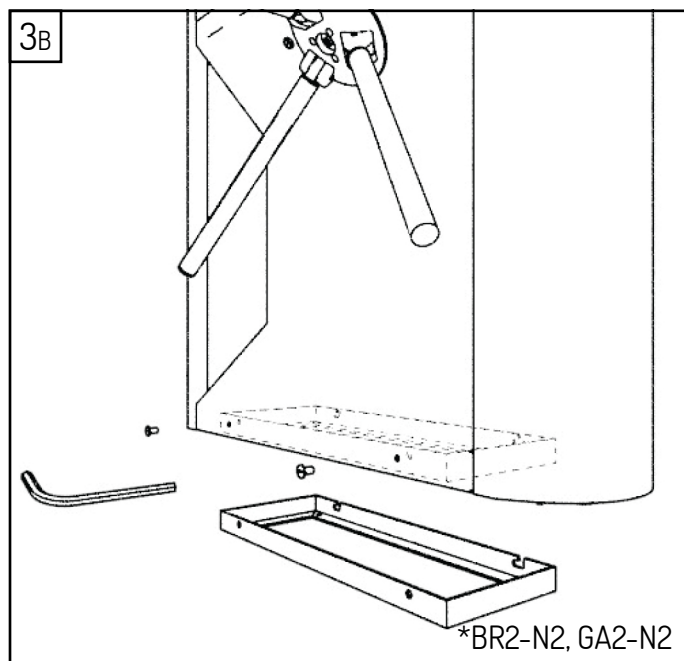
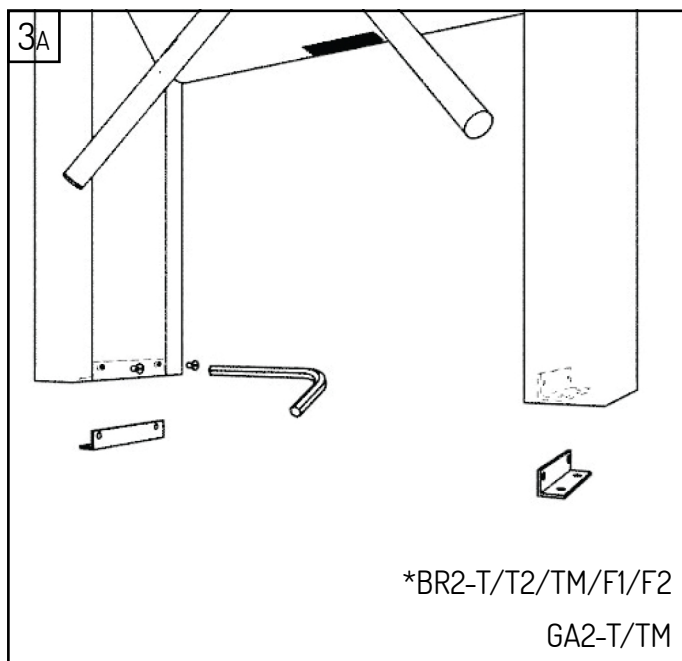
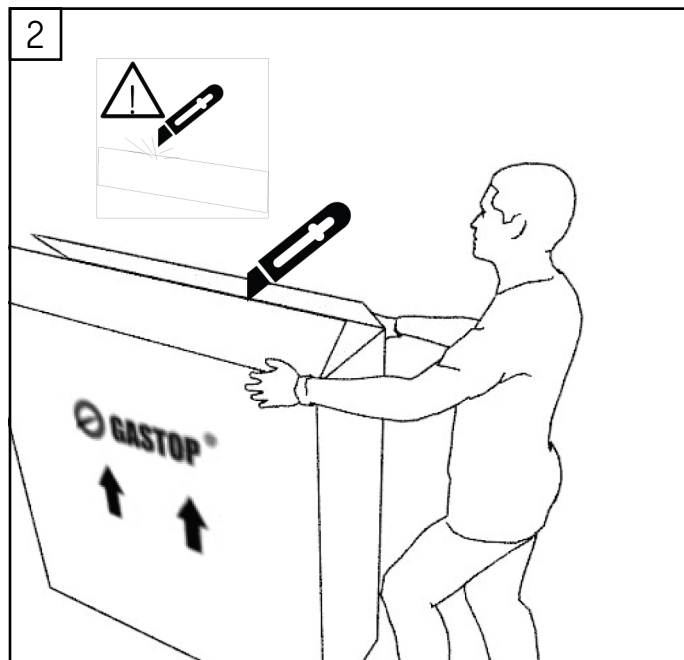
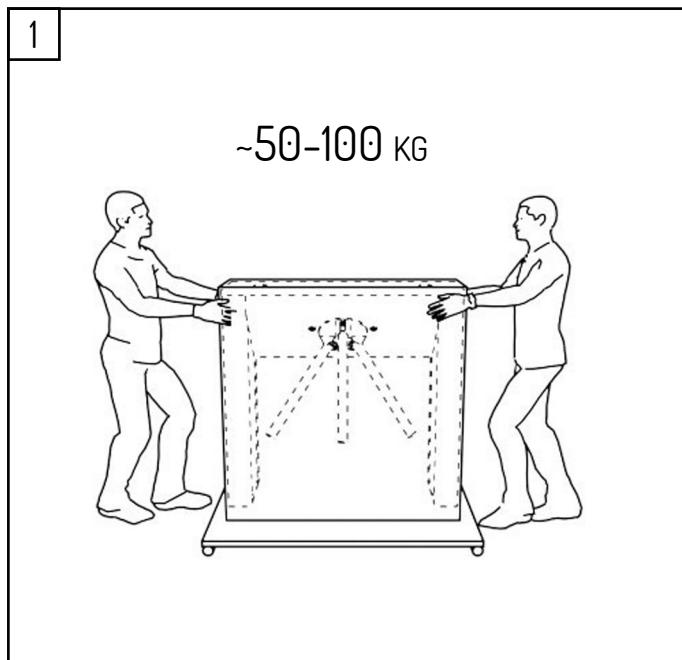
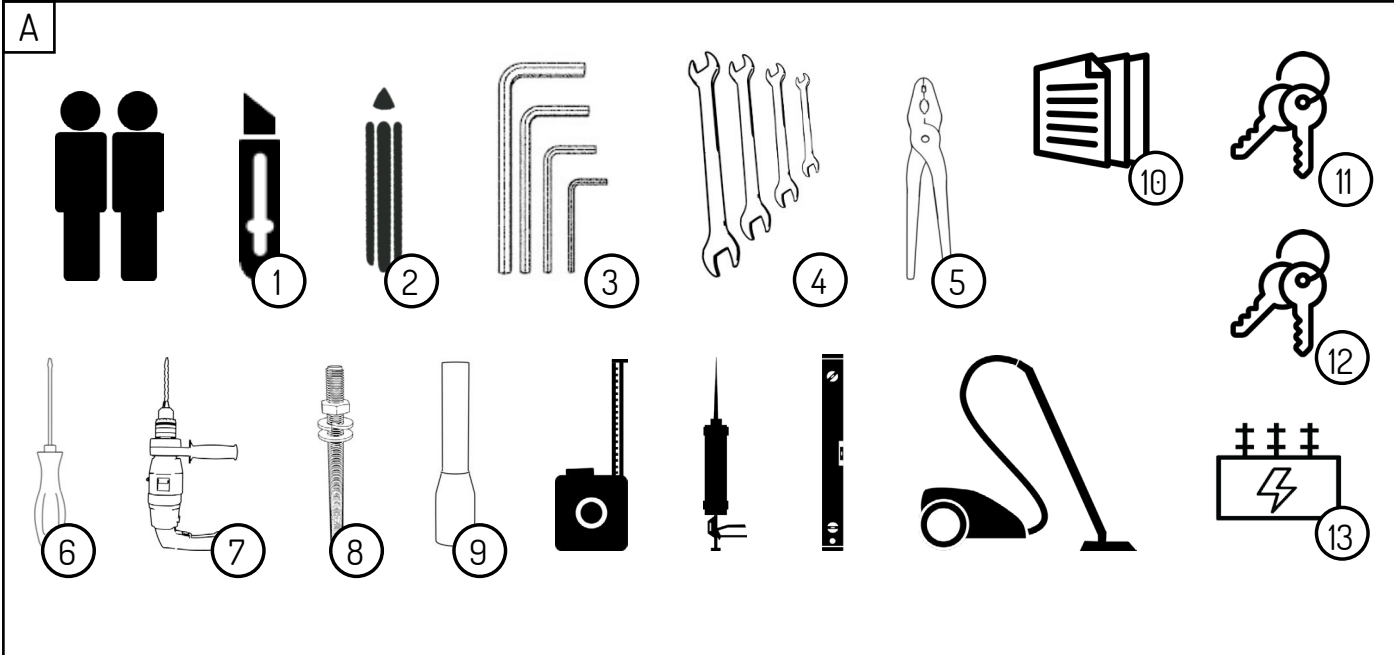
