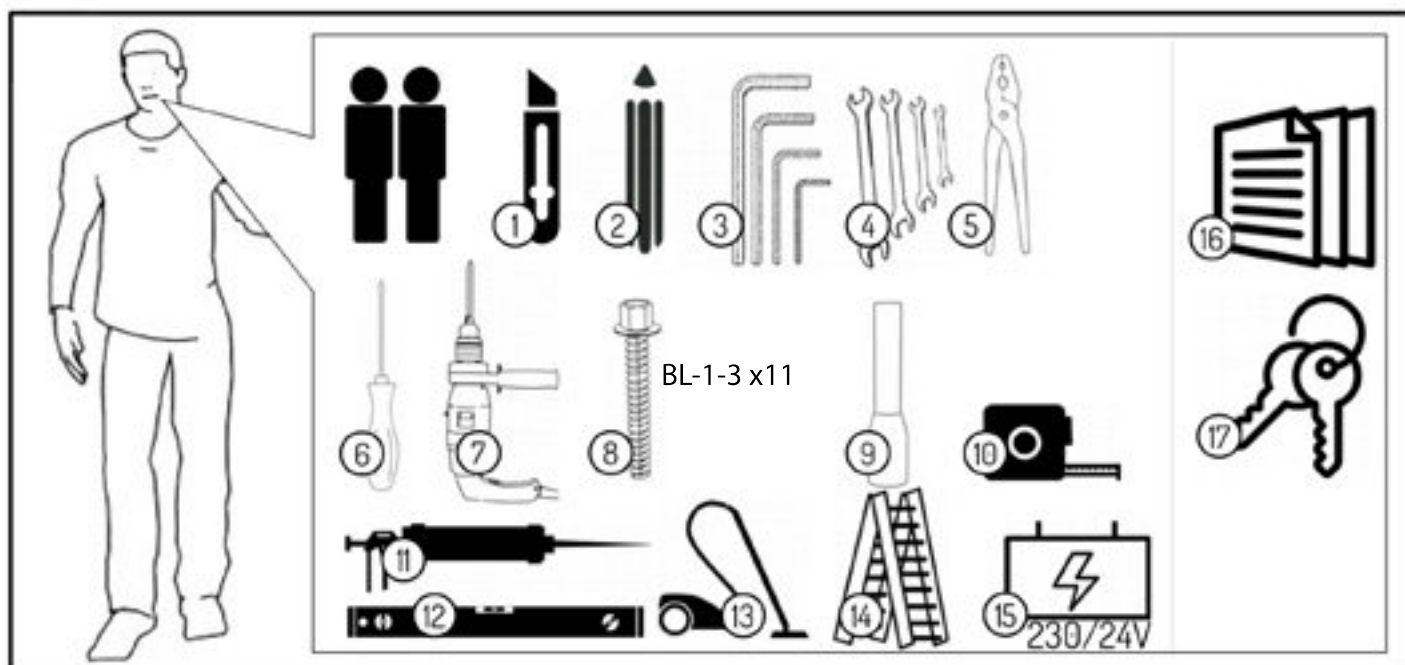
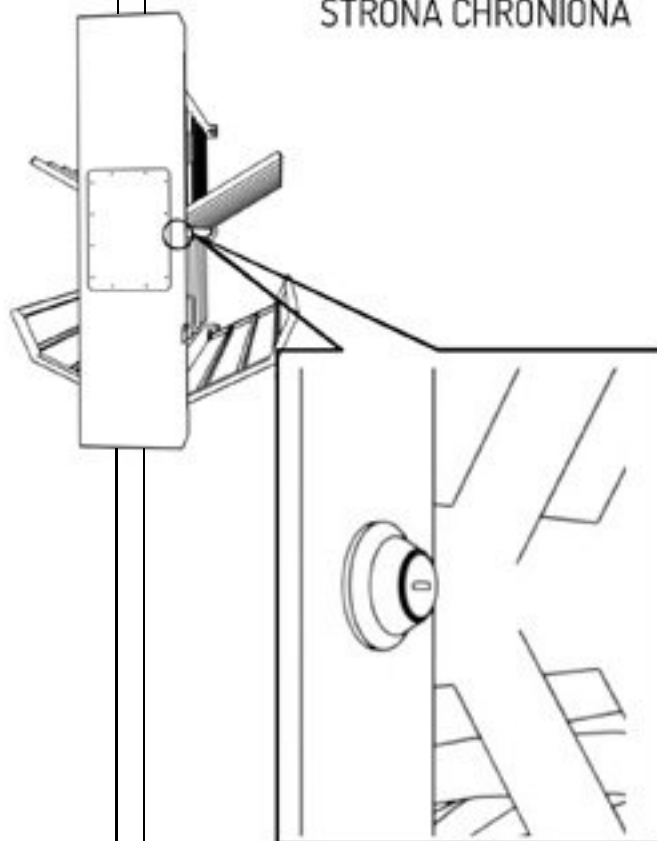


