

Lightblade

QK-LEDKIT

High Visibility Neon Effect Lighting System for ICARUS series Automatic Barriers

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- QK-LEDKIT3 for 3m barriers
- QK-LEDKIT4 for 4m barriers
- QK-LEDKIT5 for 5m barriers
- QK-LEDKIT6 for 6m barriers

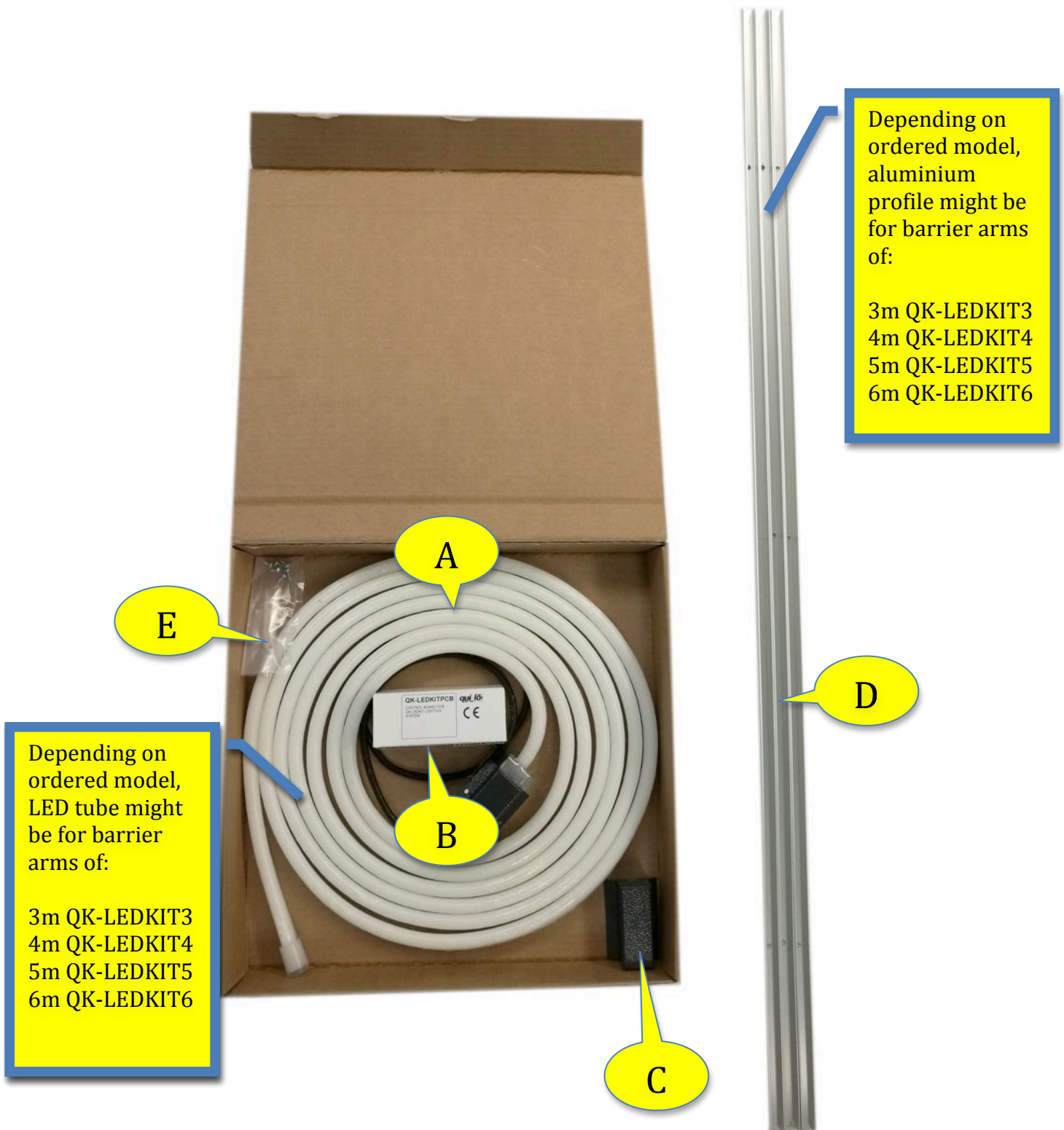


qui|lö[®]
opening solutions


use and maintenance manual

The system can be installed on brand new or pre-existing automatic barriers of QUIKO of ICARUS serie

Contents of the kit:



- A : 24V NEON EFFECT LED TUBE FOR 3-4-5-6m BARRIERS
- B : QK-LEDKITPCB CONTROL BOARD FOR QK-LEDKIT LIGHTING SYSTEMS
- C : METAL COVER FOR NEON EFFECT LED TUBE
- D : ALUMINUM PROFILE FOR 3-4-5-6m BARRIERS
- E : SET OF FIXING SCREWS



Following procedure
is for barrier arms
going down on the
left side. For other
side please select
opposite holes.

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Remove Rubber cap from barrier housing

okinb
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By means of scissors, cut it inside so to allow passage of LED power supply cable







Re-position the rubber cap in its position within barrier metal housing



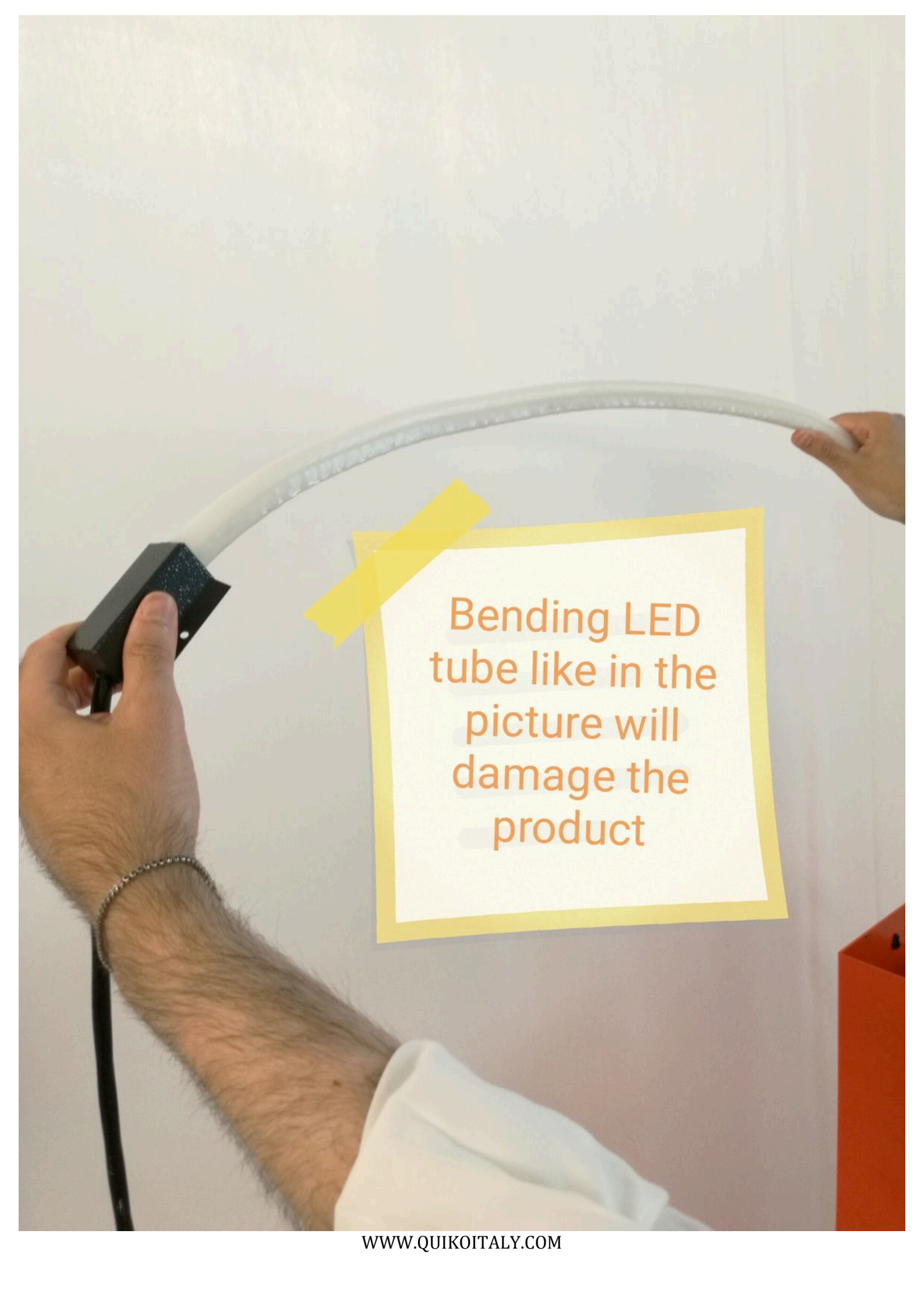
Get the LED tube
ready for installation





Pay attention on
handling LED tube with
care

Bending LED
tube like in the
picture won't
damage the
product

A person is using a heat gun to bend a white LED tube. The tube is held in a curved shape. A yellow sticky note with text is placed over the tube. The background is a plain white wall.