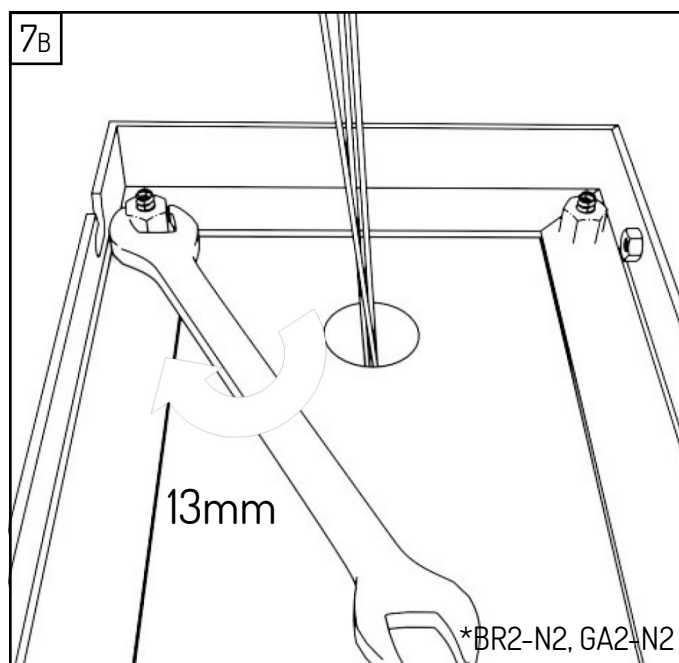
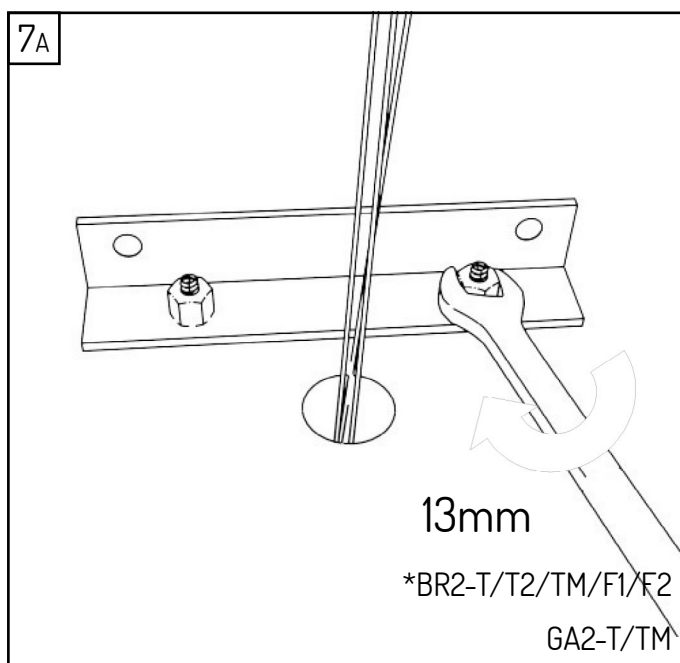
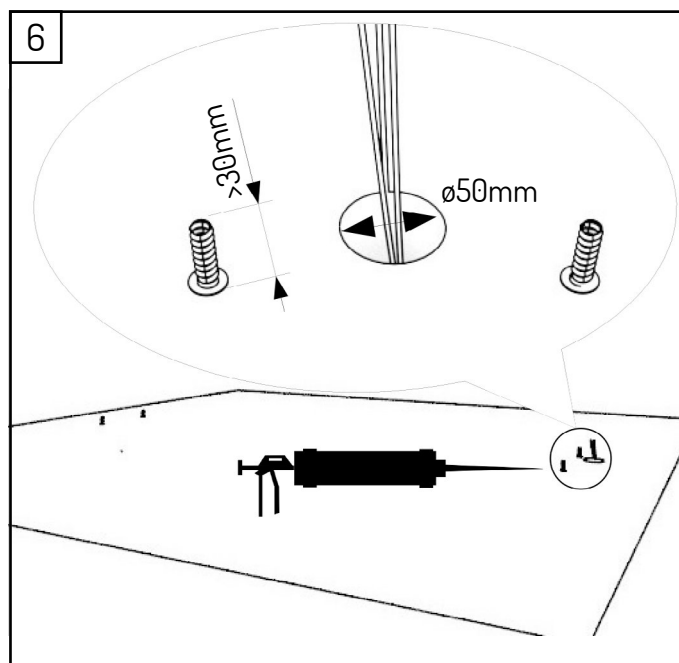
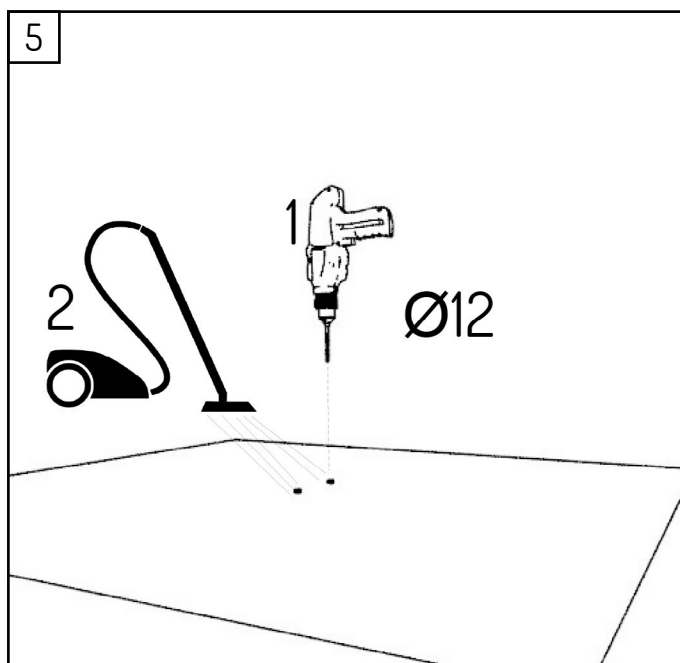
