MONTAGE

FOR TURNSTILES EQIPPED WITH MECHANISM

ZA2AL/BR2AL/GA2AL

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EN 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. Basic tools and equipment needed for installation*:

1. **Box cutter.**
2. **Marker for indicating hole positions on the floor.**
3. **Set of hex wrenches.**
4. **Electrical wire crimping pliers.**
5. **Set of open-end wrenches.**
6. **Flat-blade screwdriver.**
7. **Drill.**
8. **Resin anchors (chemical).**
9. **Cable end sleeves.**
10. **Measure tape.**
11. **Gluegun.**
12. **Spirit level.**
13. **Vacuum cleaner.**
14. Technical documentation.
15. Key/s for the lock/s on the unit cover.

*Tools and objects specified in points from 1 to 13 inclusive, are not a component part of the device set.
*One person is needed to assemble the device. **Two people** are needed to carry and move the devices.

B. GATE ASSEMBLY

1. Transport of the unit from place to place must be carried out in accordance with health and other regulations.
2. Unpacking the device.
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 ø12 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-STI, BR2-STI2, GA2-TM, GA2-STI 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-STI, BR2-STI2, GA2-TM, GA2-STI 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.

F1

STI

STI2

TS

N2

N2S

TM

T2

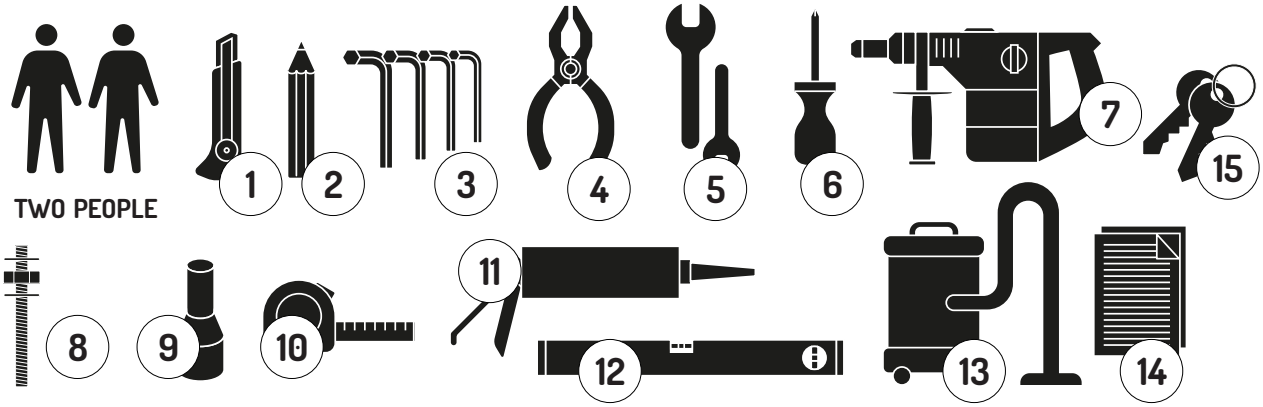
TMS

TM2

TM2S

T

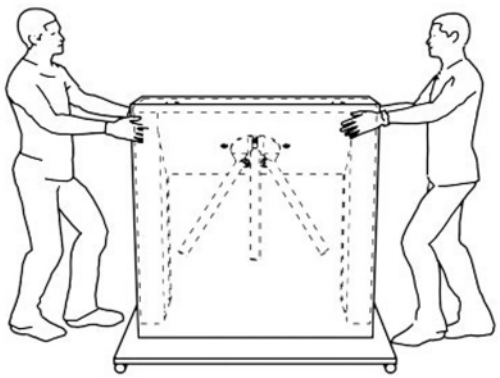
A. BASIC TOOLS AND EQUIPMENT NEEDED FOR INSTALLATION



B. GATE ASSEMBLY

1

~50 - 100kg



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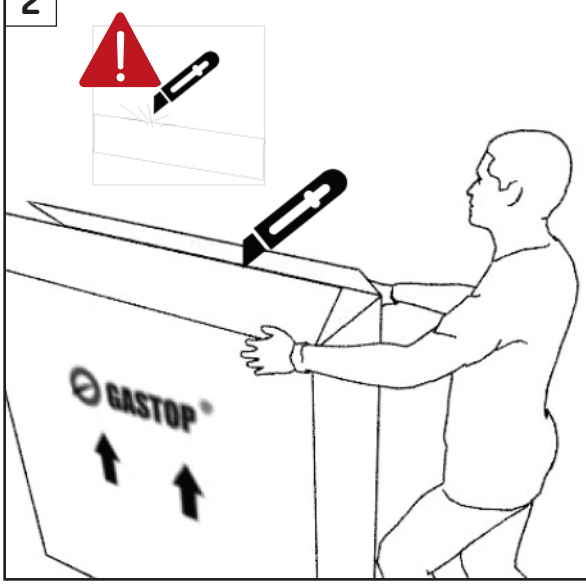
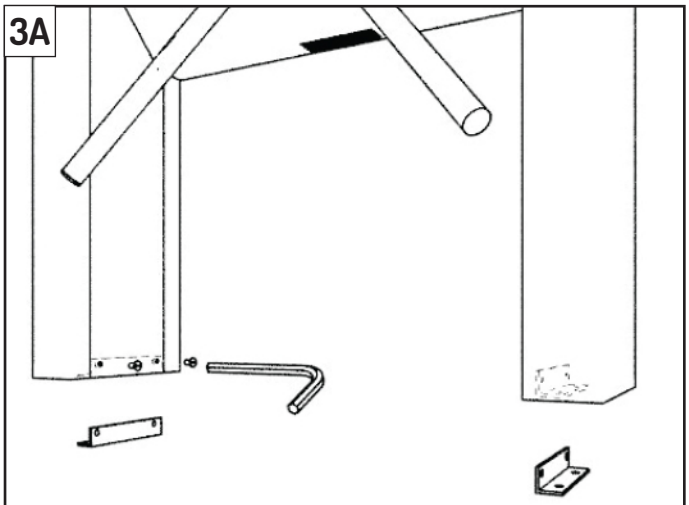
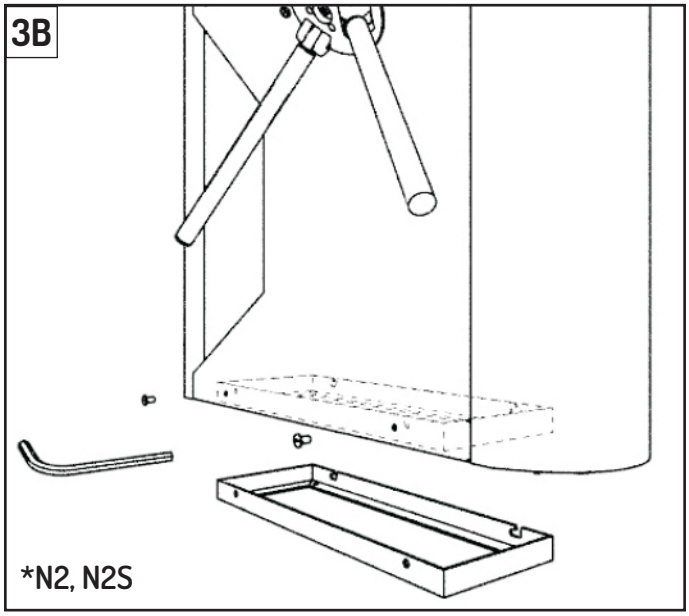