Bending LED
tube like in the
picture will
damage the
product

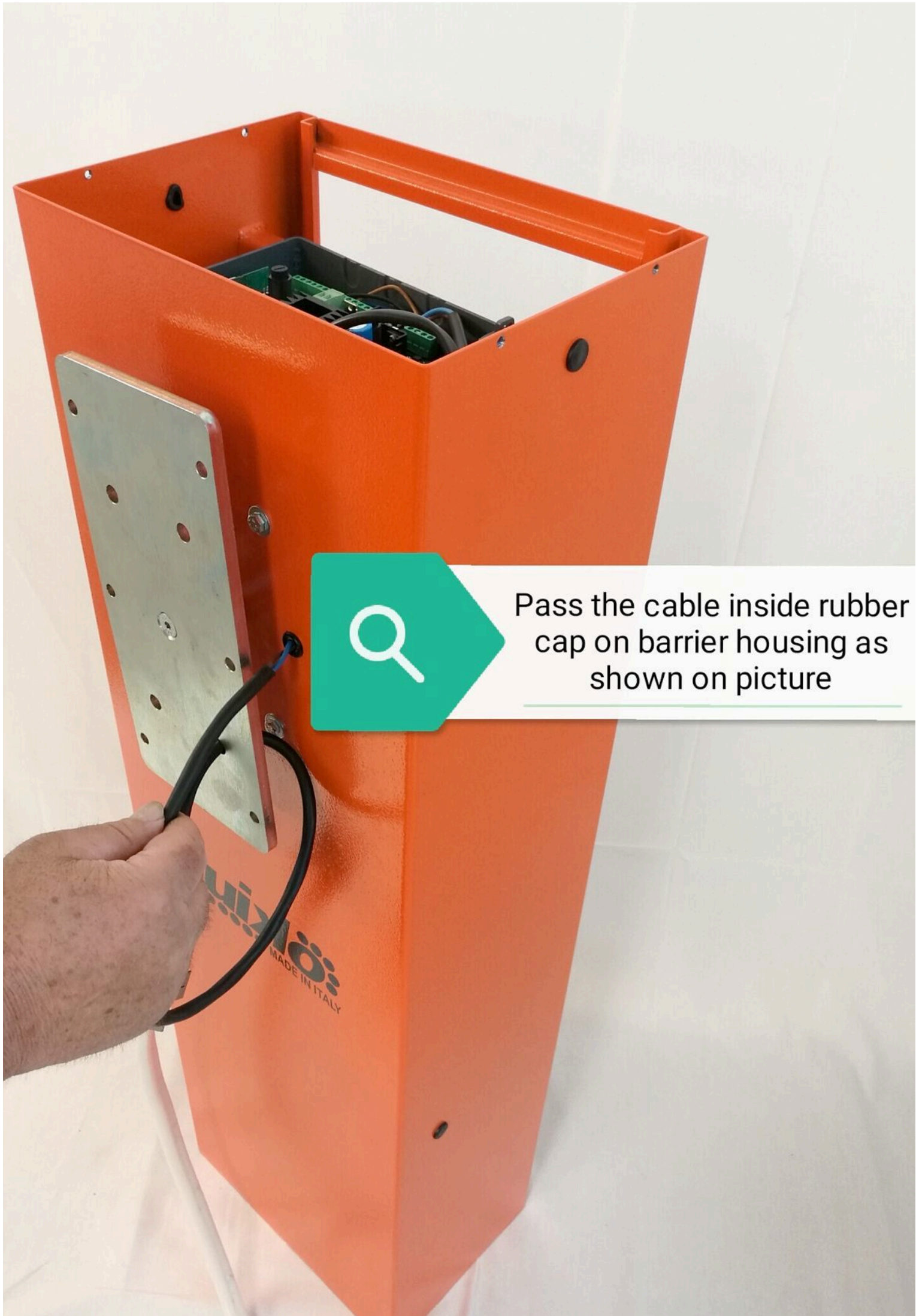


Pass power supply
cable of LED tube through
hole shown on picture



Leave about 25cm of cable on the other side as shown on picture

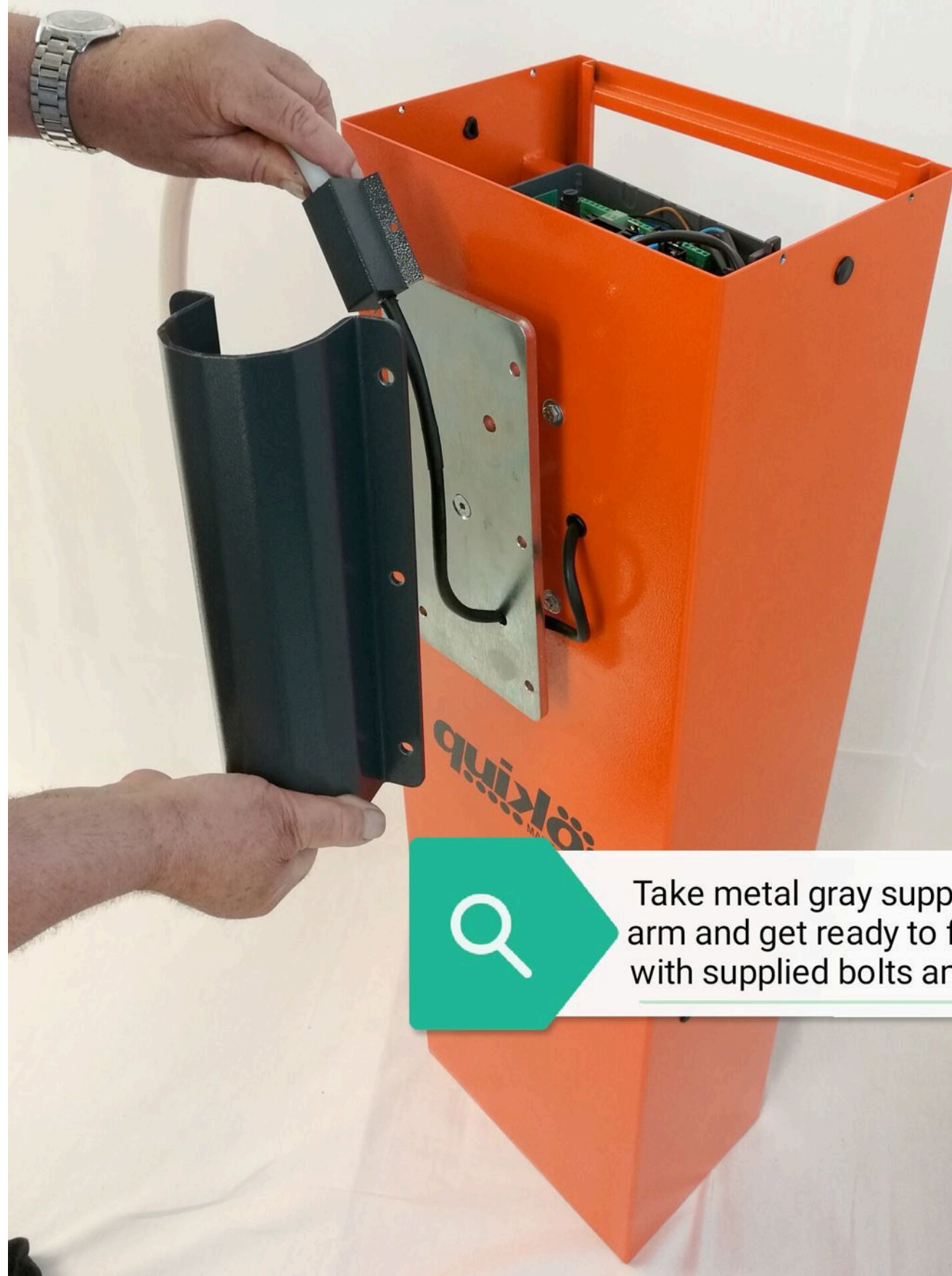




Pass the cable inside rubber cap on barrier housing as shown on picture



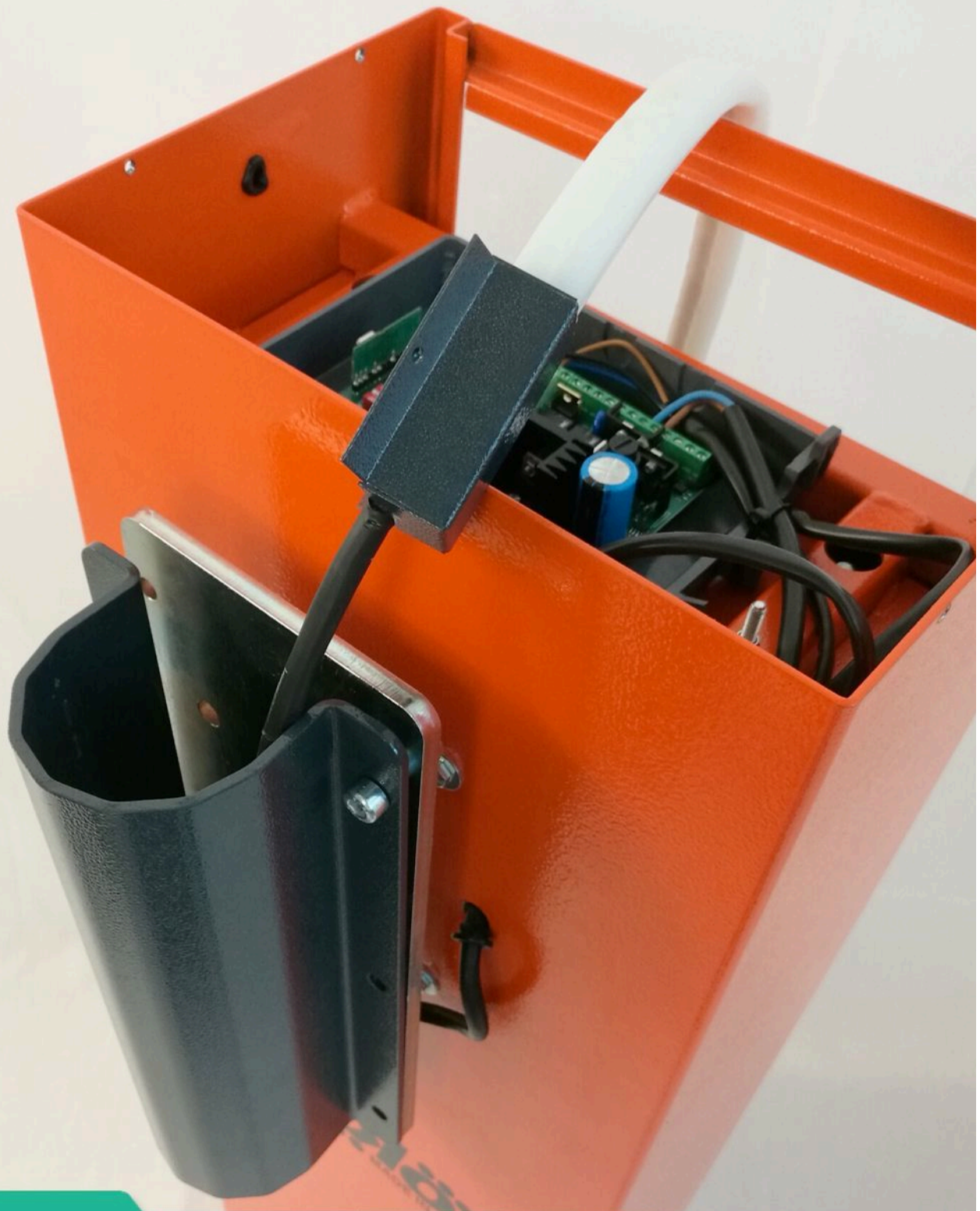
Leave extra cable between barrier housing and barrier arm metal plate, as this will be needed when the arm goes down



