

Replace motors mechanism Smartb

In this document you will find a description how to replace the throw flaps motors system in the Smartb

You will need:

- a new set of motors mechanism
- a set of allen keys
- cross screwdriver

Before replacing disconnect device from the power supply!

With practice, some points can be omitted, but the simplest path will be described here

Step 1 Remove metal cover with shape

- Open door
- Unscrew metal cover



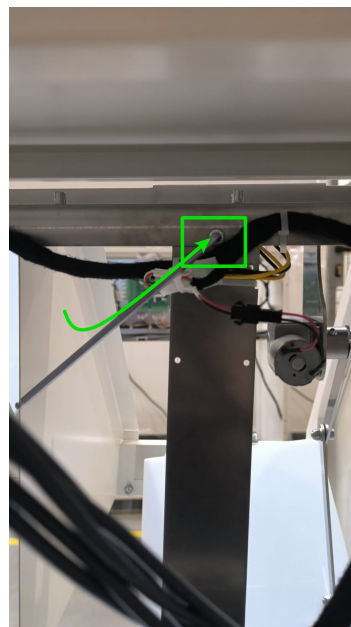
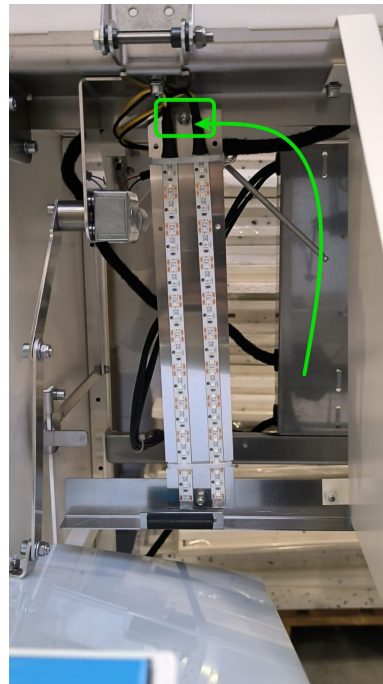
Step 2 Unscrew plastic flaps (optional)

- this is just to have easier access to the motor plug and screw. Is not always necessary
- **Depending on the hardware version, may be blind rivet nuts or a separate nut**



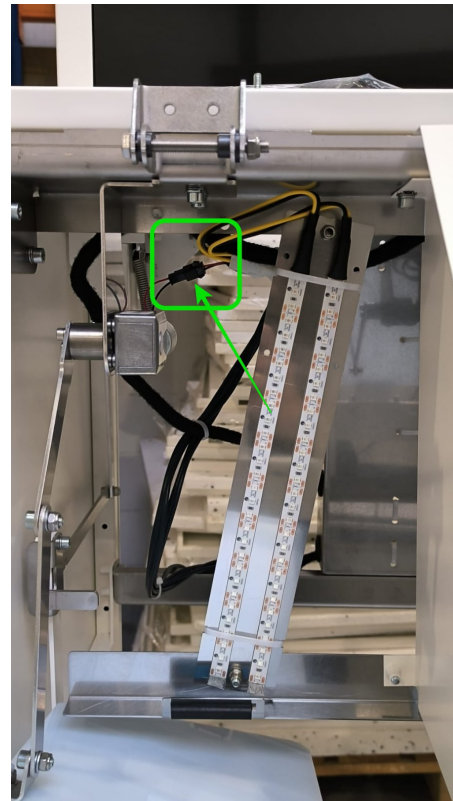
Step 3 Unscrew led holder (optional)

- this is just to have easier access to the motor plug and screw. Is not always necessary
- **Depending on the hardware version, the bolt may be from the front or rear**