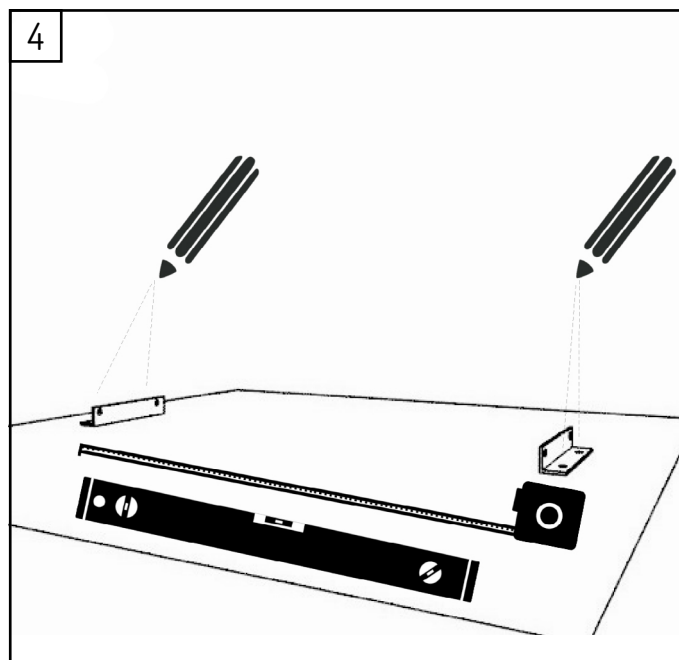
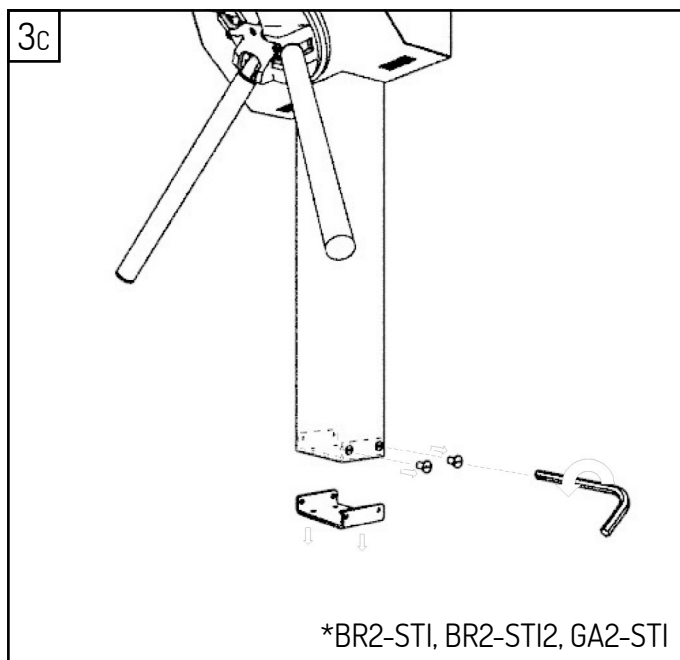
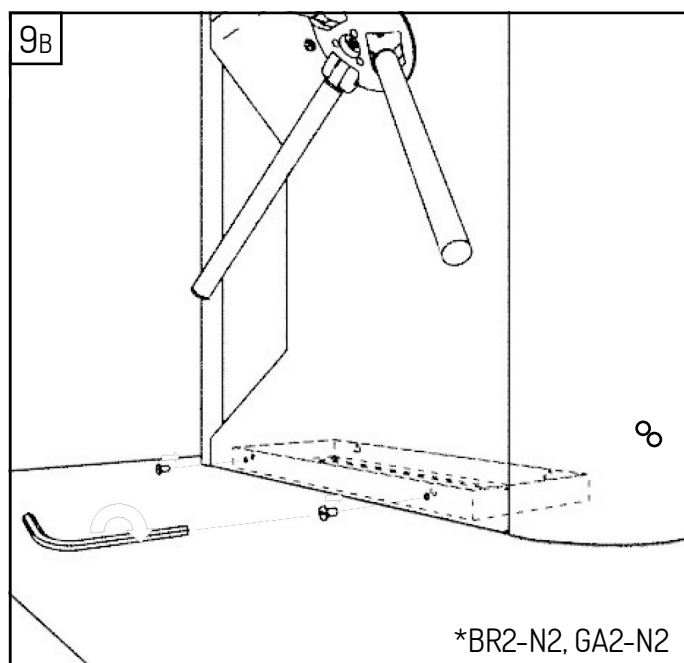
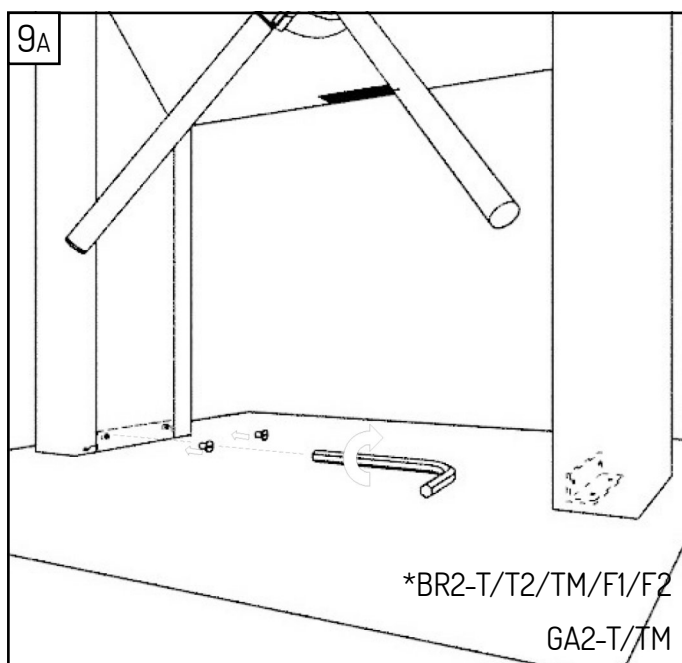
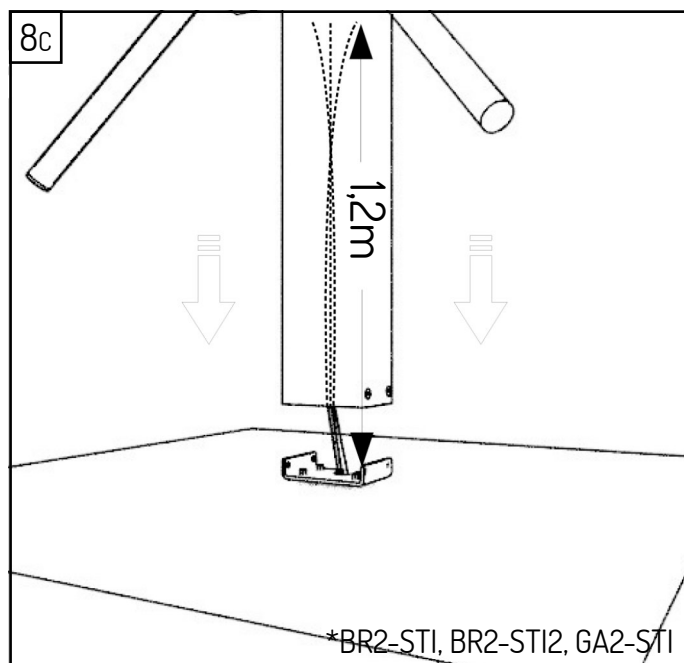
