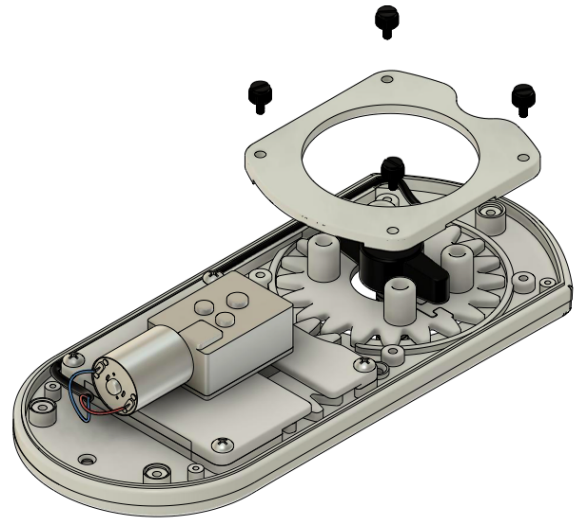
- 5) Remembering this alignment, take off the backing on the sticky tape on the base of the opener mechanism, and stick the opener down in this position. **You will need to feed the cable coming out of the opener into the hole in the top of the coop. This enables the opener to be mounted flush on the coop, and for the motor wire to be hidden (not trailing along the top of the coop).**

- 6) Hold the handle of the coop up as far as it will go. Slot the two split cogs around the handle, then let the handle fall back down (so it is supported by the now whole cog).

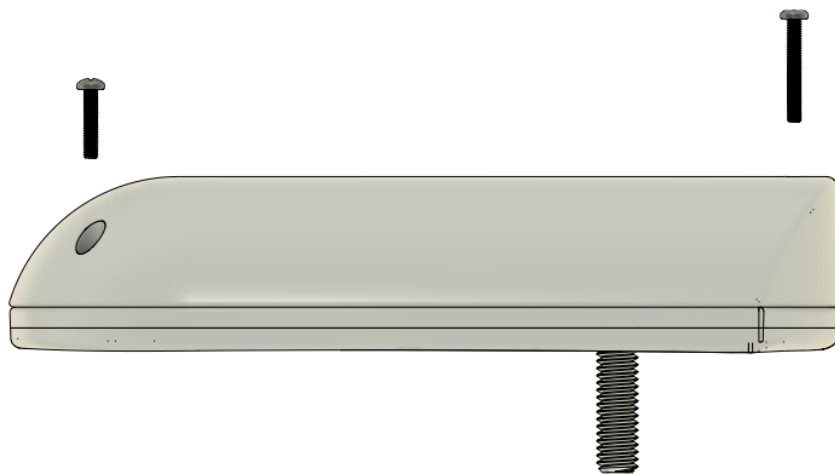


Check that the alignment is still good and in the middle. If it isn't, move the opener until it is. This can be done just by pulling the opener off the top of the coop before the sticky tape reaches its full sticking power (full sticking power is attained after around 1 day, so you have plenty of time).

- 7) Hold the split cogs in place using the clamp and the four thumb screws. These can be tightened down (finger-tight) with your fingers. **Check that the cogs are seated down nicely, and that the clamp isn't holding the cogs in a strange, not-seated position. The cogs should be able to wobble!**



- 8) Put the lid back on using the three bolts you removed before



- 9) You will have to tease the motor wire out from under the coop's roof, which you can access by a gap in the front of the coop between the coop and its roof. This is the same gap that the Eglu mesh runs fit into.
- 10) You can now connect this wire coming from the motor to the similar cable coming from the control box labelled 'motor'. Push them together firmly and stow these in the recess between the coop and the coop roof.

In the winter, we recommend putting a very small amount of grease or vaseline around the frame of the coop door. This will help prevent frost freezing the door shut (think how hard you sometimes have to pull to get your car door open on frosty mornings... the grease will prevent this!).

If after a couple of weeks you are happy with the unit, or are going away and want that added security, secure the unit to the top of the coop with the screws provided (there are three purpose-made holes inside the mechanism for this).

For FAQs, or for general troubleshooting, please visit www.hentronix.co.uk or email info@hentronix.co.uk