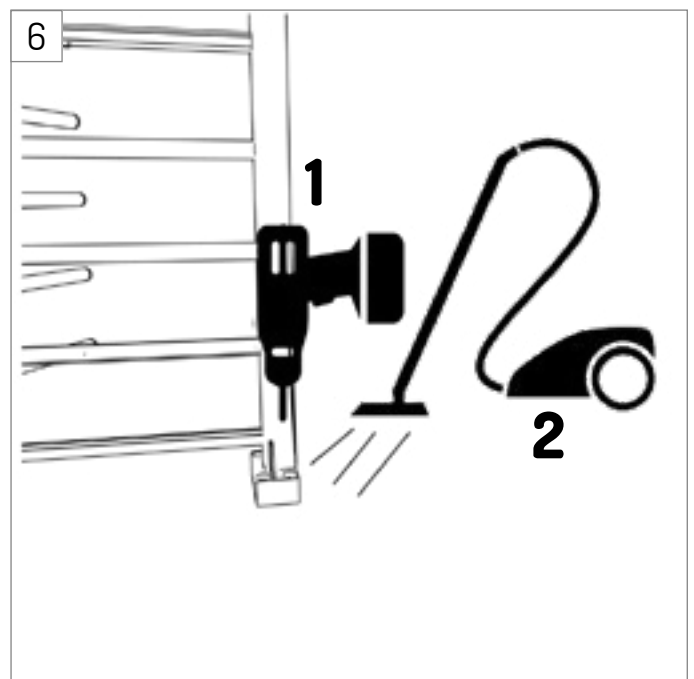
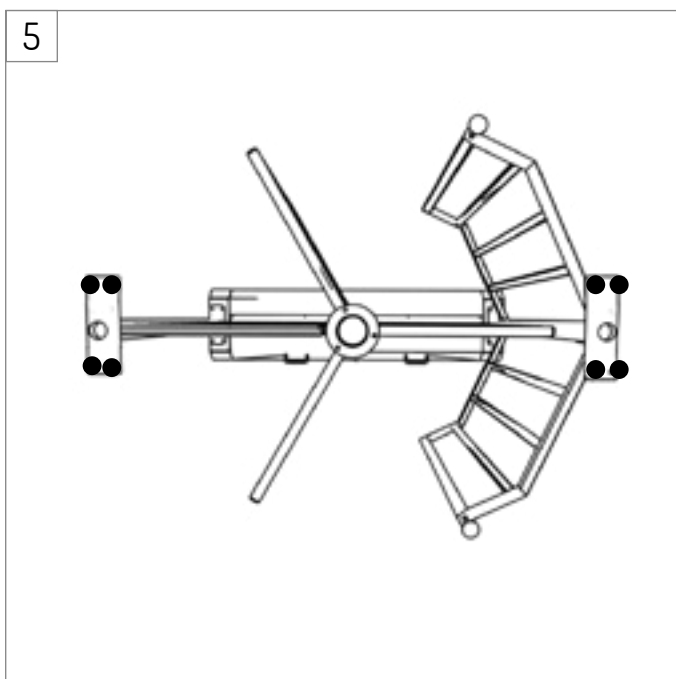
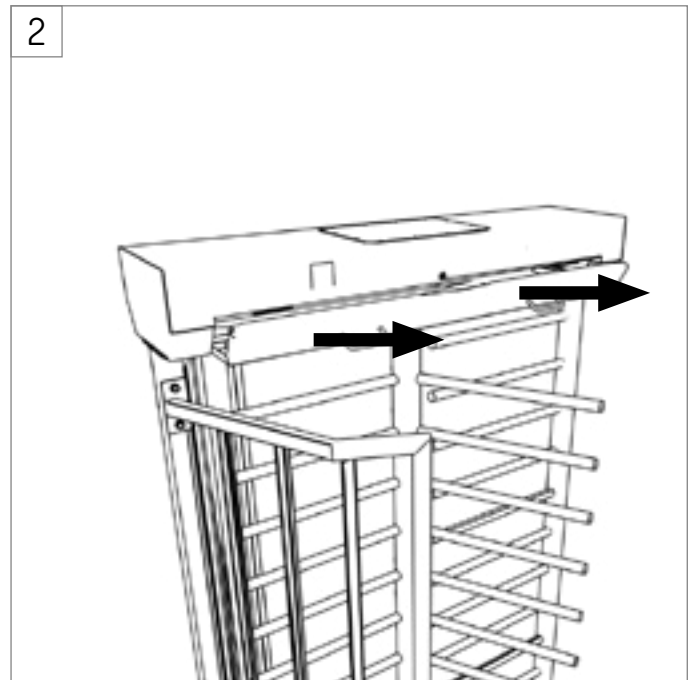
MONTAGE - BL-1-3