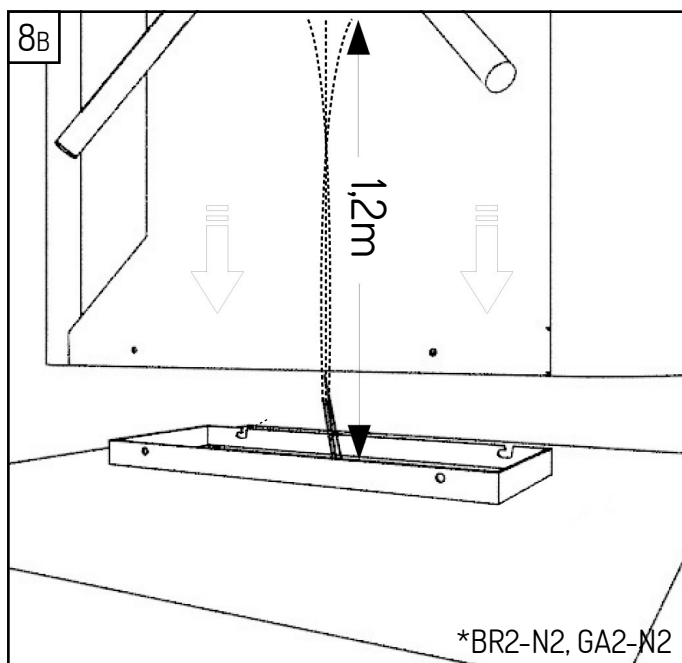
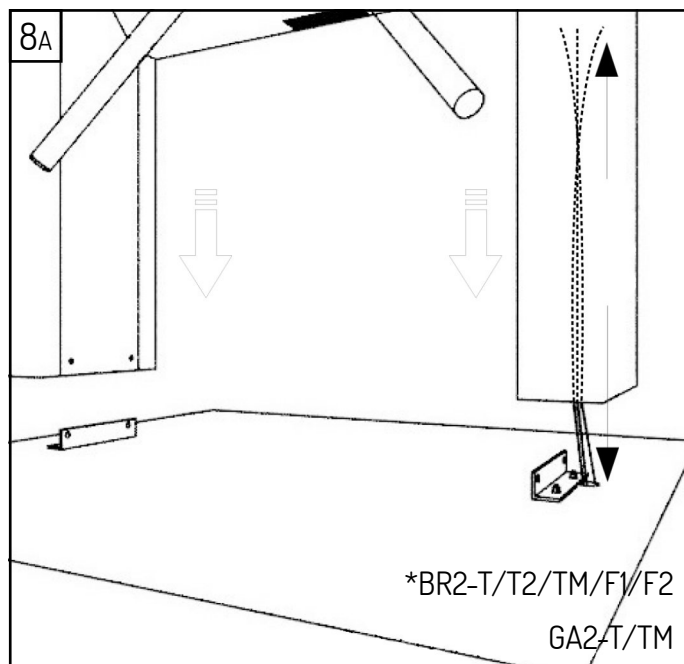
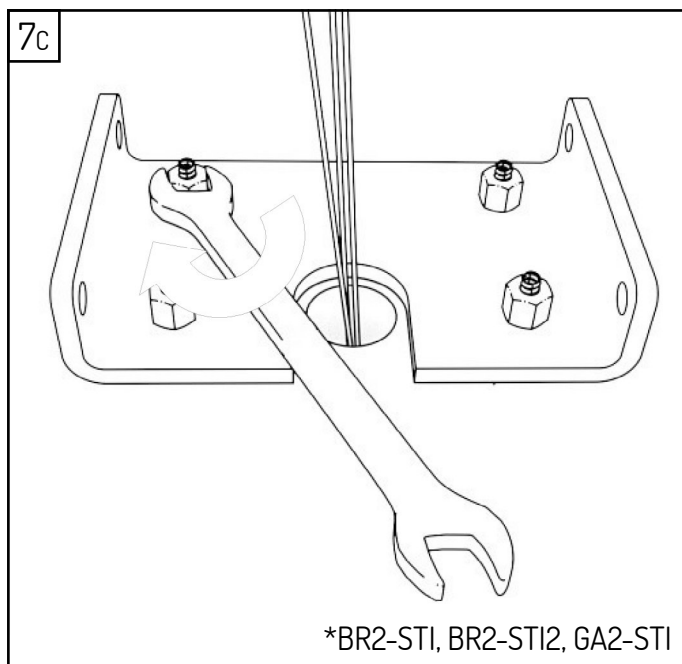
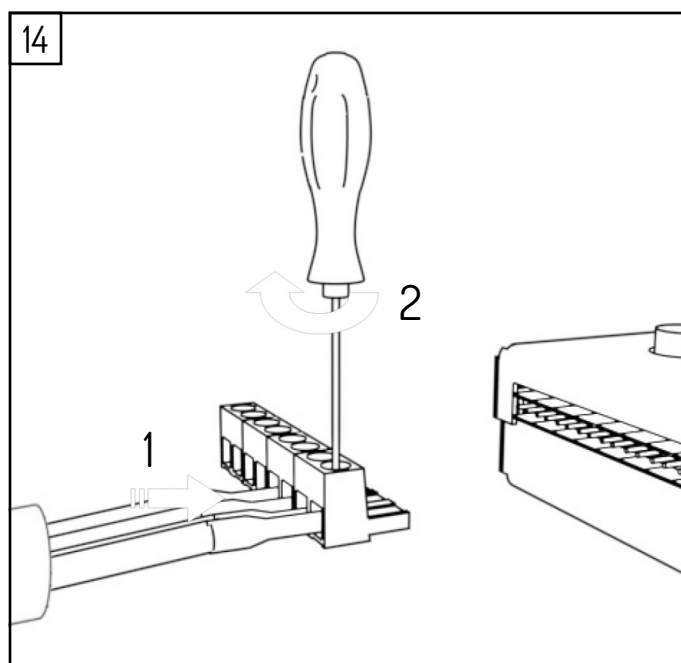