3A



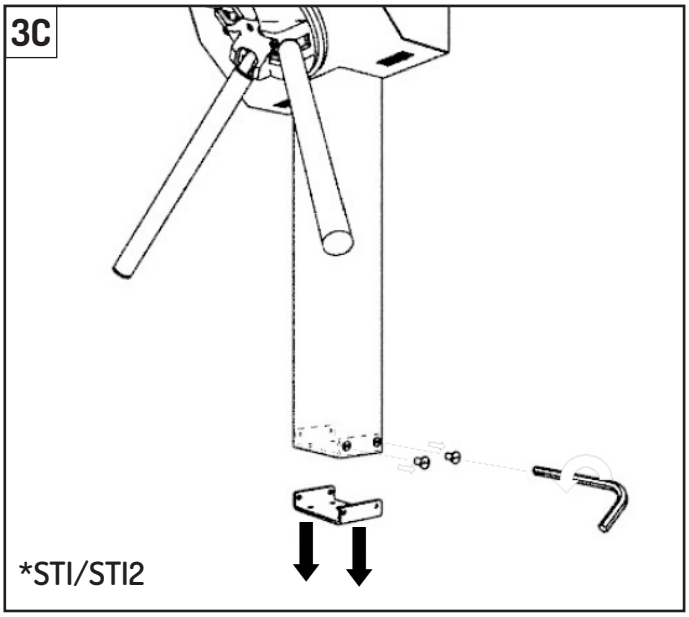
*T/T2/TM/F1

3B



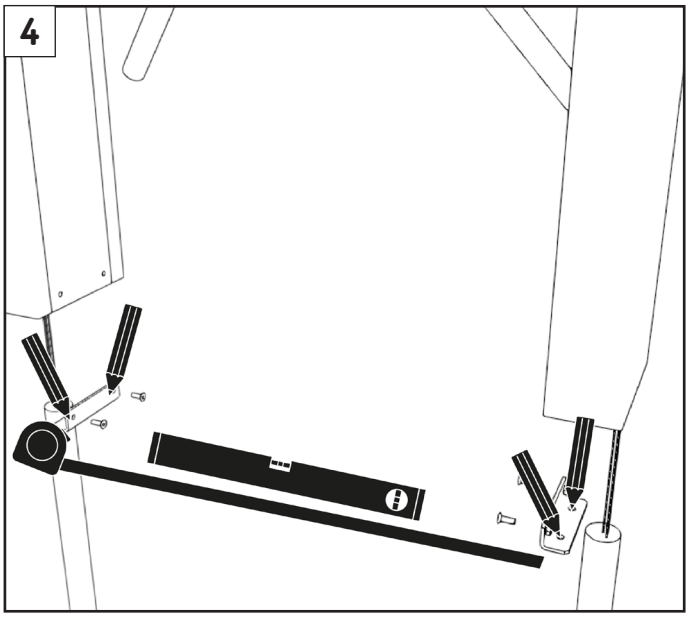
*N2, N2S

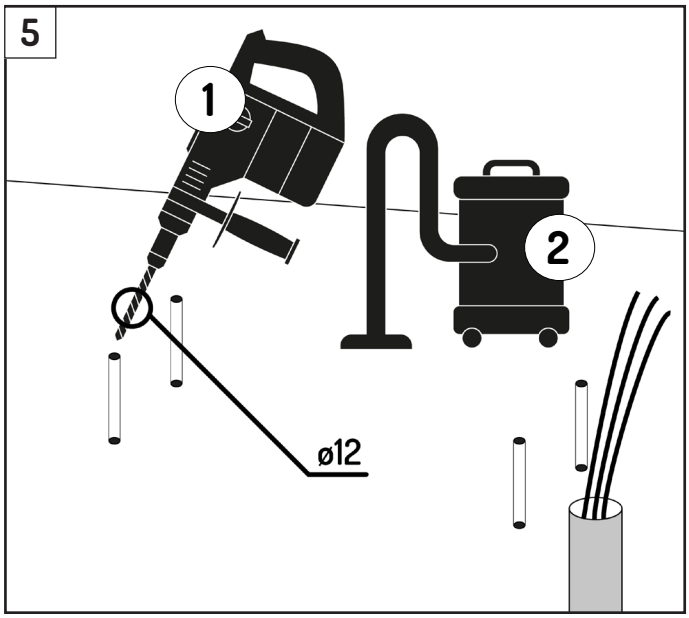
3C

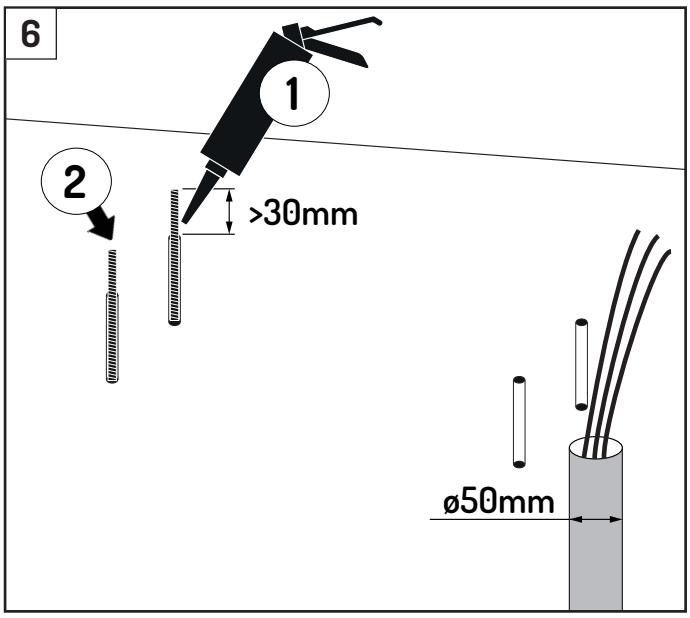


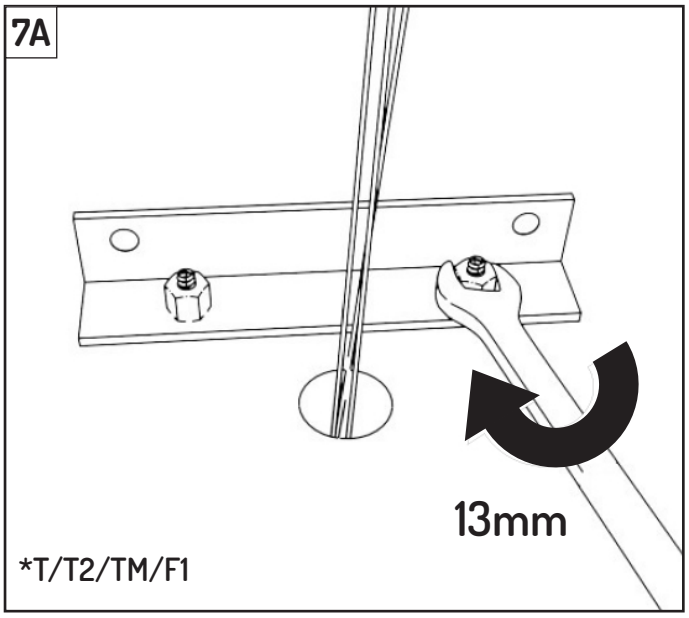