Take metal gray support for arm and get ready to fix it with supplied bolts and nuts



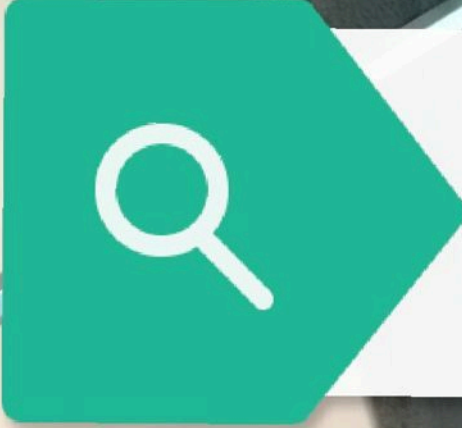
Fix it temporarily with 2 bolts and nuts only



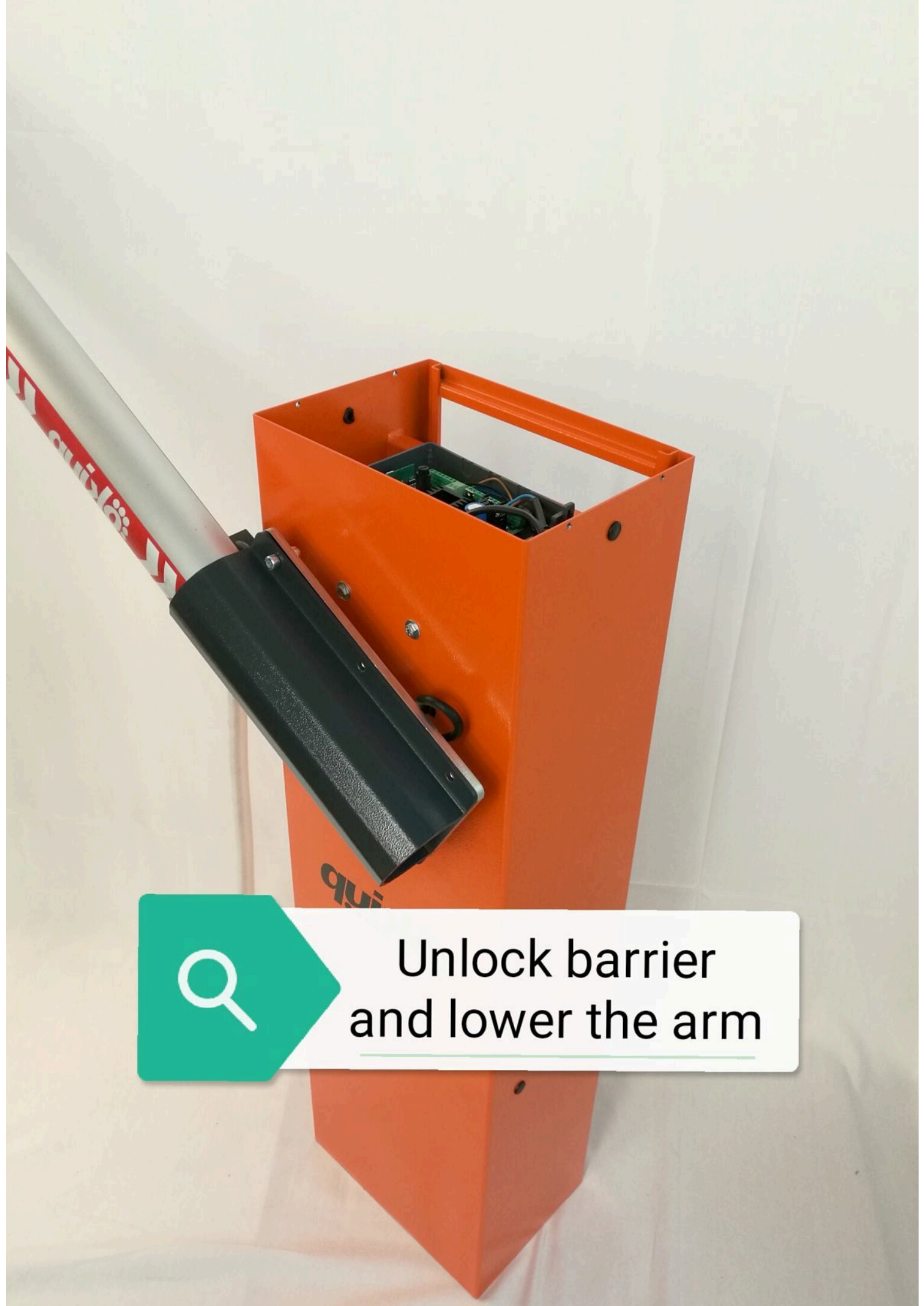
Hold LED tube power supply cable on right side of arm support as shown on picture



Insert barrier
arm



Fasten the 2 pre-installed bolts and nuts so that barrier arm will stay in its position