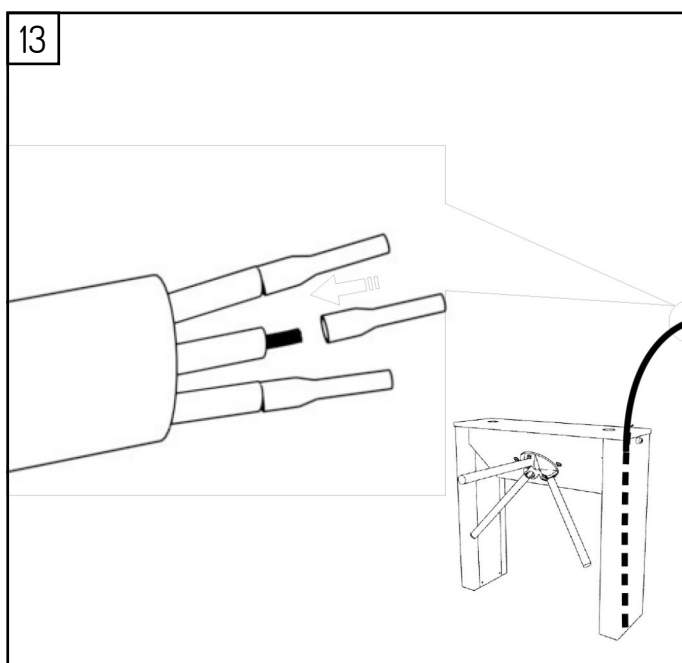
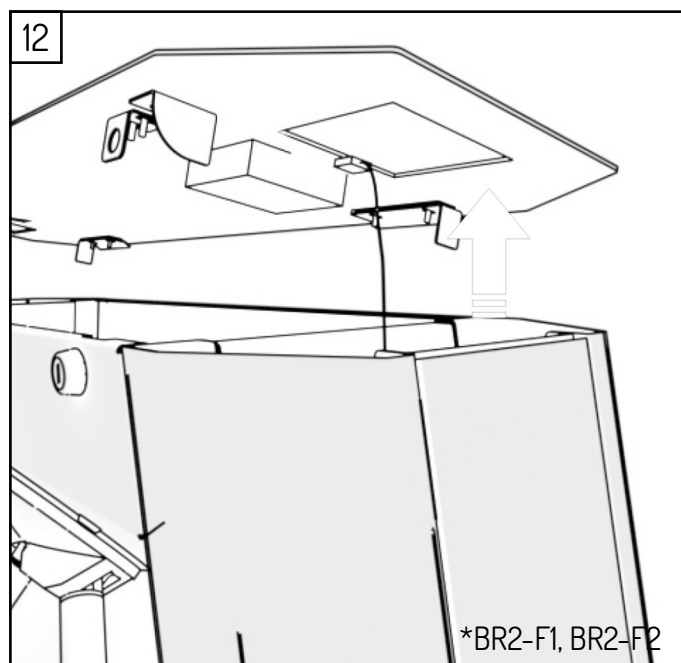
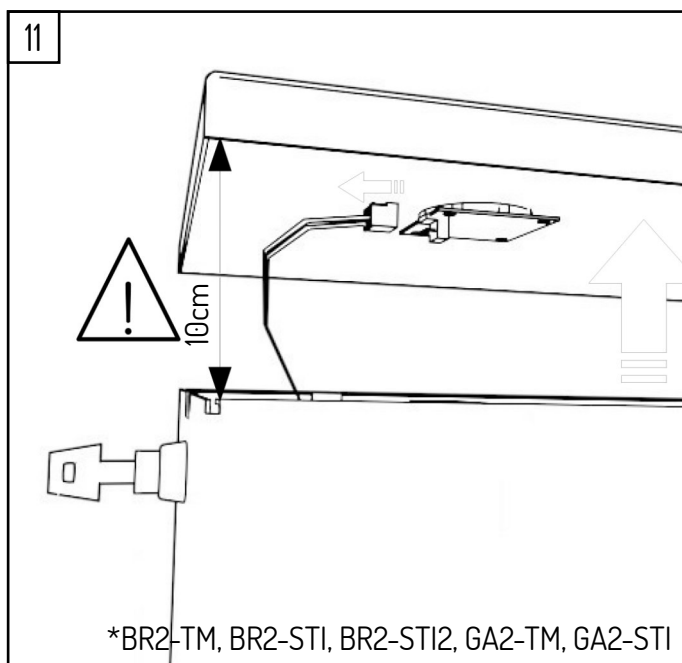
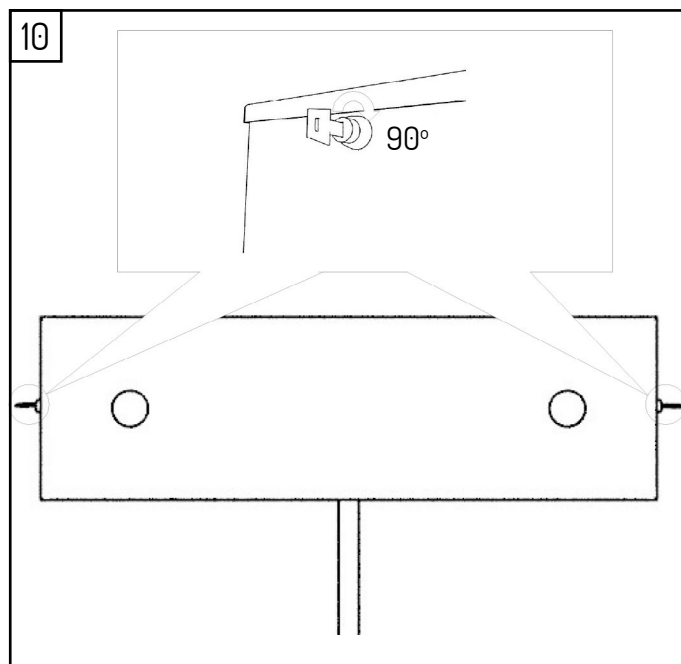
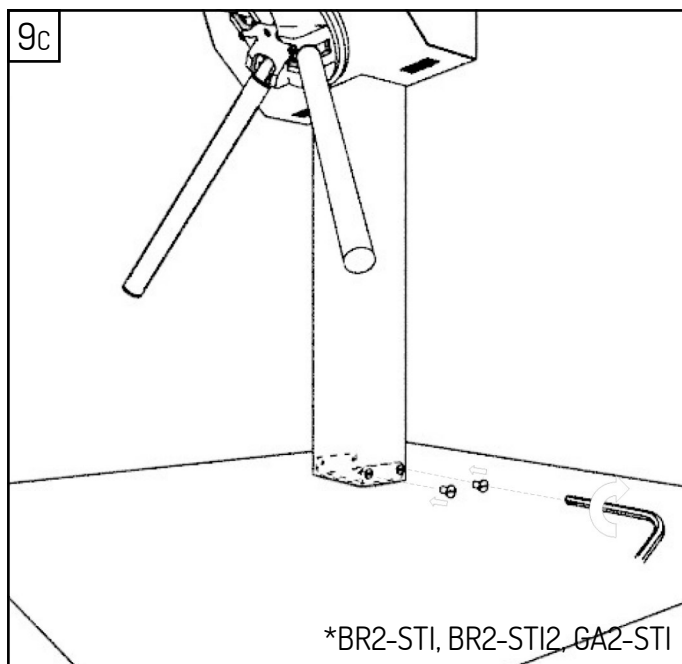