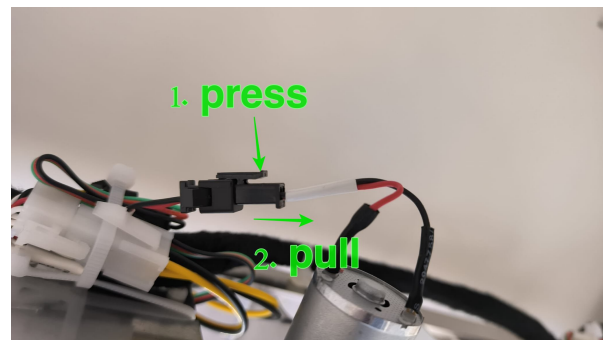


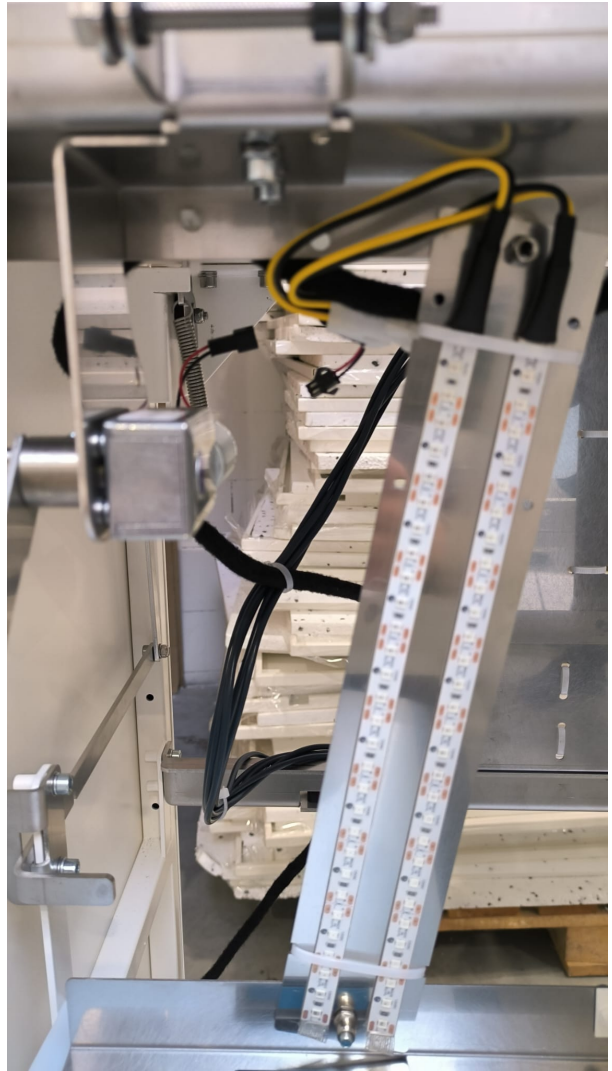
Step 4 Unplug motor cable

- there is only one two-pin plug with a red and black cable



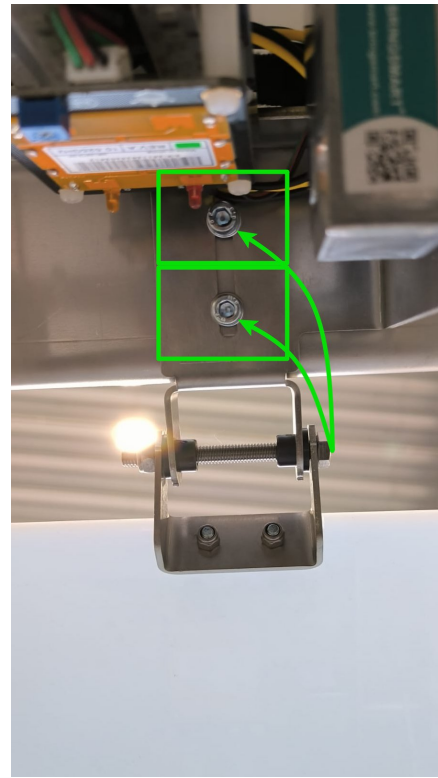
Never pull the cables, only the plastic connector!





Step 5 Unscrew motor mechanism

- there are two Allen screws holding the entire mechanism



Step 6 Now you can replace with new mechanism and assembly with opposite direction of the points



- when installing the new mechanism, make sure that the parts fit together as in the photo



Checklist after replace:

- ☐ no screws remain
- ☐ motor work properly on full range in proper direction
- ☐ LEDs works OK

☐ person detect system works OK (on bin 2 and 4)

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