*STI/STI2

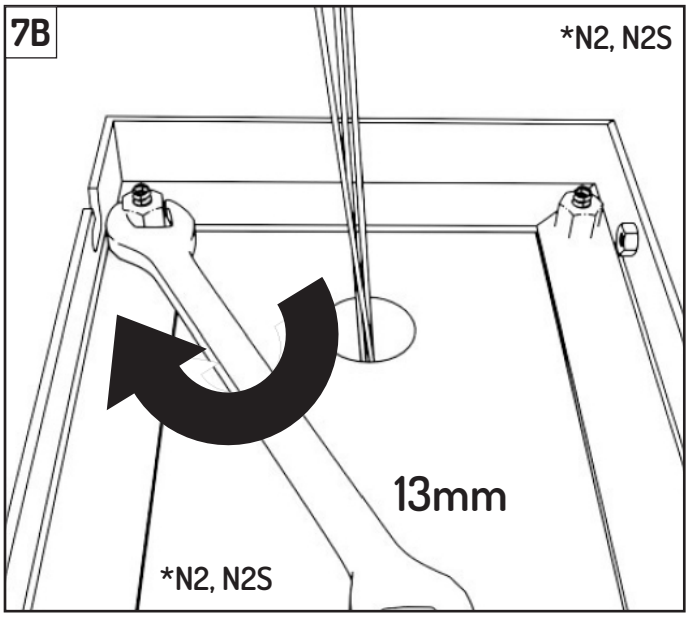
4

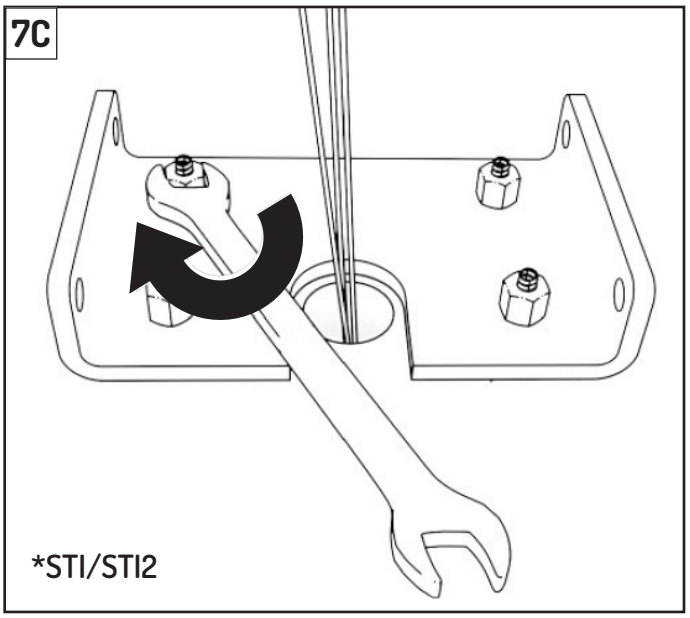


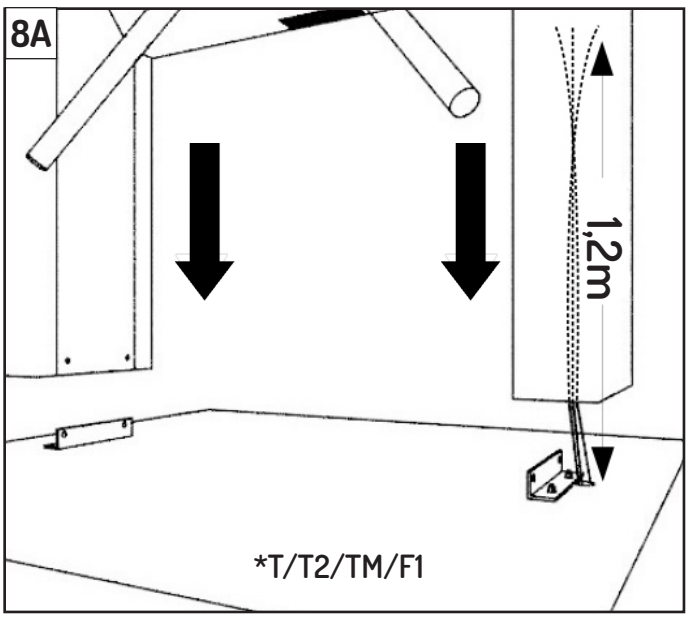

5
1
2
ø12

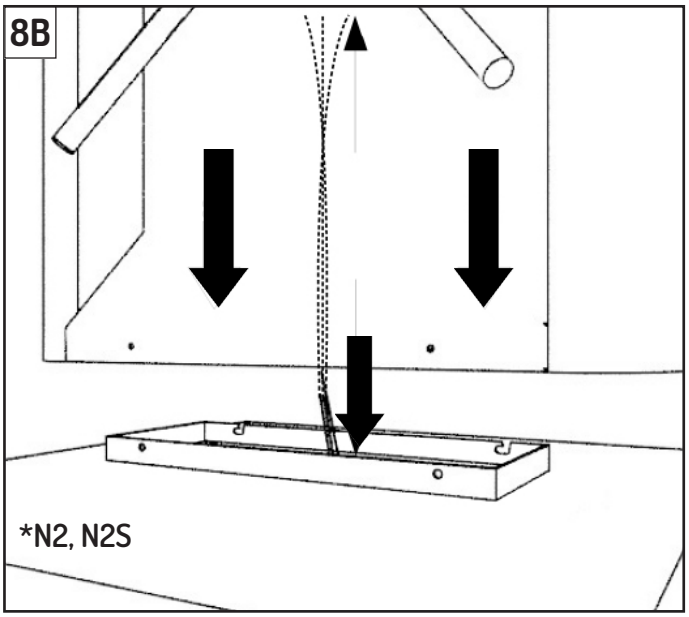

6
1
2
>30mm
ø50mm

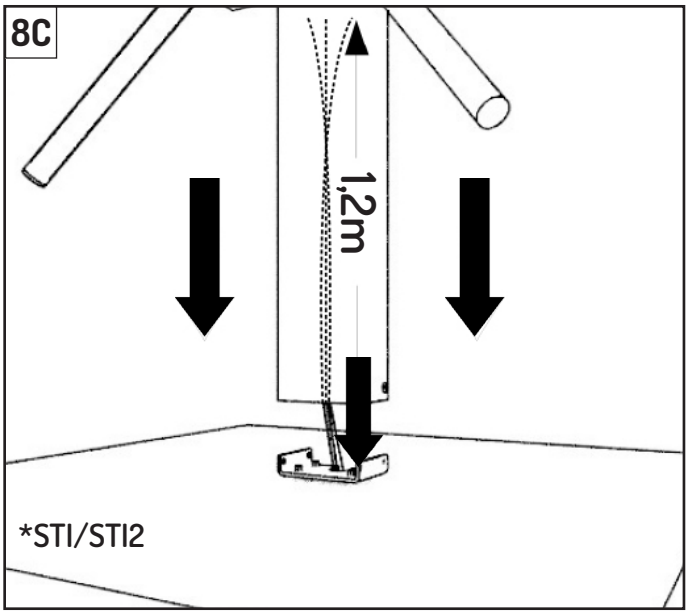