# MONTAGE – BR2, GA2



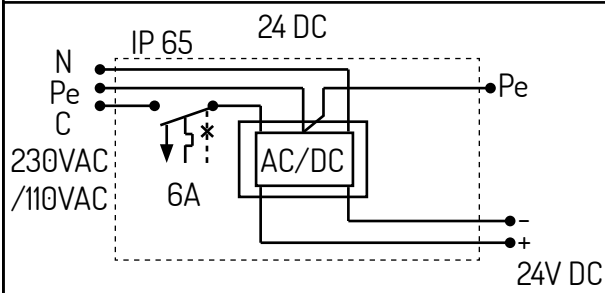
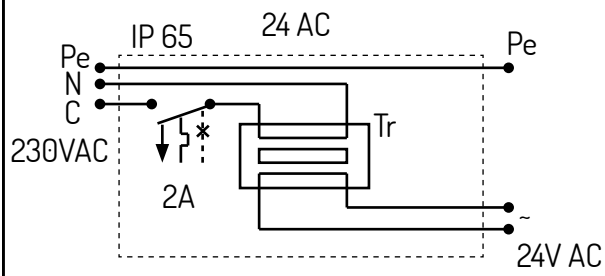




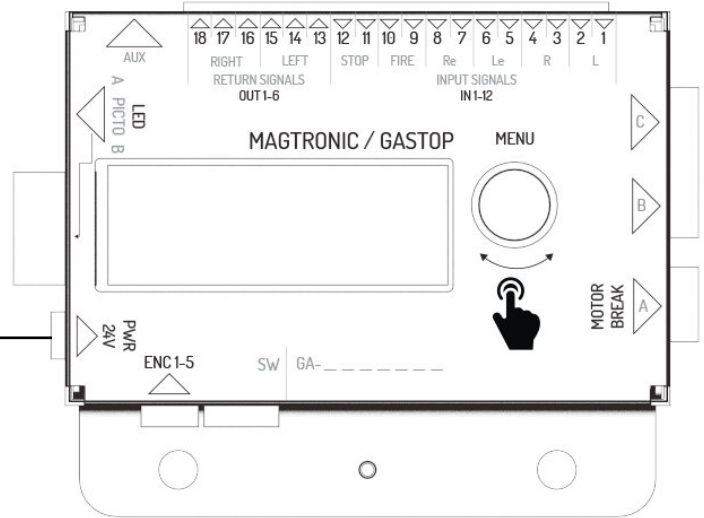


# OUTER CONTROL SIGNALS

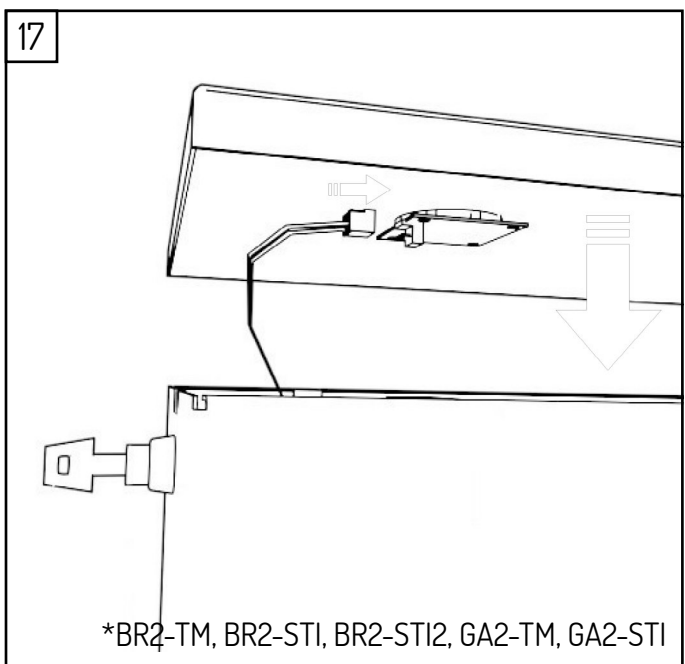
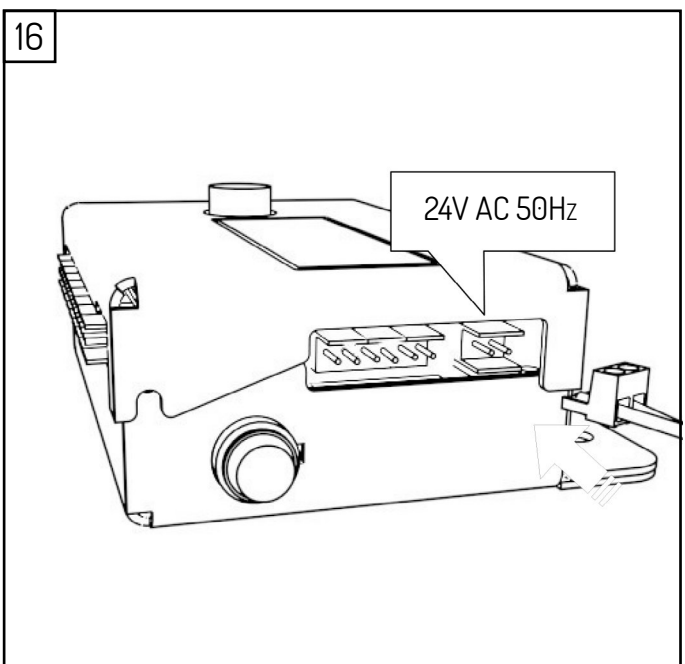
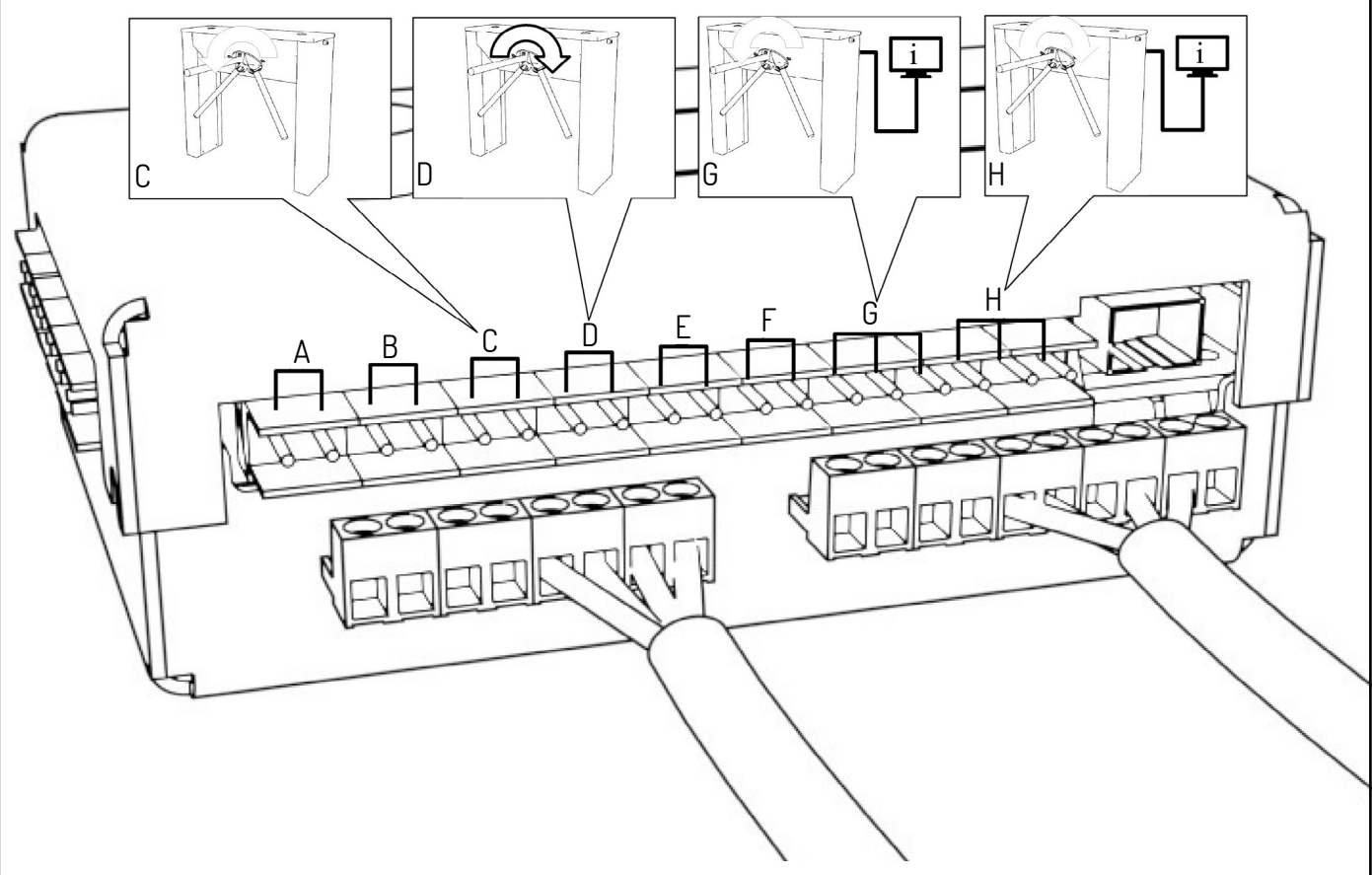
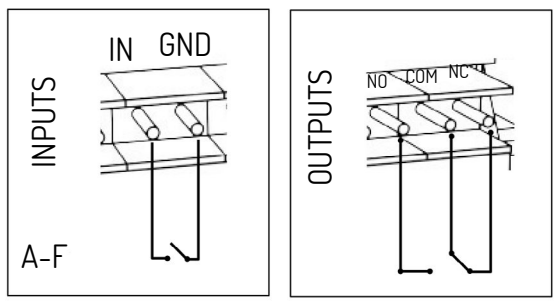
## AND OUTER POWER SUPPLY