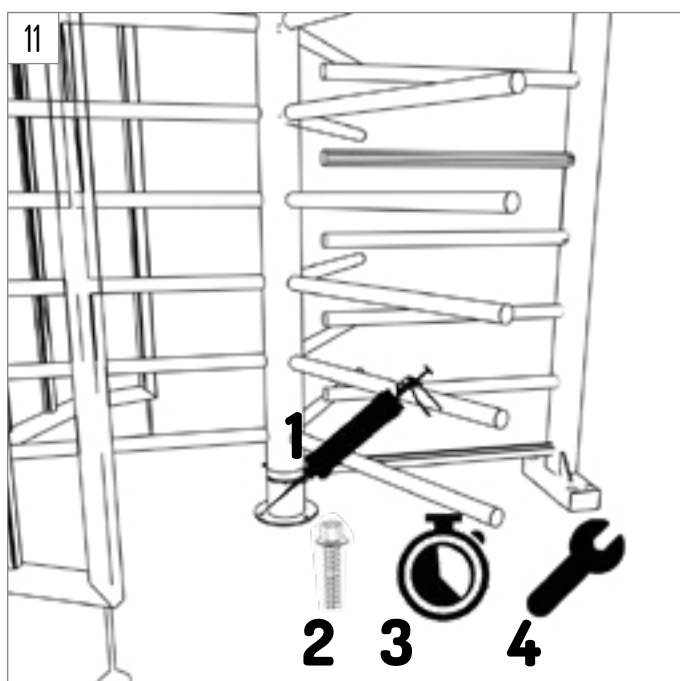
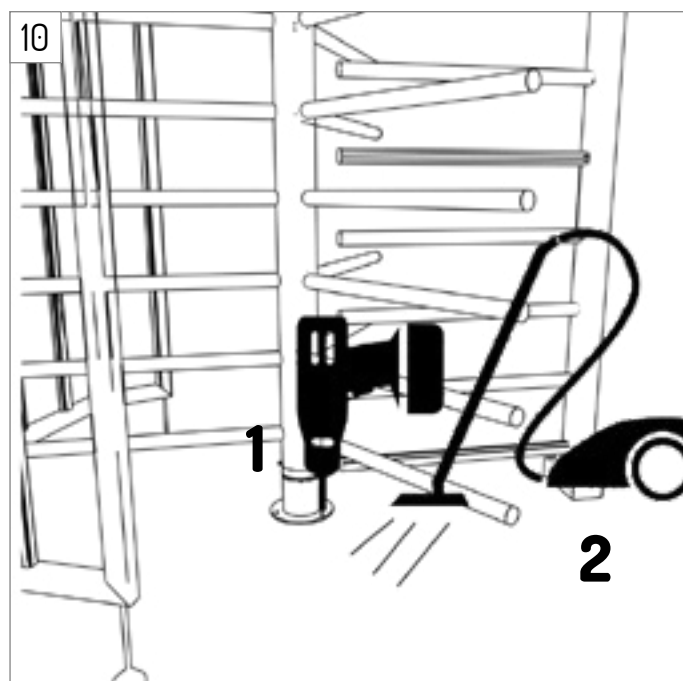
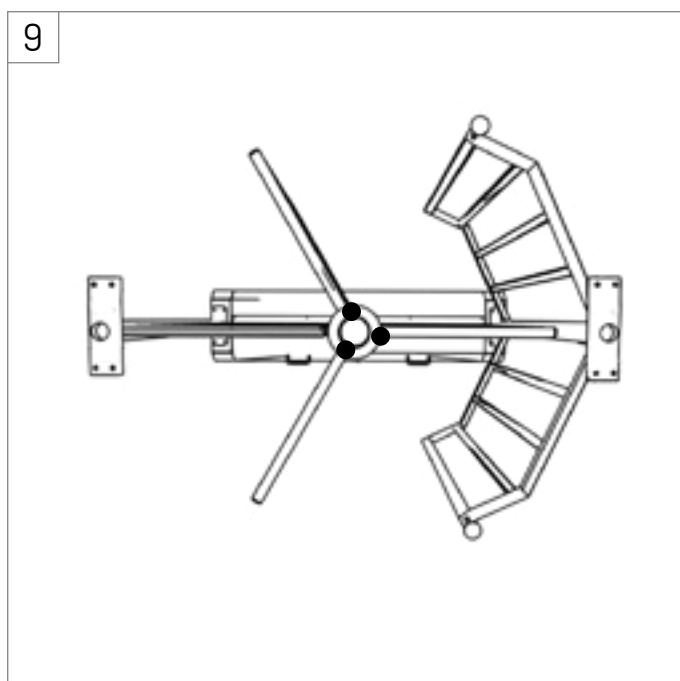