Unlock barrier
and lower the arm

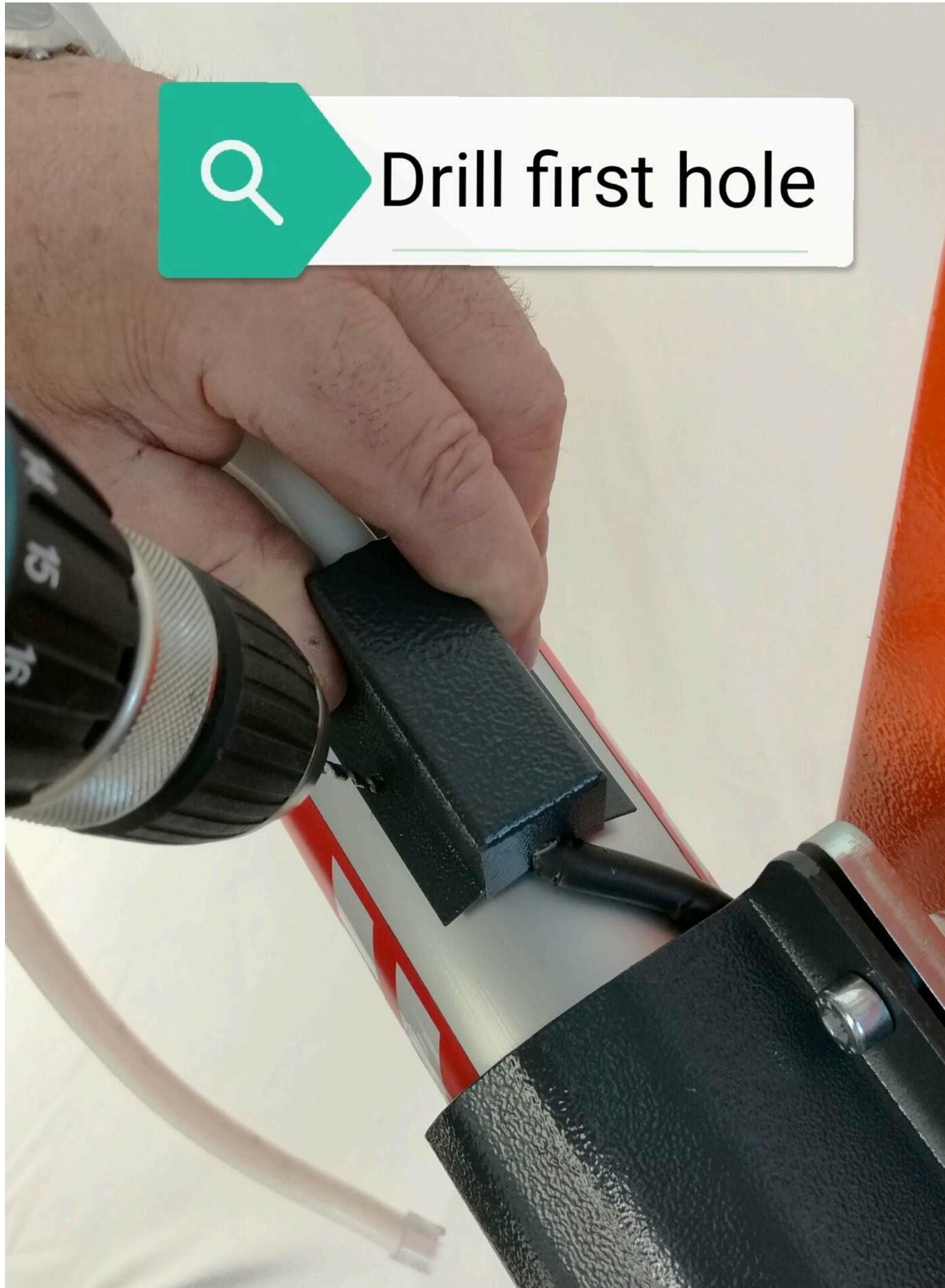


Position the gray metal cover of LED tube in the center of aluminum arm as shown on picture