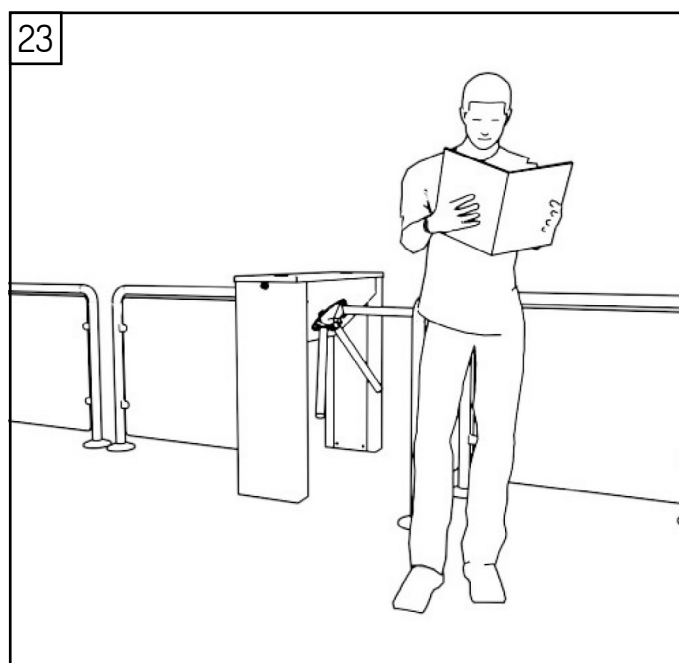
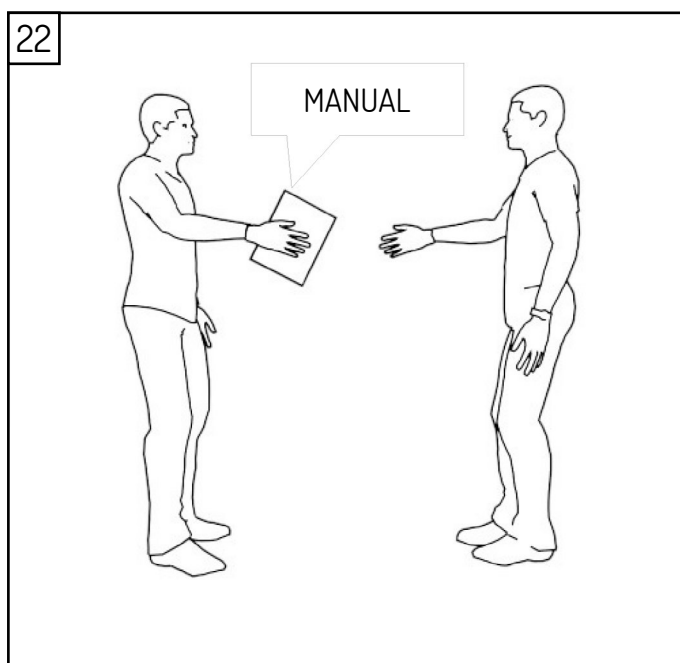
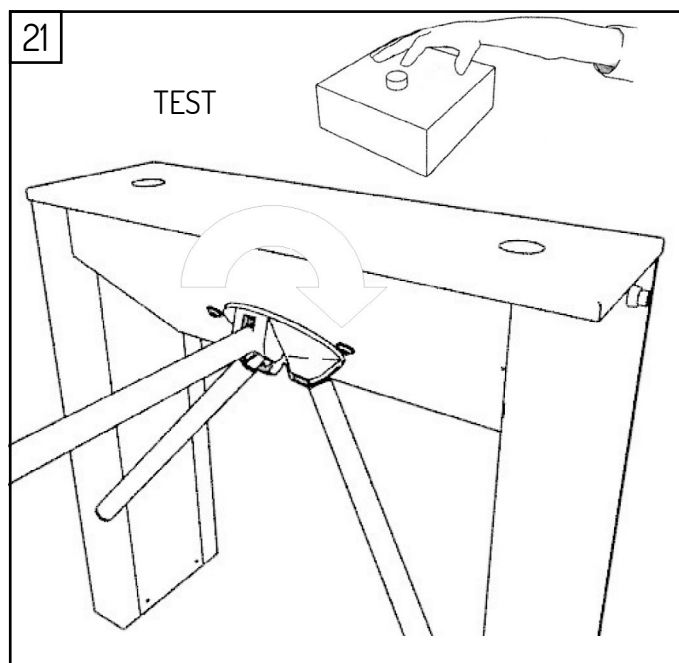
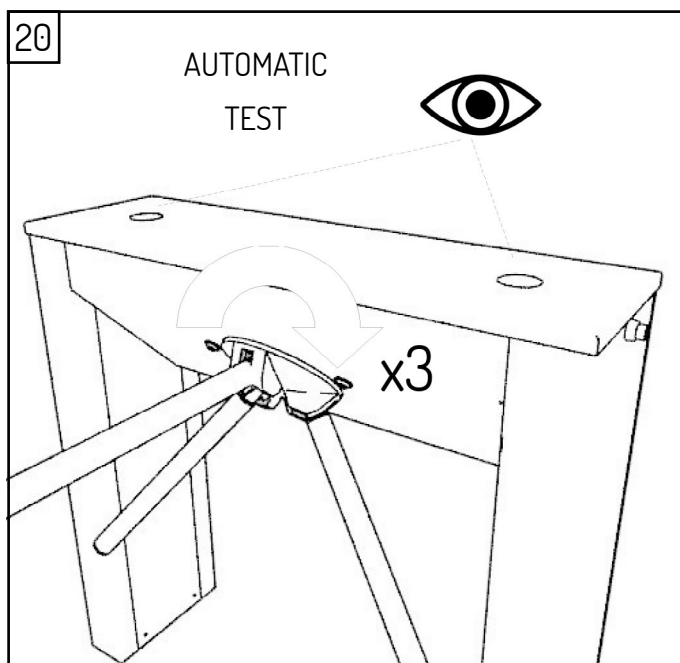
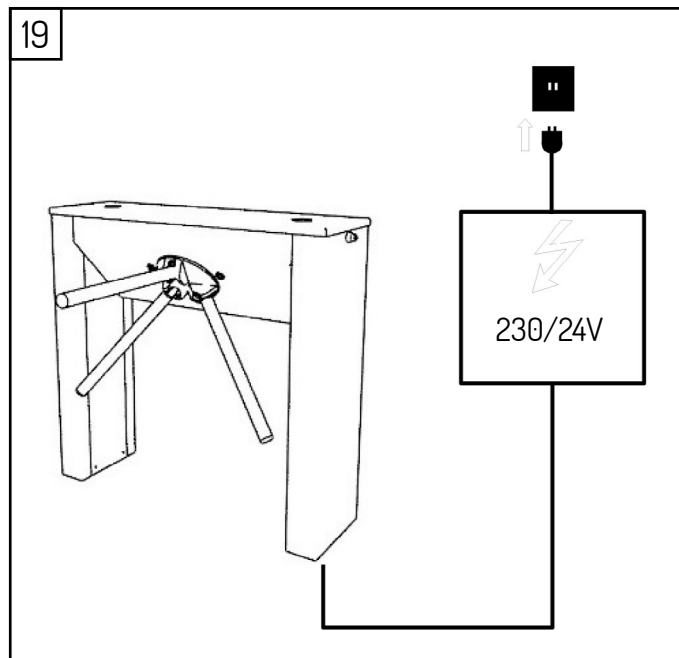
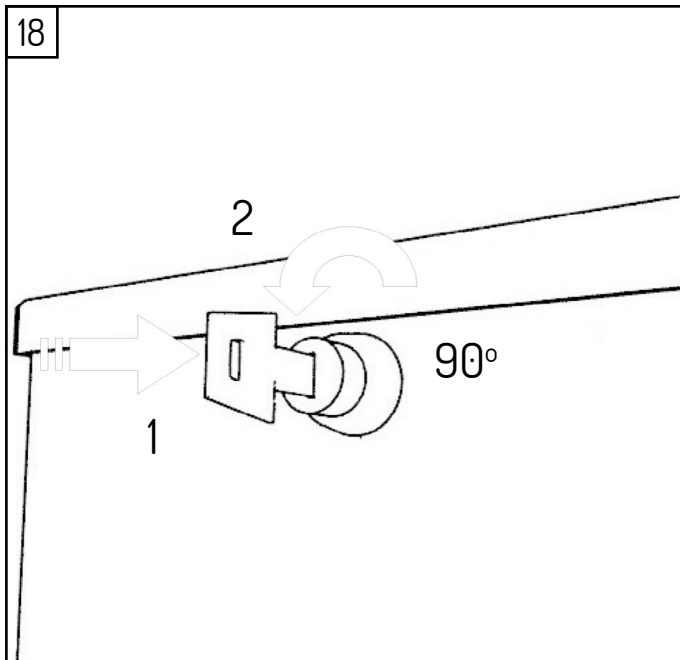