7A
13mm
*T/T2/TM/F1

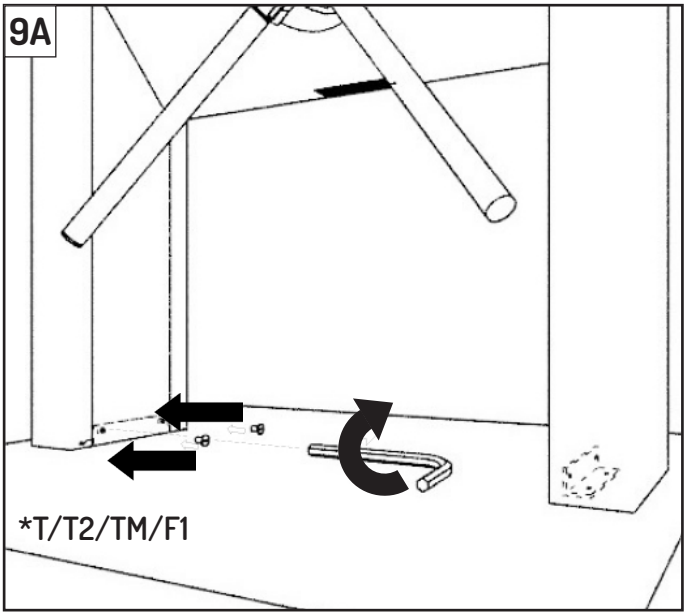

7B
*N2, N2S
13mm
*N2, N2S

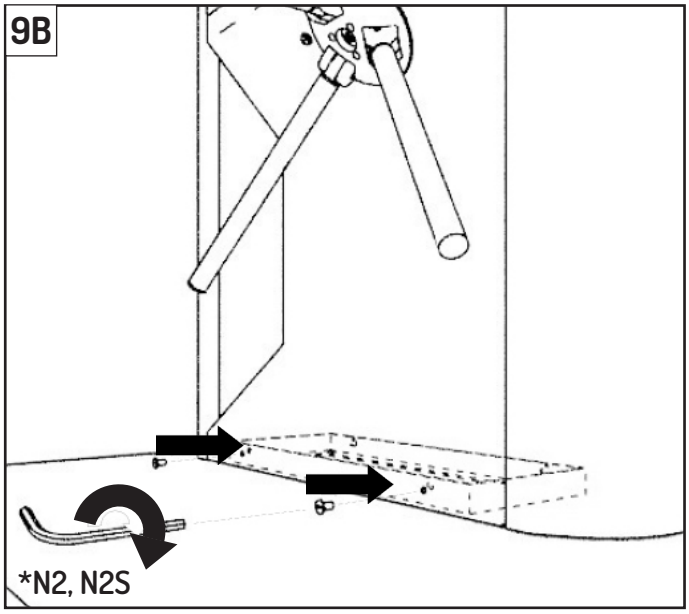

7C
*STI/STI2

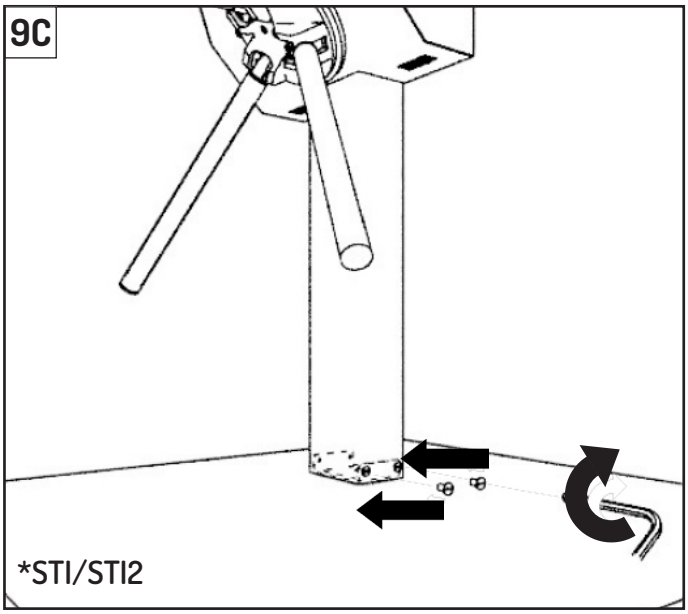

8A
1,2m
*T/T2/TM/F1

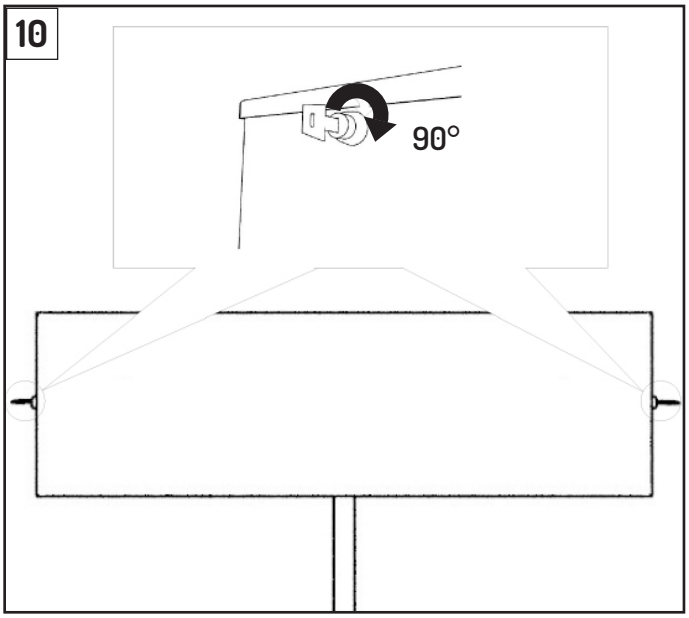