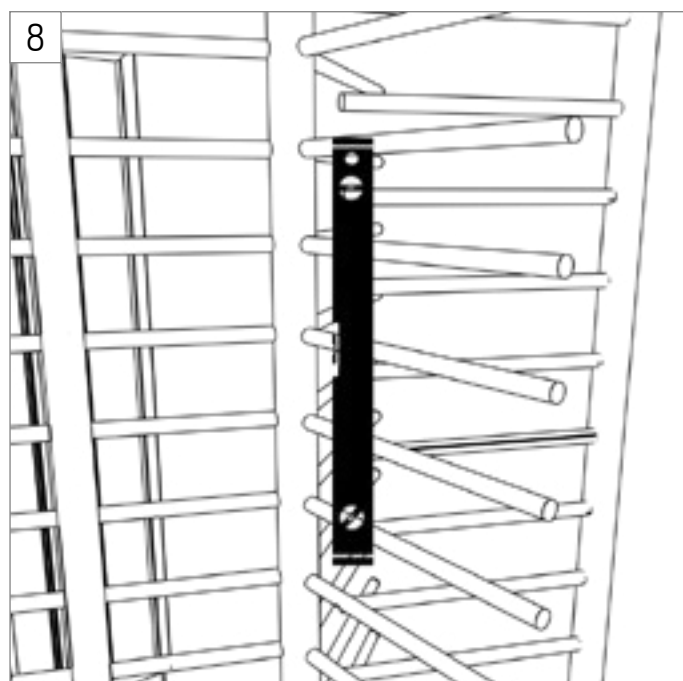
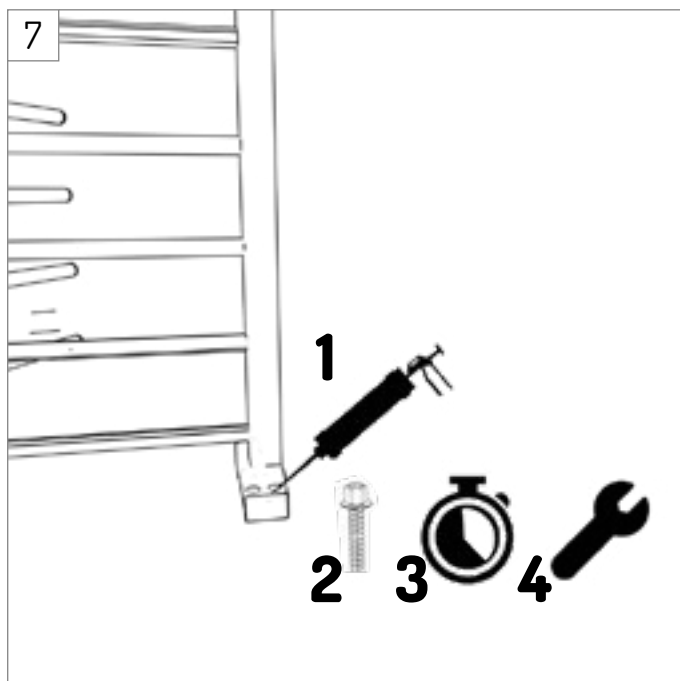