ALTERNATIVE POWER SUPPLY

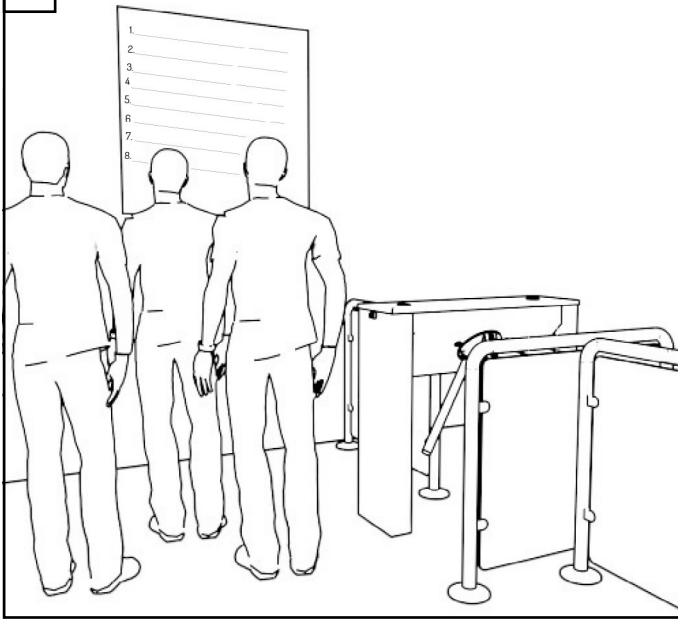


|         | PIN | DESCRIPTION                      | ELECTRICAL INFO  | CONTROL SCHEME |
|---------|-----|----------------------------------|------------------|----------------|
| INPUTS  | 1   | LEFT DIRECTION - INPUT           | TTL Hi/Low       |                |
|         | 2   | GND                              | $I_{max} = 1mA$  |                |
|         | 3   | RIGHT DIRECTION - INPUT          | TTL Hi/Low       |                |
|         | 4   | GND                              | $I_{max} = 1mA$  |                |
|         | 5   | LEFT DIRECTION EN. - INPUT (LE)  | TTL Hi/Low       |                |
|         | 6   | GND                              | $I_{max} = 1mA$  |                |
|         | 7   | RIGHT DIRECTION EN. - INPUT (RE) | TTL Hi/Low       |                |
|         | 8   | GND                              | $I_{max} = 1mA$  |                |
|         | 9   | FIRE EMERGENCY - INPUT (FE)      | TTL Hi/Low       |                |
|         | 10  | GND                              | $I_{max} = 1mA$  |                |
|         | 11  | STOP EMERGENCY - INPUT (SE)      | TTL Hi/Low       |                |
|         | 12  | GND                              | $I_{max} = 1mA$  |                |
| OUTPUTS | 13  | LEFT RETURN - OUTPUT NO          | $I_{max} = 0,5A$ |                |
|         | 14  | LEFT RETURN - OUTPUT COM         | $I_{max} = 0,5A$ |                |
|         | 15  | LEFT RETURN - OUTPUT NC          | $I_{max} = 0,5A$ |                |
|         | 16  | RIGHT RETURN - OUTPUT NO         | $I_{max} = 0,5A$ |                |
|         | 17  | RIGHT RETURN - OUTPUT COM        | $I_{max} = 0,5A$ |                |
|         | 18  | RIGHT RETURN - OUTPUT NC         | $I_{max} = 0,5A$ |                |

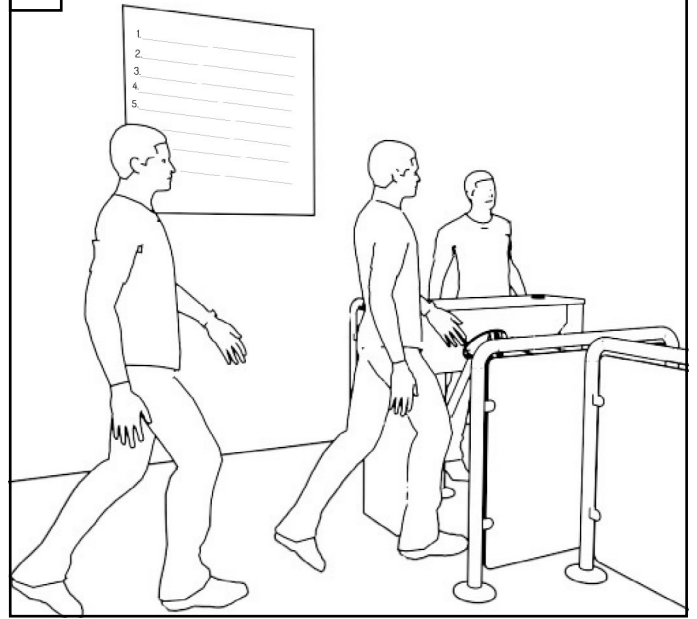




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## ENGLISH – DESCRIPTION OF DRAWINGS

Before installation, carefully read the full technical and operation documentation for the turnstile. This shortened installation manual is strictly for the purpose of illustrating some of the important installation procedures.

### A. Tools and equipment needed for installation\*:

1. Box cutter.
2. Marker for indicating hole positions on the floor.
3. Set of hex wrenches.
4. Set of open-ended wrenches.
5. Electrical wire crimping pliers.
6. Flat-blade screwdriver.
7. Drill with  $\varnothing$  12 mm drill bit.
8. Resin anchors (chemical).
9. Cable end sleeves.
10. Technical documentation.
11. Key/s for the lock/s on the unit cover.
12. Keys for blocking/unblocking the direction of traffic.
13. Transformer 230/24V.

\*Tools and objects specified in points from 1 to 13 inclusive, are not a component part of the device set.

1. Transport of the unit from place to place must be carried out in accordance with health and other regulations.
2. Unpacking.
3. Removing the mounting holders.
4. Marking the locations of holes to be drilled by using the mounting holder, and in accordance with the drawings in the technical and operation documentation.
5. Drilling the  $\varnothing$ 12 mm holes to the depth recommended by the manufacturer of the resin anchors with a minimum depth of 100 mm.
6. The anchors should protrude at least 30 cm above the mounting surface. The recommended diameter of the hole for cable access is 50 mm.
7. Placing the mounting holders on the anchors. After mounting spring washers, fasten the holders to the mounting surface with nuts.
8. Mounting the unit on the mounting holders.
9. Mounting the unit on the mounting holders.
10. Unblocking the unit cover by turning the key/s in the lock/s.
11. Removing the unit cover (Note: in the case of units BR2-TM, BR2-ST1, BR2-STI2, GA2-TM, GA2-ST1 the pictograms should be carefully removed from the controller in order to avoid damaging the cables).
12. Removing the unit cover (Note: in the case of units BR2-F1, BR2-F2 the pictograms should be carefully removed from the controller in order to avoid damaging the cables).
13. Crimping the cable end sleeve using the electrical wire crimpers.
14. Mounting the cable at the appropriate place in the terminal block.
15. Connecting the basic signals to the controller. A detailed description can be found in the technical and operation documentation of the unit.
16. Connecting the controller to the power supply.
17. Replacing the unit cover (in the case of units BR2-TM, BR2-ST1, BR2-STI2, GA2-TM, GA2-ST1 first attach the pictograms to the controller).
18. Turning key/s in the lock/s to block the unit cover.
19. Connecting the unit to the 24V power supply.
20. Visual inspection of the diode pictograms.
21. Control test of the unit by introducing a signal from an external device (e.g. a control panel).
22. Handover of the technical and operation documentation to the owner/operator of the unit.
23. The operator supervising the unit reviews the technical and operation documentation.
24. The Rules and Information for Use are placed in a visible location, so that every user has access to them before using the unit.
25. Using the unit under the supervision of an operator.



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USA: [GASTOP.US](http://GASTOP.US)