8B
*N2, N2S


8C
1,2m
*STI/STI2

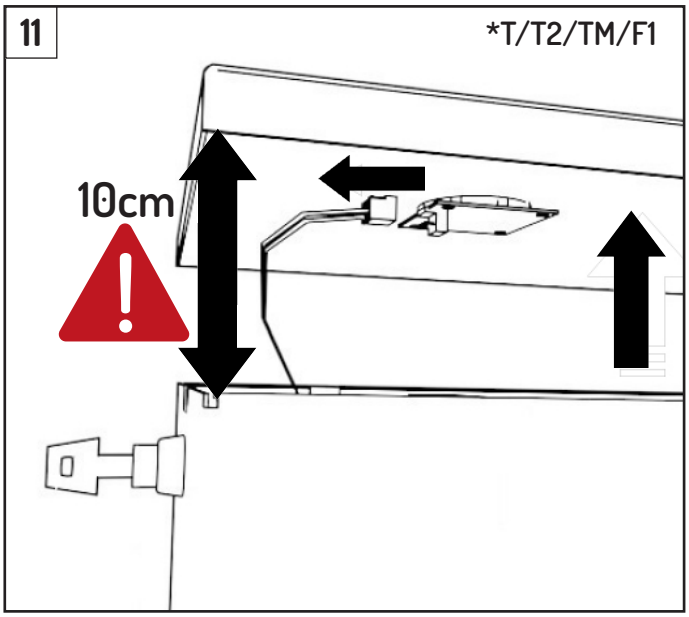

9A
*T/T2/TM/F1


9B
*N2, N2S

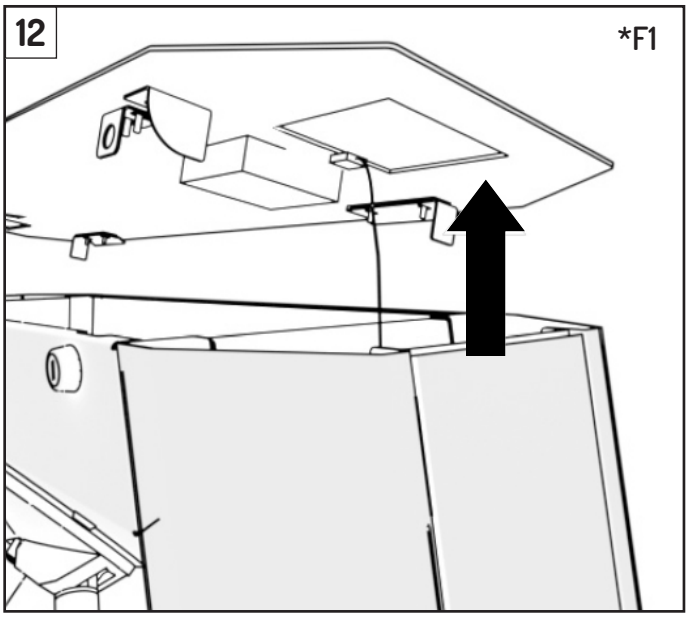

9C
*STI/STI2


10
90°

11 *T/T2/TM/F1



12 *F1