ENTRANCE SIDE/
EINGANGSSEITE/
CÔTÉ D'ENTRÉE/
СТОРОНА ВХОДА/
LATO DELL'INGRESSO/
PARTE DE LA ENTRADA/
INGÅNGSSIDA/
STRONA WEJŚCIA

PROTECTED SIDE/
GESCHÜTZTE SEITE/
CÔTÉ SURVEILLÉ/
ЗАЩИЩЕННАЯ СТОРОНА/
PARTE PROTETTA/
PARTE PROTEGIDA/
SKYDDAD SIDA/
STRONA CHRONIONA

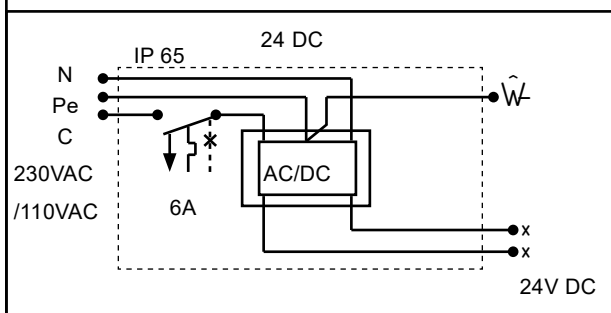
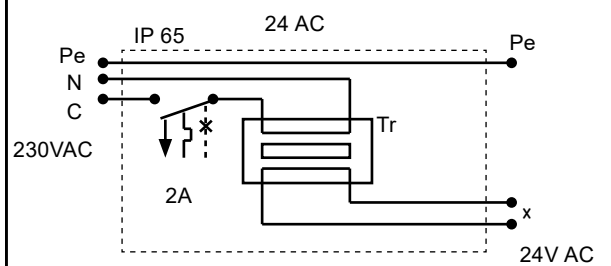




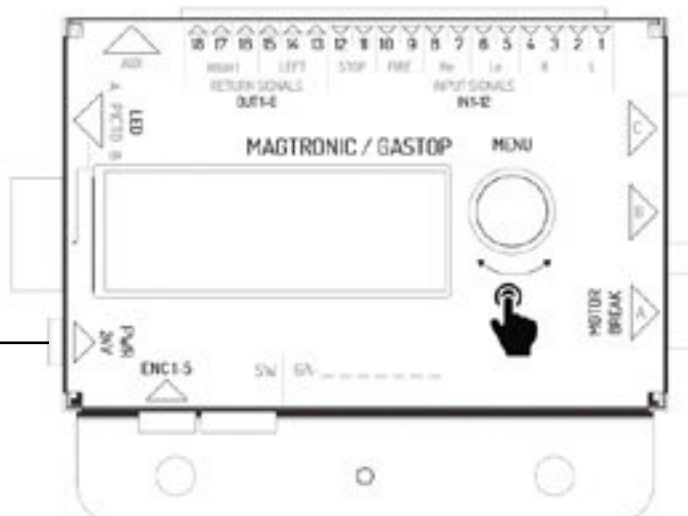


OUTER CONTROL SIGNALS

AND OUTER POWER SUPPLY

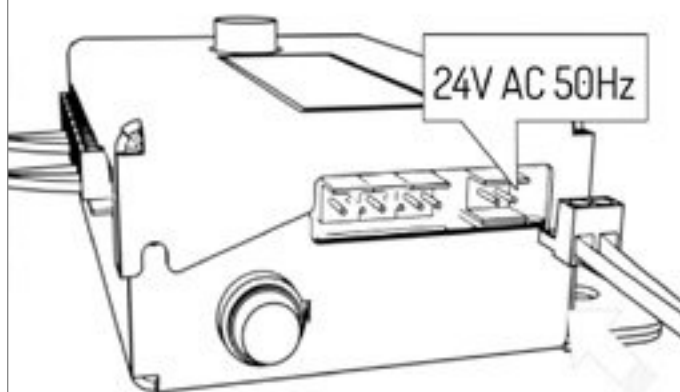


ALTERNATIVE POWER SUPPLY

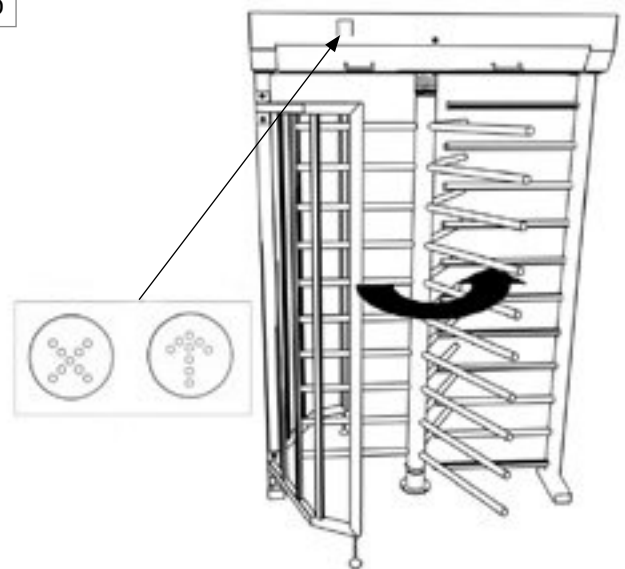


	PIN	DESCRIPTION	ELECTRICAL INFO	CONTROL SCHEME
INPUTS	1	LEFT DIRECTION - INPUT	TTL Hi/Low	
	2	GND	$I_{max} = 1mA$	
	3	RIGHT DIRECTION - INPUT	TTL Hi/Low	
	4	GND	$I_{max} = 1mA$	
	5	LEFT DIRECTION EN. - INPUT (LE)	TTL Hi/Low	
	6	GND	$I_{max} = 1mA$	
	7	RIGHT DIRECTION EN. - INPUT (RE)	TTL Hi/Low	
	8	GND	$I_{max} = 1mA$	
	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	$I_{max} = 0,5A$	