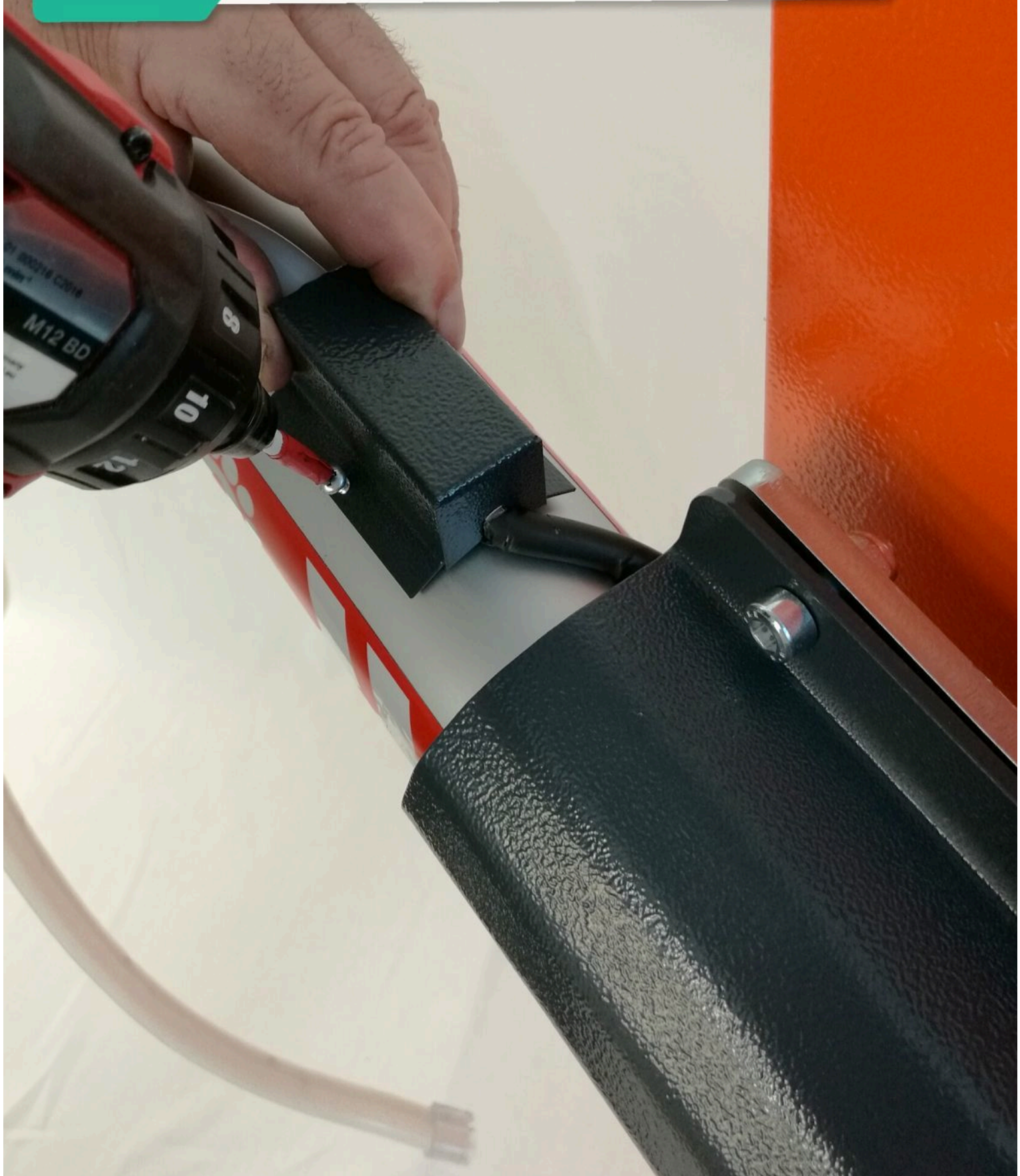


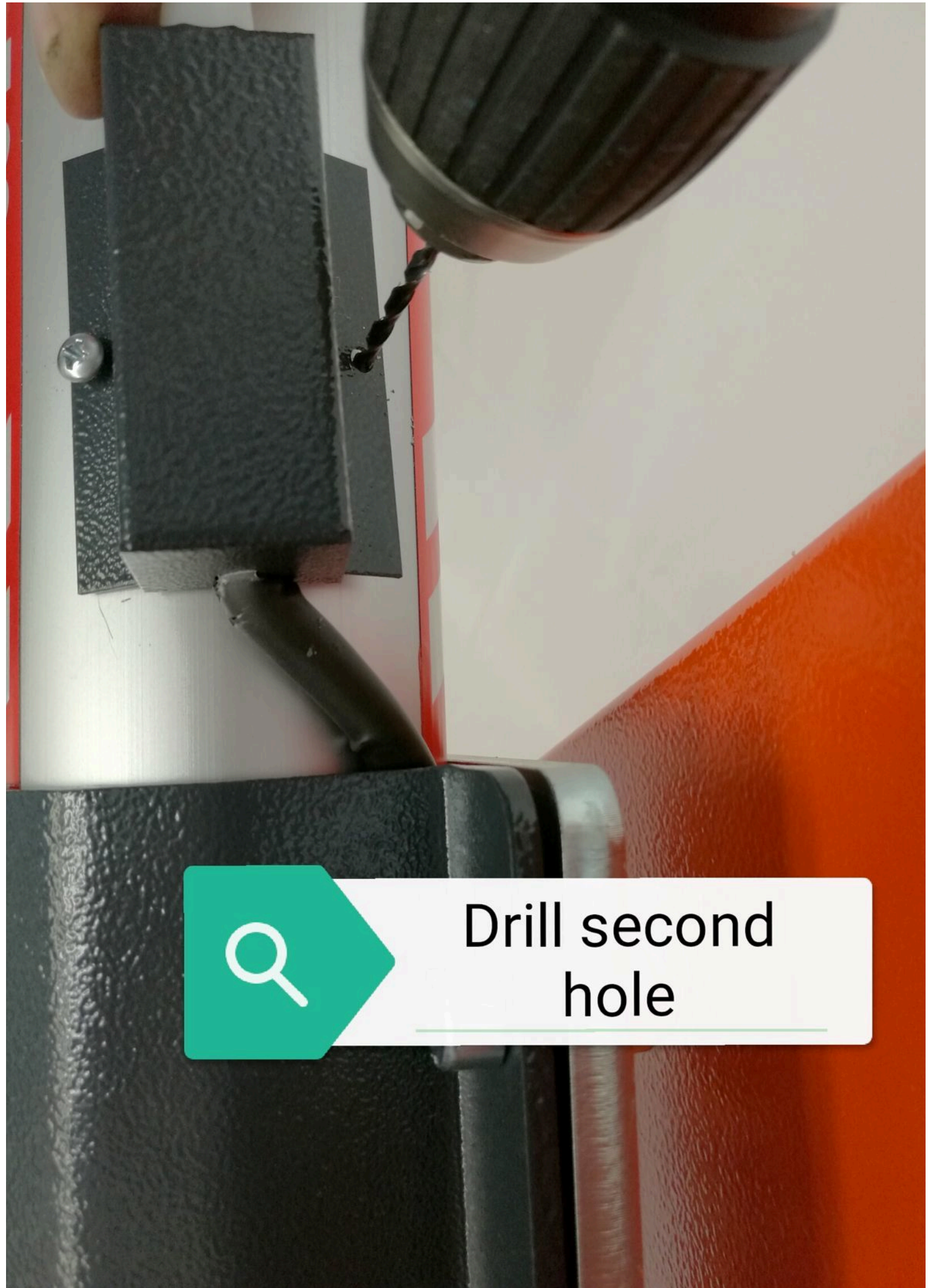
Drill first hole





Position and fasten first fixing screw





Drill second
hole



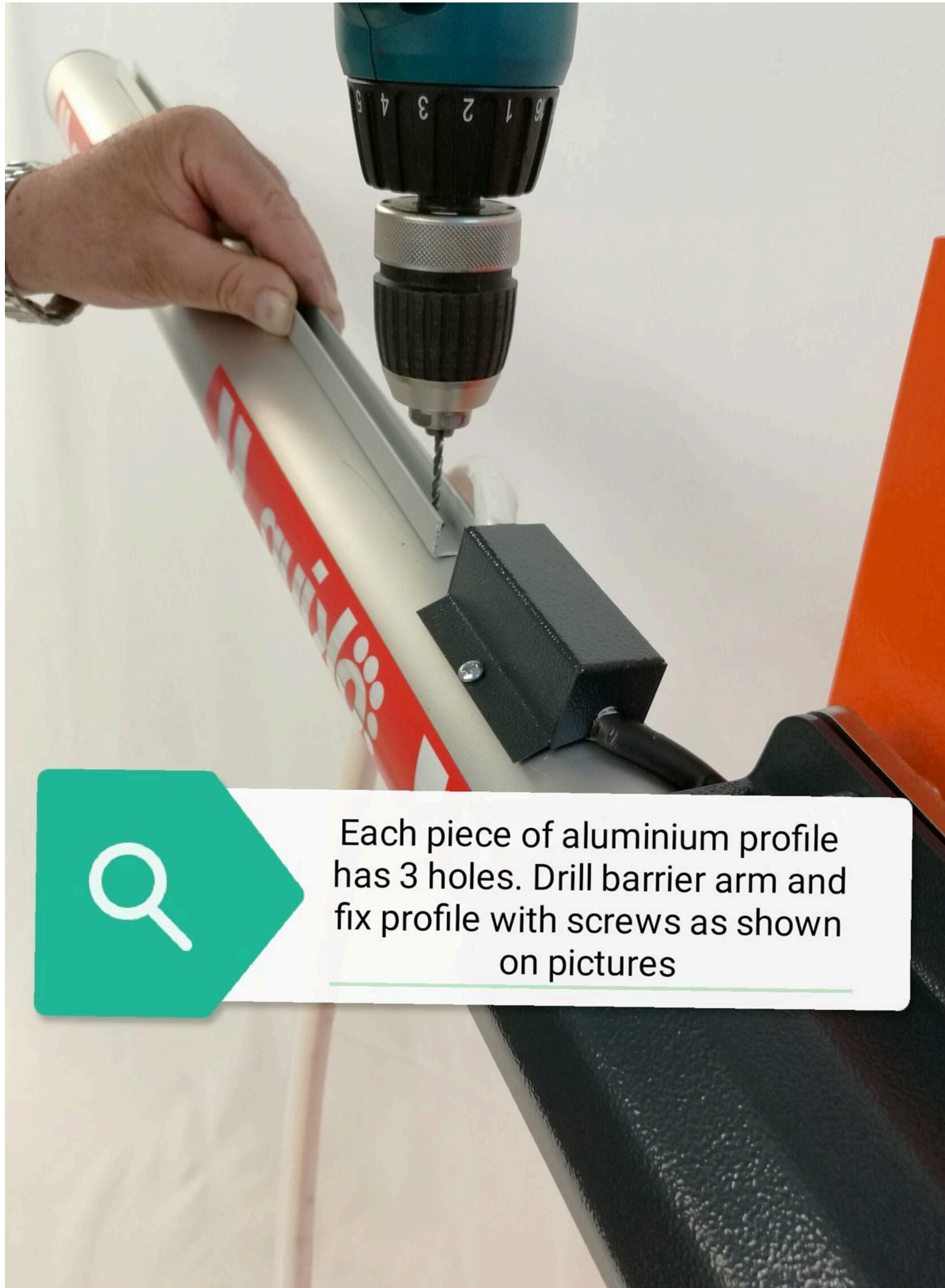
Position and fasten
second fixing screw



Position the supplied aluminium profile for LED tube on barrier arm as shown on picture



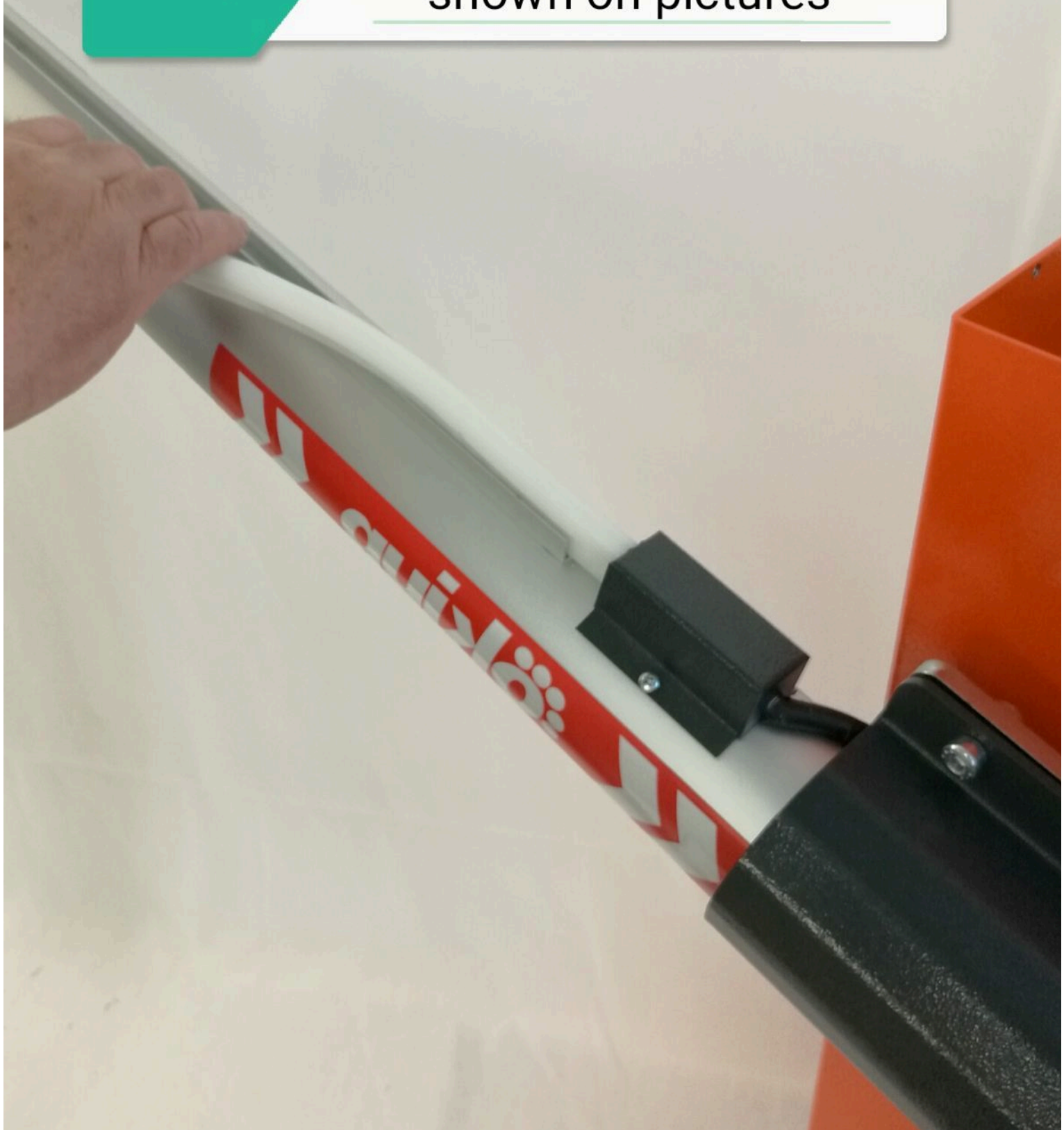
Depending on the length of the LED tube kit you have purchased, you have to fix 3-4-5-6 meters of aluminium profile. Each piece of aluminium profile is 1m



Each piece of aluminium profile has 3 holes. Drill barrier arm and fix profile with screws as shown on pictures