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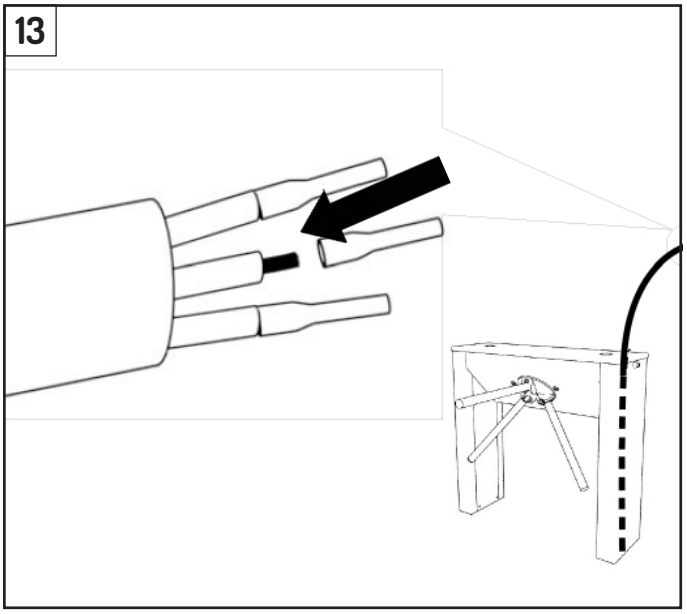

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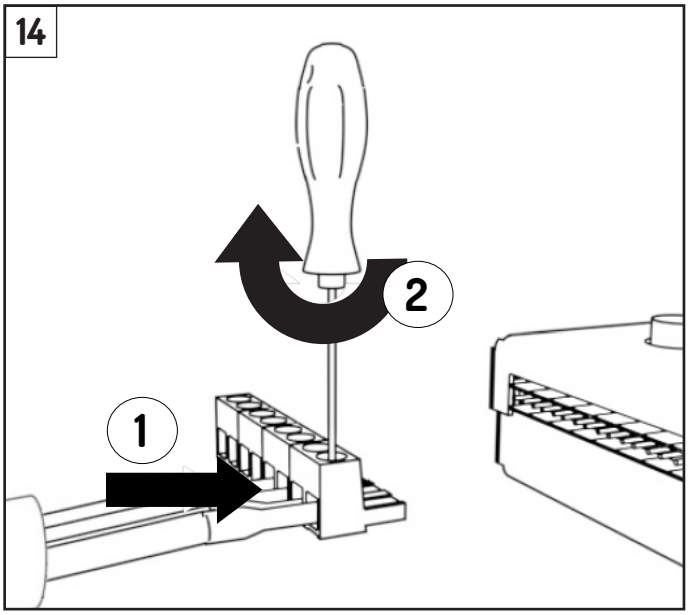
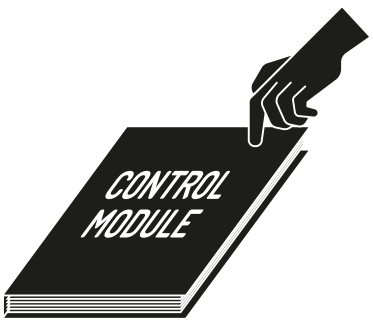
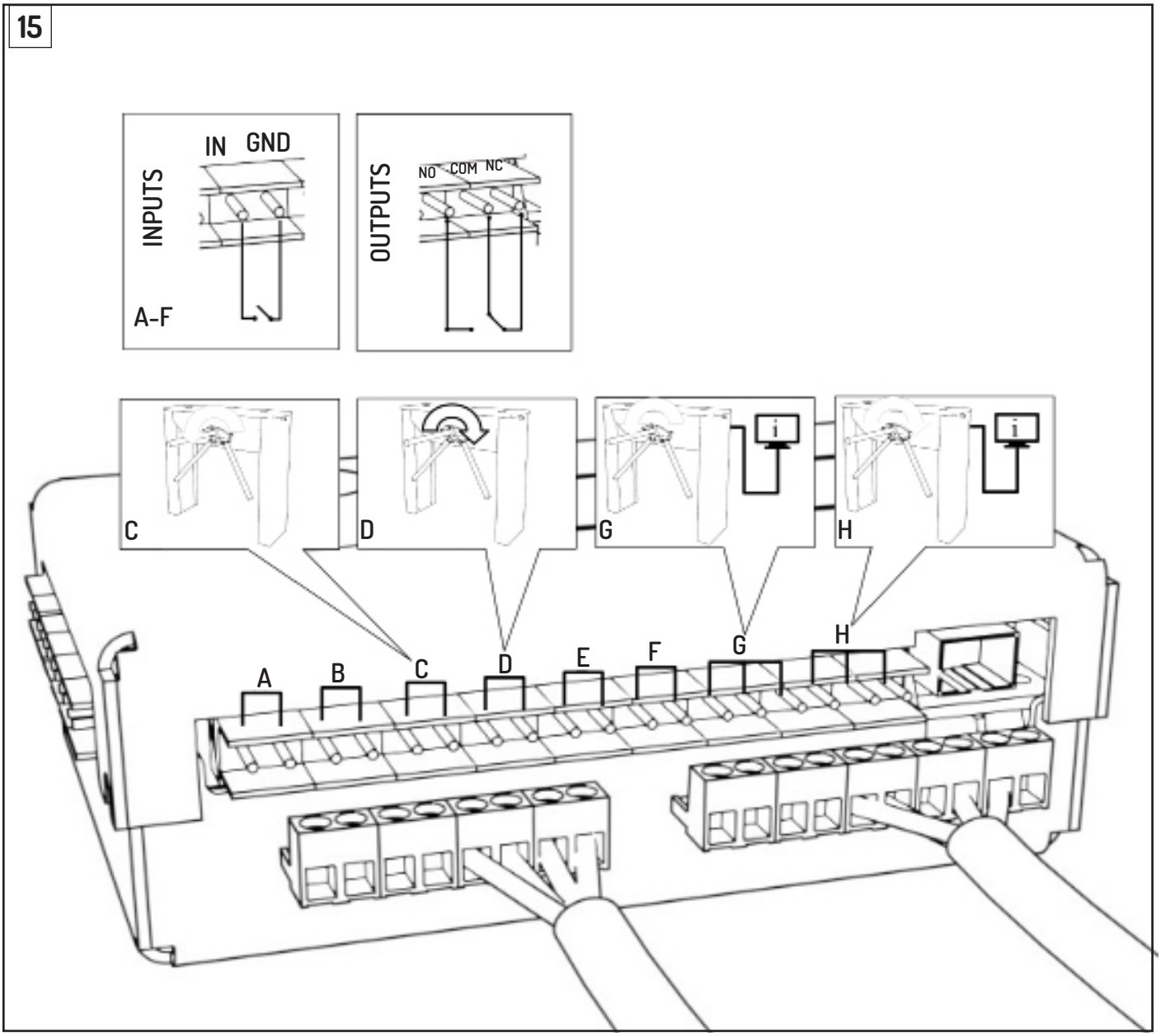