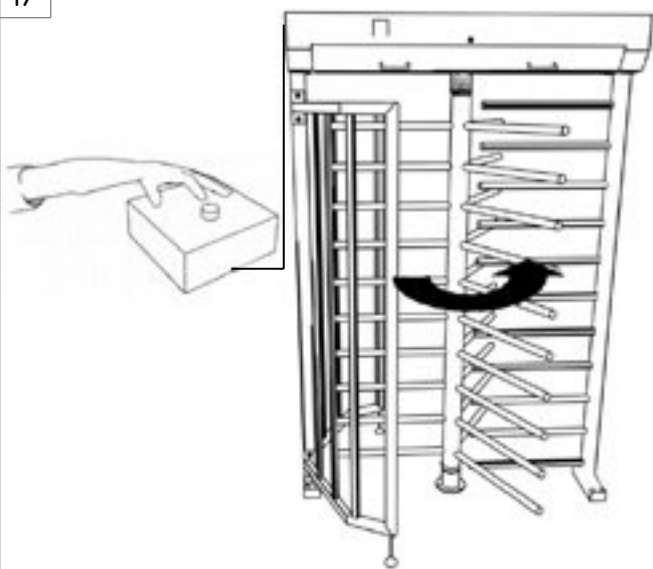
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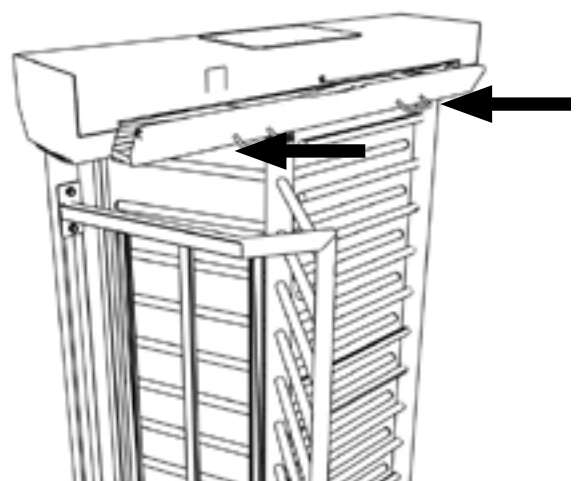
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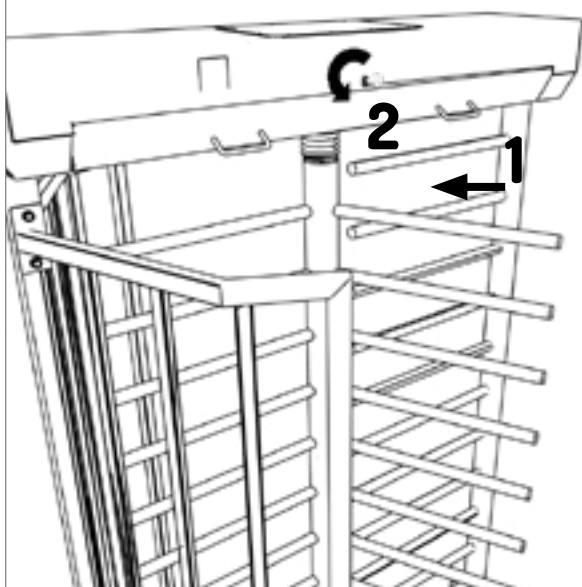