Insert LED tube within
aluminium profile as
shown on pictures

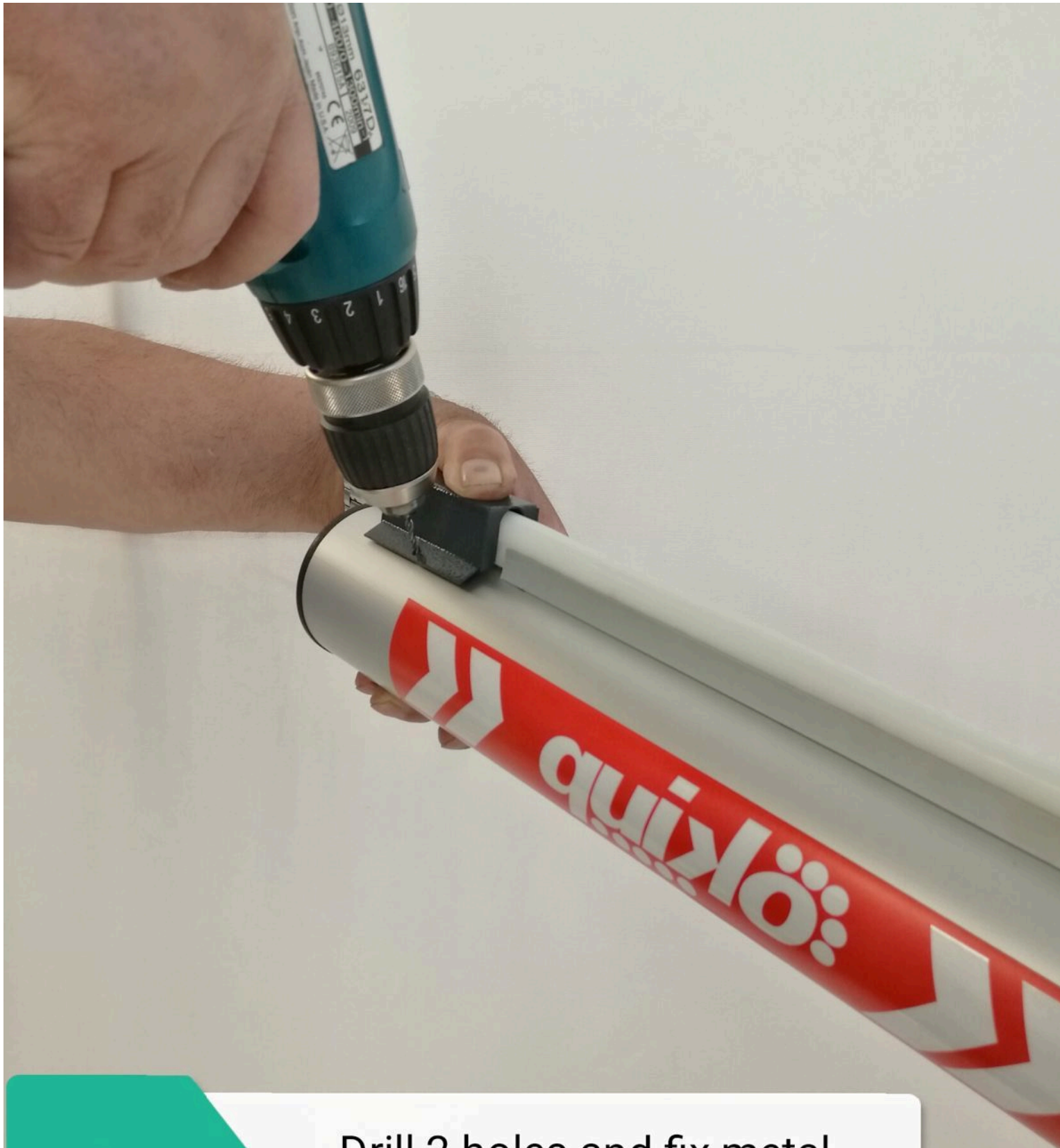






Place metal cover protection
on last part of LED tube as
shown on pictures





Drill 2 holes and fix metal cover protection with screws as shown on pictures

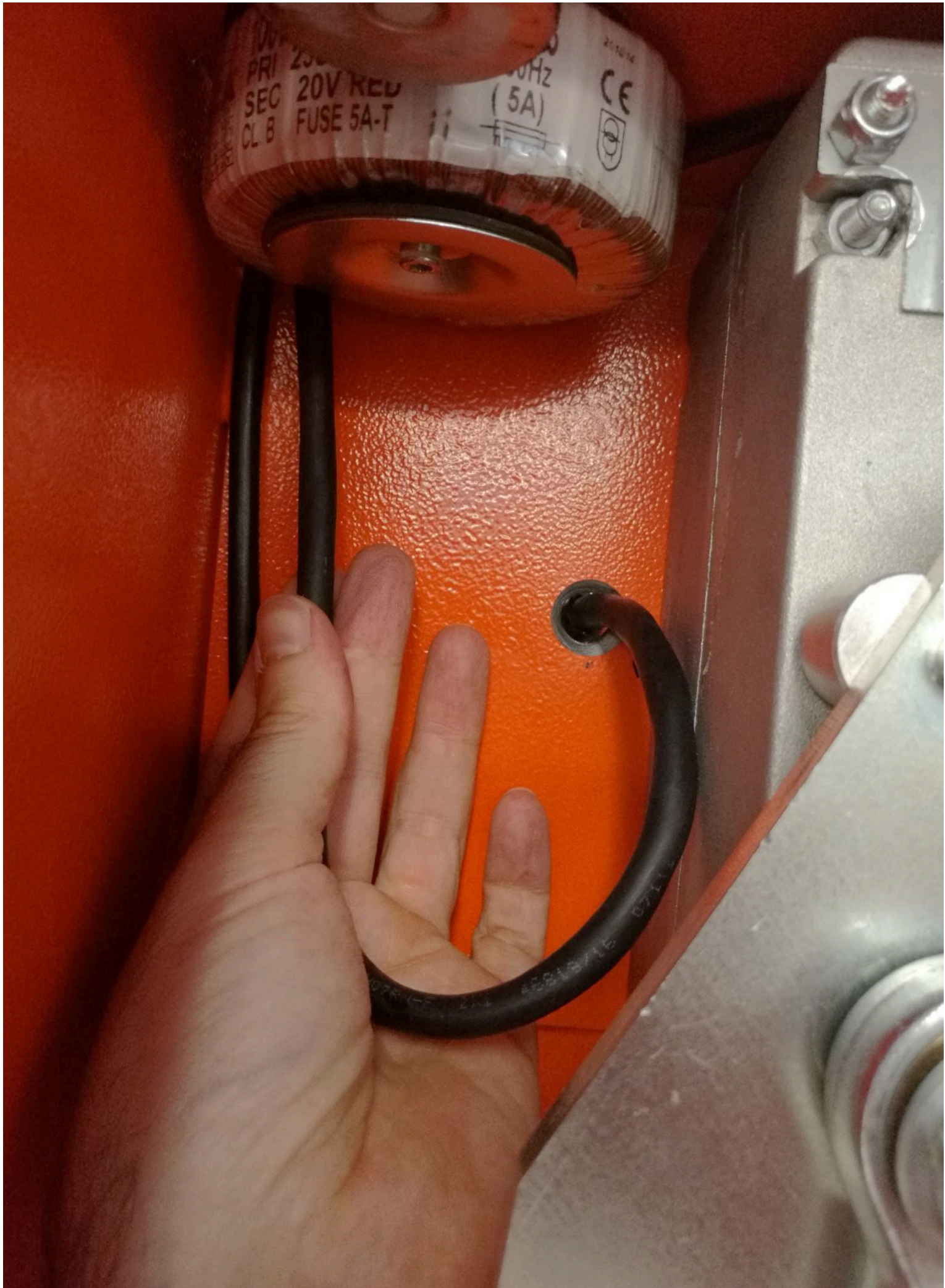








Take LED tube power supply cable and pass it through the apposite space so to reach the upper control board compartment