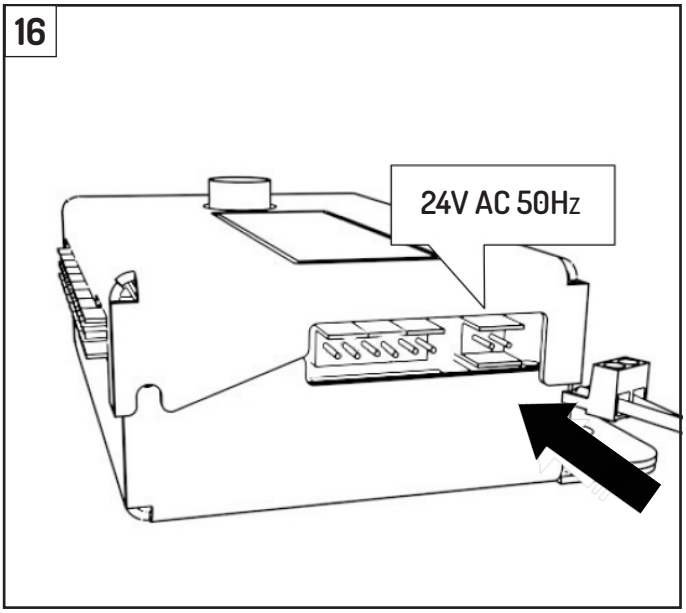


DEVICE CONNECTION INSTRUCTIONS
→REFER TO **CONTROL MODULE**

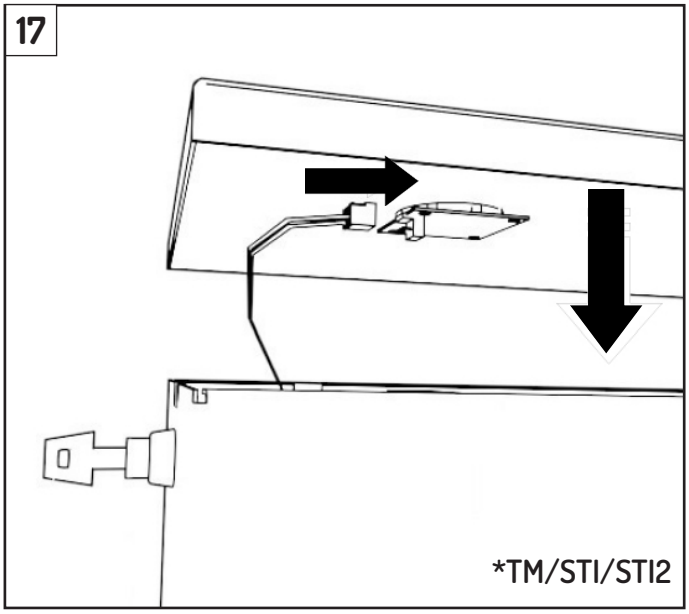
15


INPUTS
IN GND
A-F
OUTPUTS
NO COM NC
C
D
G
H
A
B
C
D
E
F
G
H

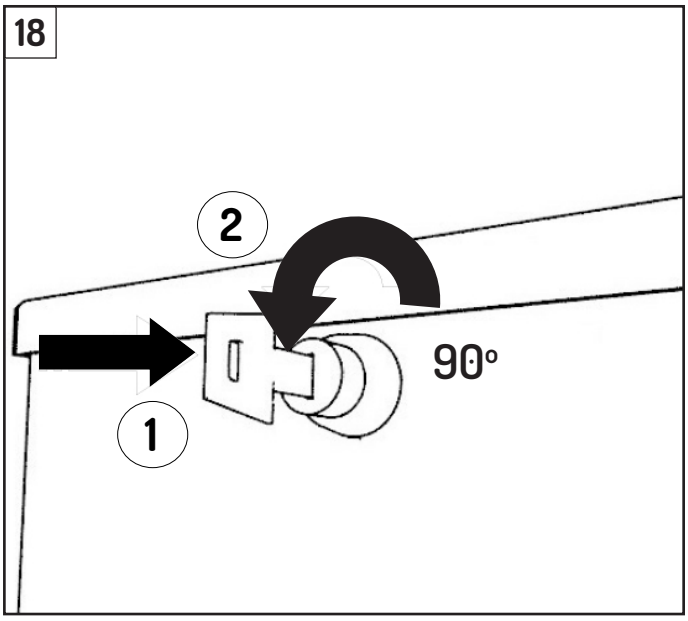
16


24V AC 50Hz

17


*TM/STI/STI2

18



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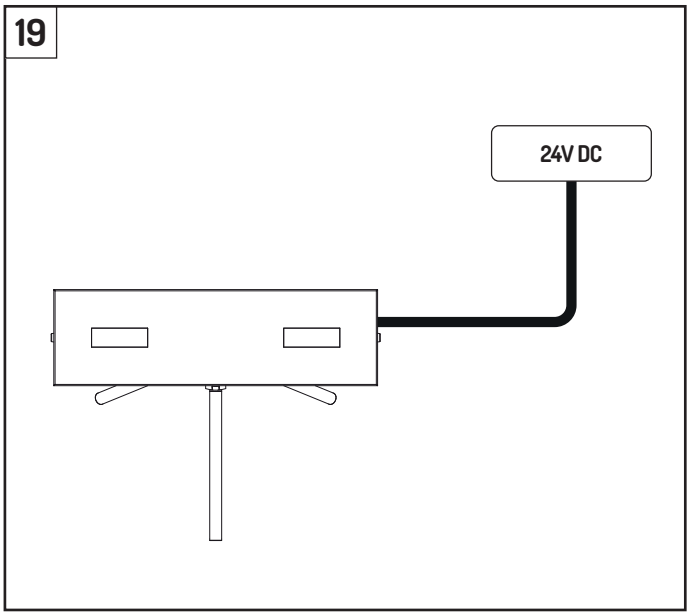