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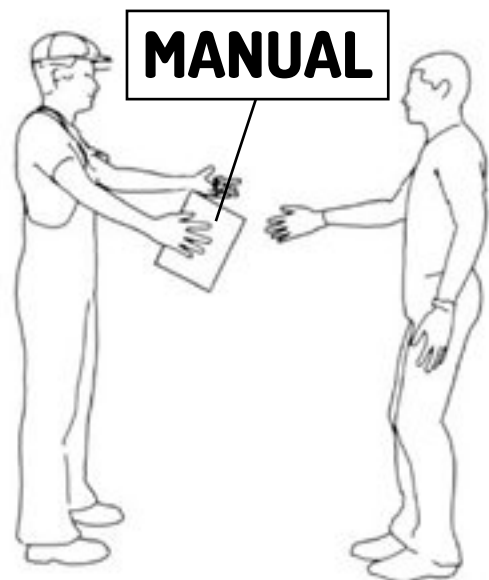
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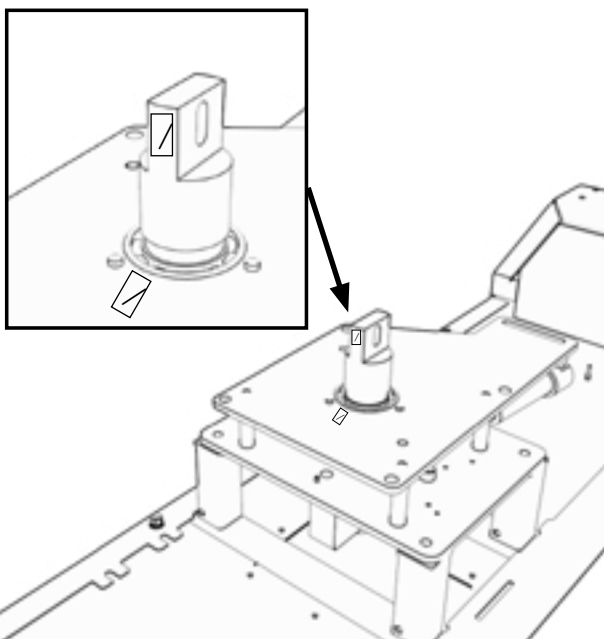
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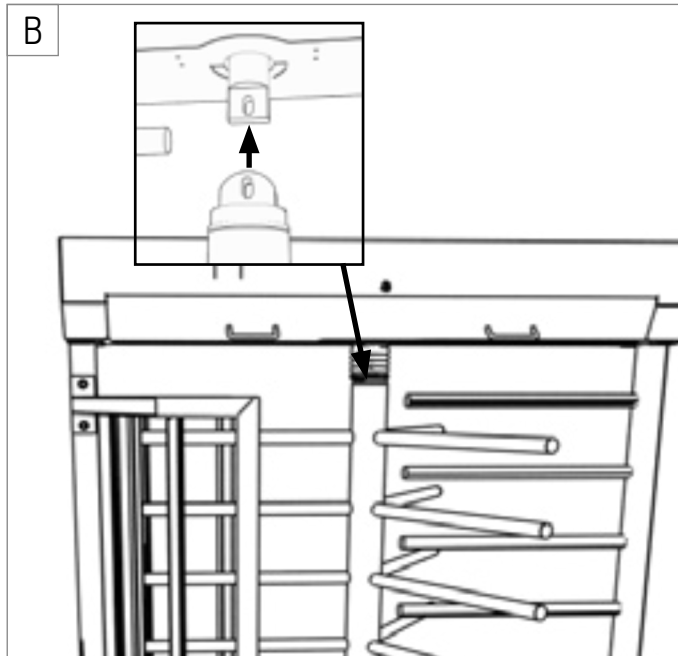
MANUAL