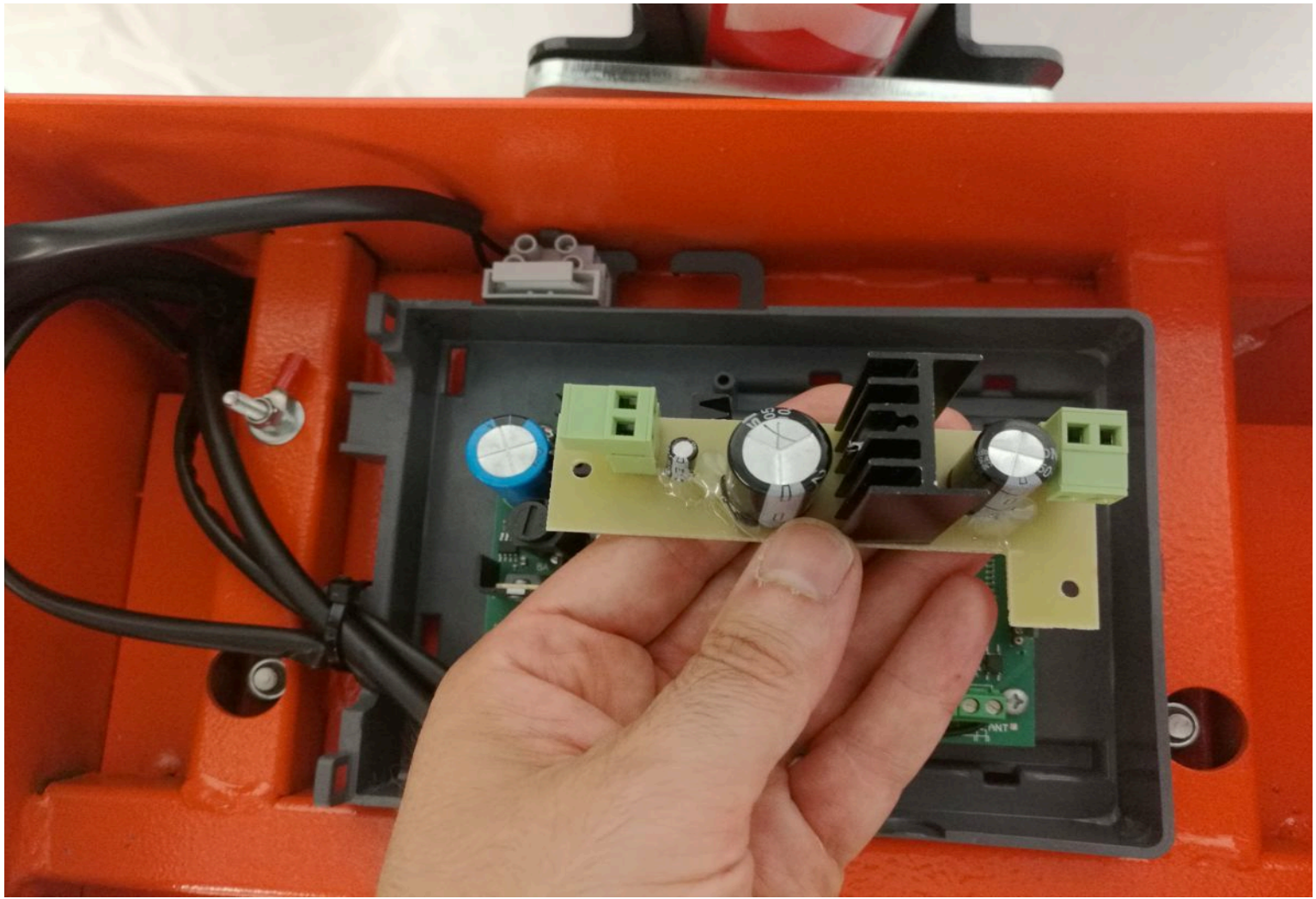


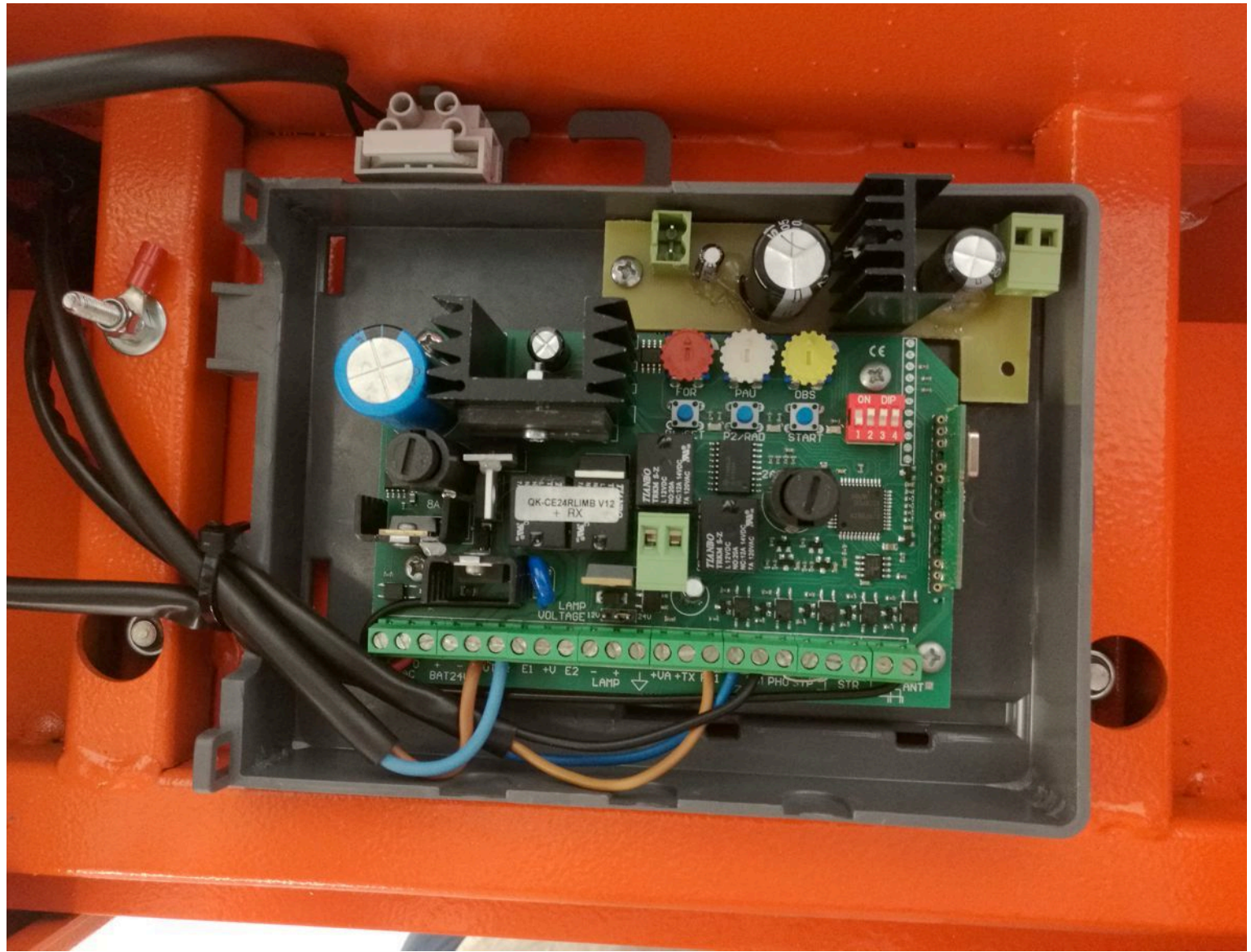




Take QK-LEDKITPCB and fix it next to barrier control board as shown on pictures

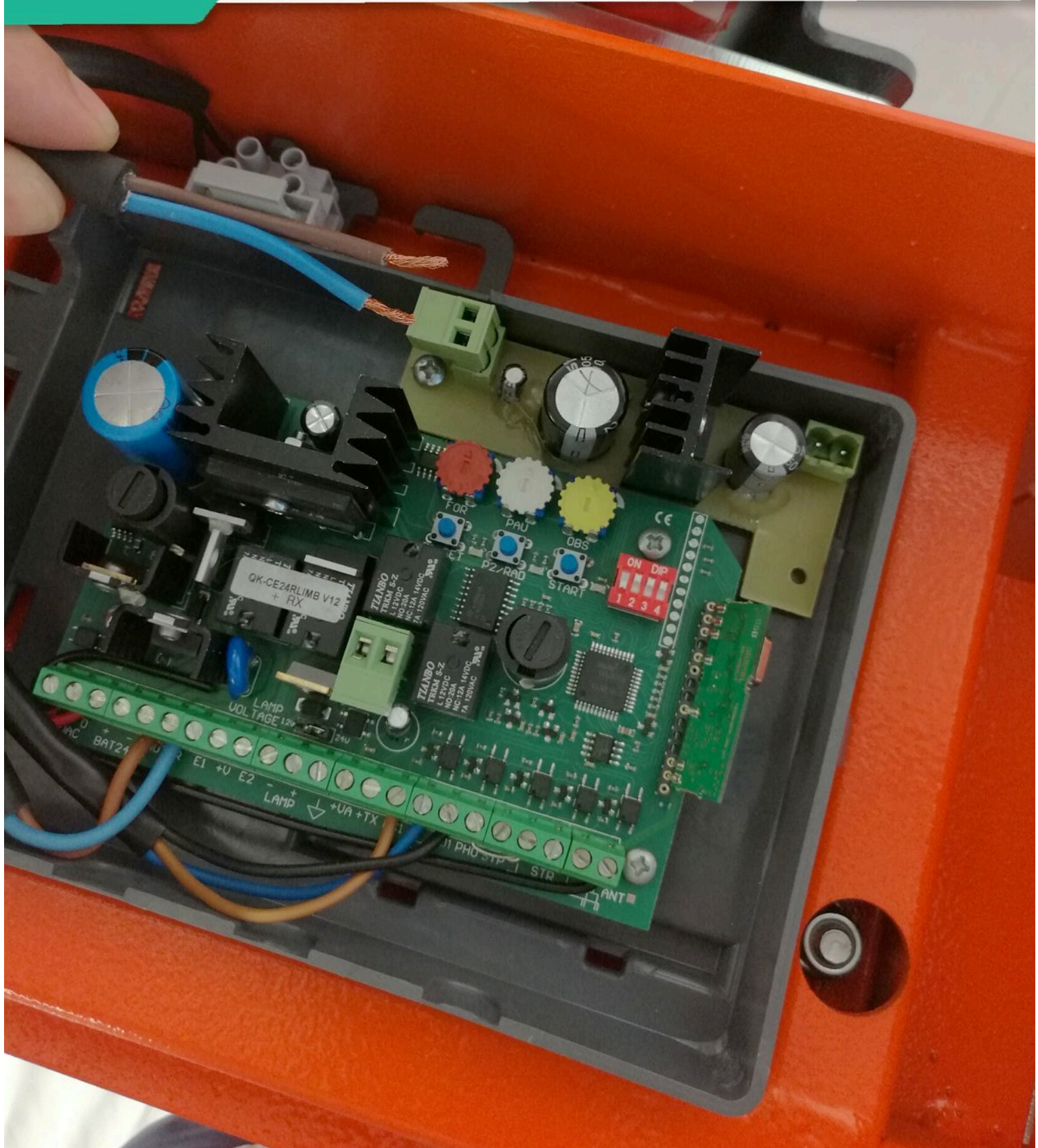


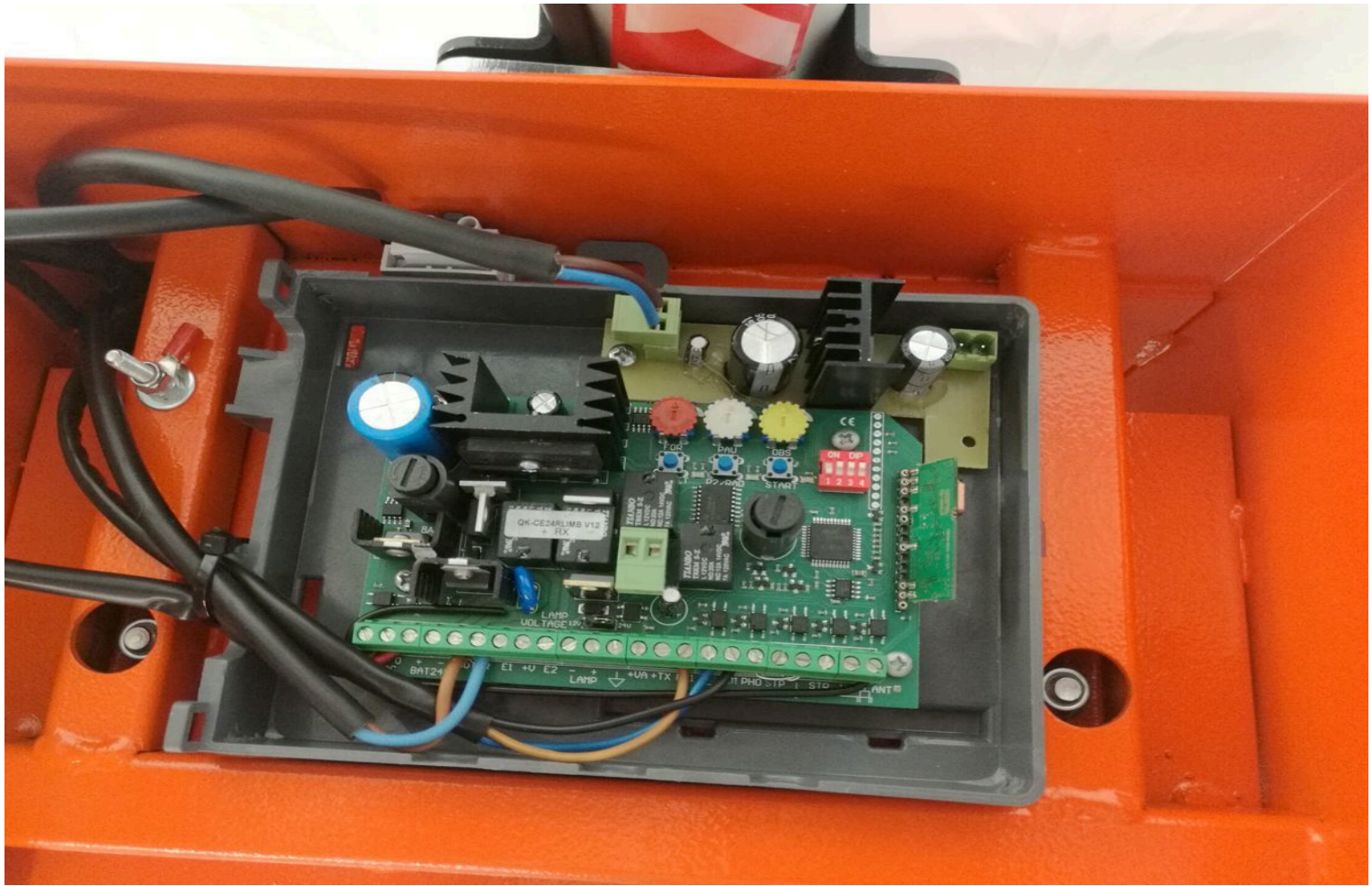






Connect LED tube power supply cable to apposite terminal block of QK-LEDKITPCB, respecting the polarity. Brown cable is (+), blue cable is (-).



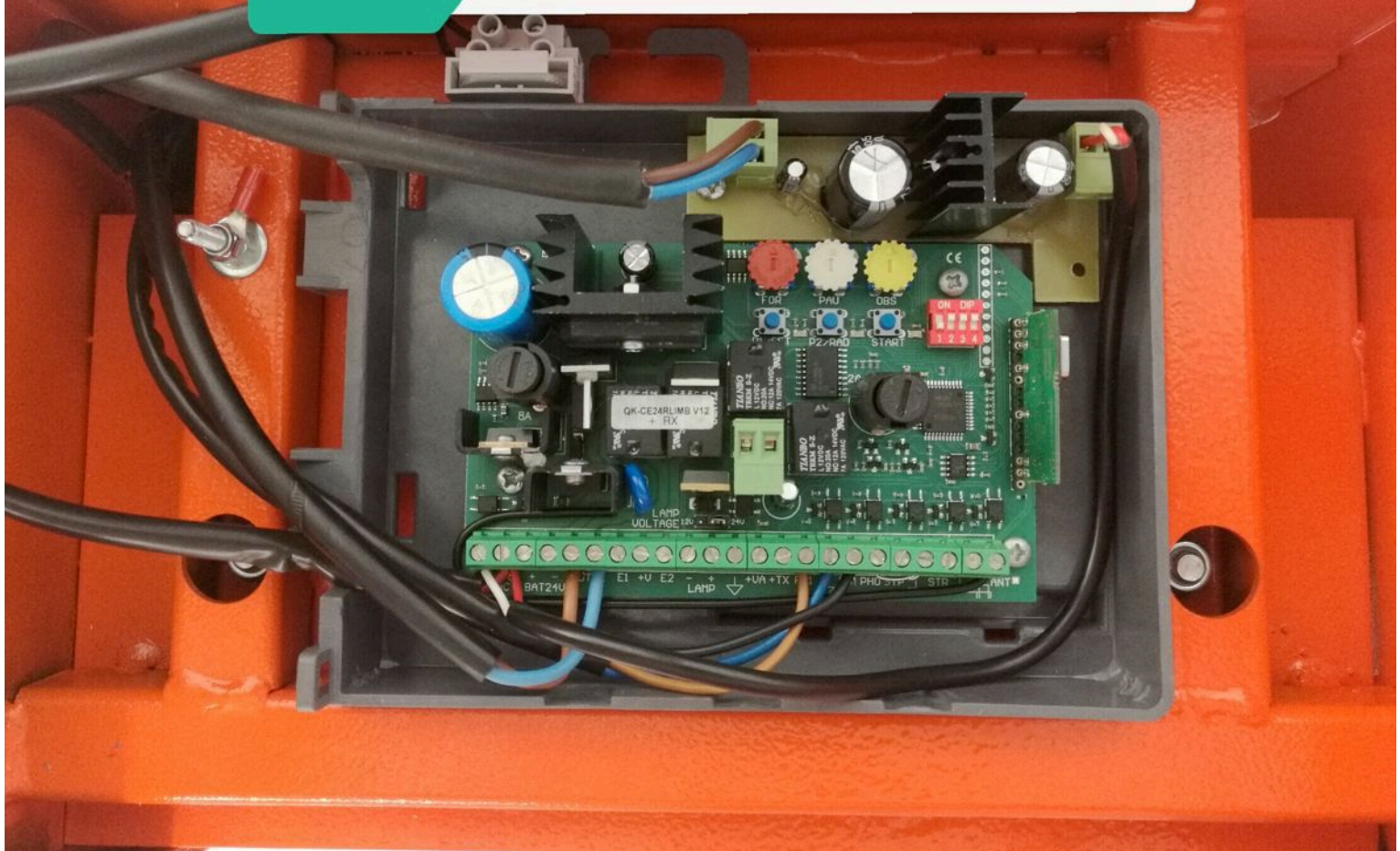


Connect two cables to other terminal block of QK-LEDKITPCB and wire them to 20Vac inputs No 1 and 2 of of barrier control board, as shown on pictures





Setup completed. Now switch on the automatic barrier system and the LED tube will flash approximately every 0.8 seconds.



Once installation is completed, finalise fixing of the gray metal support of barrier arm with all other bolts and nuts not fixed previously.

DECLARATION OF CONFORMITY

(OF THE MANUFACTURER)



Manufacturer: QUIKO ITALY SAS

Via Seccalegno, 19
36040 Sossano (VI)
Italia

hereby declares, under his liability, that products:
QK-LEDKIT3, QK-LEDKIT4, QK-LEDKIT5, QK-LEDKIT6

are in compliance with the essential safety requirements of the regulations:

- ✓ Electro-magnetic Compatibility Directive2004/108/EC
- ✓ Low Voltage Directive2006/95/EC
- ✓ Machinery Directive2006/42/EC

and their amendments and modifications, and with the regulations set forth by the National Legislative Body of the country in which the machinery is destined for use.

Sossano, 26/01/2017

Managing Director
Luca Borinato



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*The Manufacturer can technically improve
the quality of its products without
any prior notice.*