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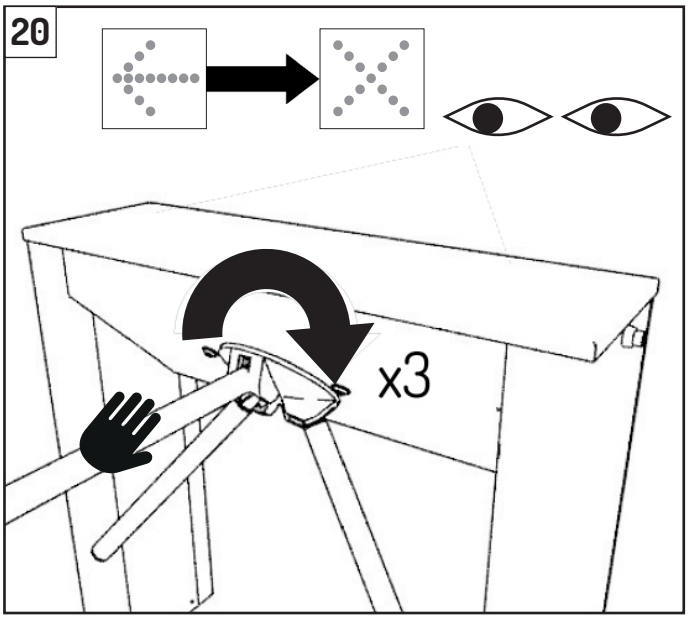

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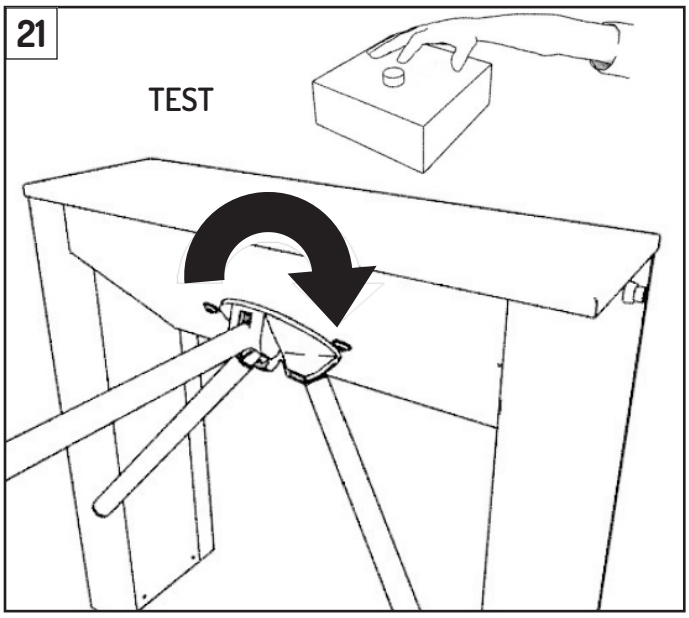

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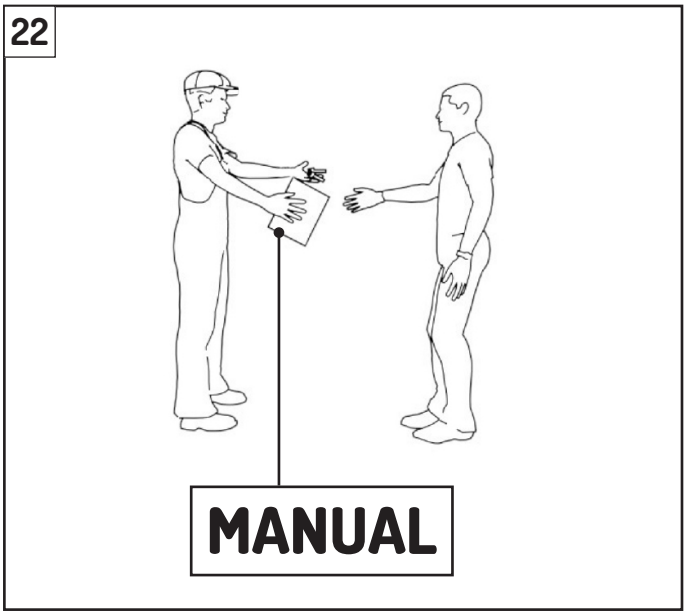

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