HOW TO CORRECTLY FASTEN ROTOR FOR ZA3/GA3/MA3 SERIES TURNSTILES

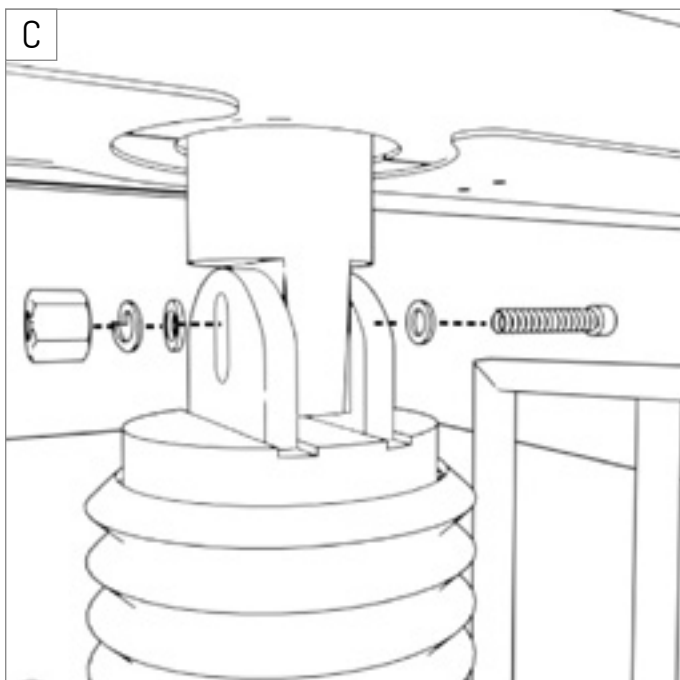
A



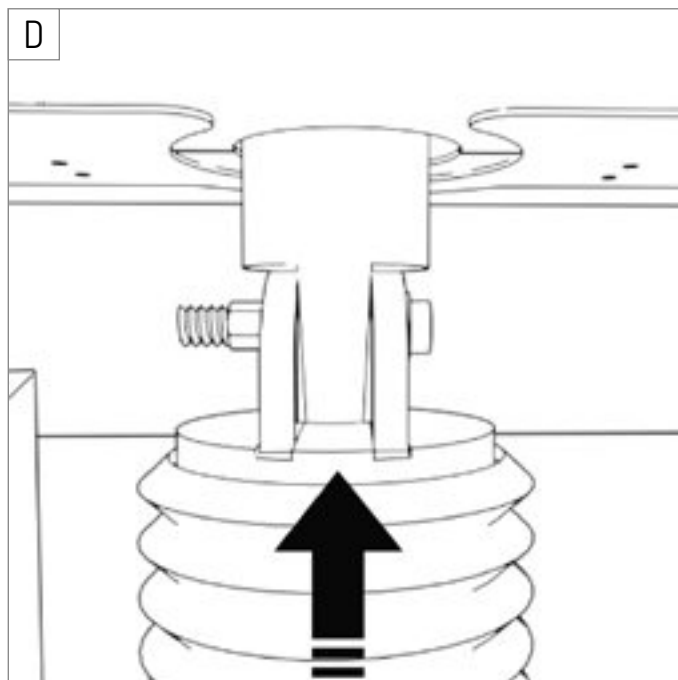
B



C



D



ENGLISH – DESCRIPTION OF DRAWINGS

Before starting the installation please acknowledge the complete Operation and Maintenance Manual of the device. The following shortened version of the installation manual is for presenting some important activities of the device installation process purpose only.

- A. List of the device components.
- B. Tools and objects needed while the device installation*.
 - 1. A knife to cut the device package.
 - 2. A marker to mark holes on a foundation.
 - 3. A set of hex wrenches.
 - 4. A set of flat wrenches.
 - 5. Pliers for electrical installation.
 - 6. A flat screwdriver.
 - 7. A drill with a Ø12mm drill.
 - 8. Glued in (chemical) anchor bolts.
 - 9. Sleeve terminals for wires.
 - 10. A measuring tape.
 - 11. A glue gun.
 - 12. A level.
 - 13. A vacuum cleaner.
 - 14. A ladder.
 - 15. A 230/24V transformer.
 - 16. Operation and Maintenance Manual.
 - 17. A key/keys to close the cover.

*Tools and objects specified in points from 1 to 15 inclusive, are not a component part of the device set.

*Two people are needed for the device installation.

- C. The device should be assembled in such a way, so that the side on which the cover lock is found is directed towards a secured side.
 - 1. Placing a key in a cover lock and turning it 90 degrees right.
 - 2. Opening the device cover
 - 3. Preparing an external wiring to install into a terminal strip. Placing a sleeve terminal onto a conductor of a cable (type of supply cables: FTP 3 x 1.5 mm²min., type of steering cables: FTP 2 x 4 x 0.5mm², distance between the device and the transformer should be no more than 25 meters).
 - 4. Checking the device legs level using a level.
 - 5. Places of drilling holes to fit the legs to the foundation (view from the top).
 - 6. Drilling holes in the foundation in places of the legs fitting to the foundation and then cleaning of the holes.
 - 7. (1) Injecting glue to holes. (2) Placing anchor bolts into holes filled with glue according to the glue manufacturer's recommendations. (3) Once the glue is injected to holes, please wait the amount of time as defined by the glue manufacturer. (4) Tightening anchors with nuts (a sealer must be placed under the nut).
 - 8. Checking the rotor level using a level.
 - 9. Places of drilling holes to fit the rotor to the foundation (view from the top).
 - 10. Drilling holes in the foundation in places of the rotor fitting to the foundation and then cleaning of the holes.
 - 11. (1) Injecting glue to holes. (2) Placing anchor bolts into holes filled with glue. (3) Once the glue is injected to holes, please wait the amount of time as defined by the glue manufacturer. (4) Tightening anchors with nuts (a sealer must be placed under the nut).
 - 12. Tightening the sleeve terminal on a wire using pliers for electrical installation.
 - 13. Installing the wire in a correct place on the terminal strip.
 - 14. Connecting basic signals to a controller. A detailed description of connections can be found in the devices Operation and Maintenance Manual.
 - 15. Plugging the device to the power supply.
 - 16. Automatic test testing the device efficiency.
 - 17. A test performed with the use of an external device (e.g. a button).
 - 18. Placing the device cover back.
 - 19. Placing a key in a cover lock and turning it 90 degrees left.
 - 20. Commissioning of the Operation and Maintenance Manual and keys to the device cover to the device operator/owner.
 - 21. Acknowledging the Operation and Maintenance Manual by an operator supervising the device operation.



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