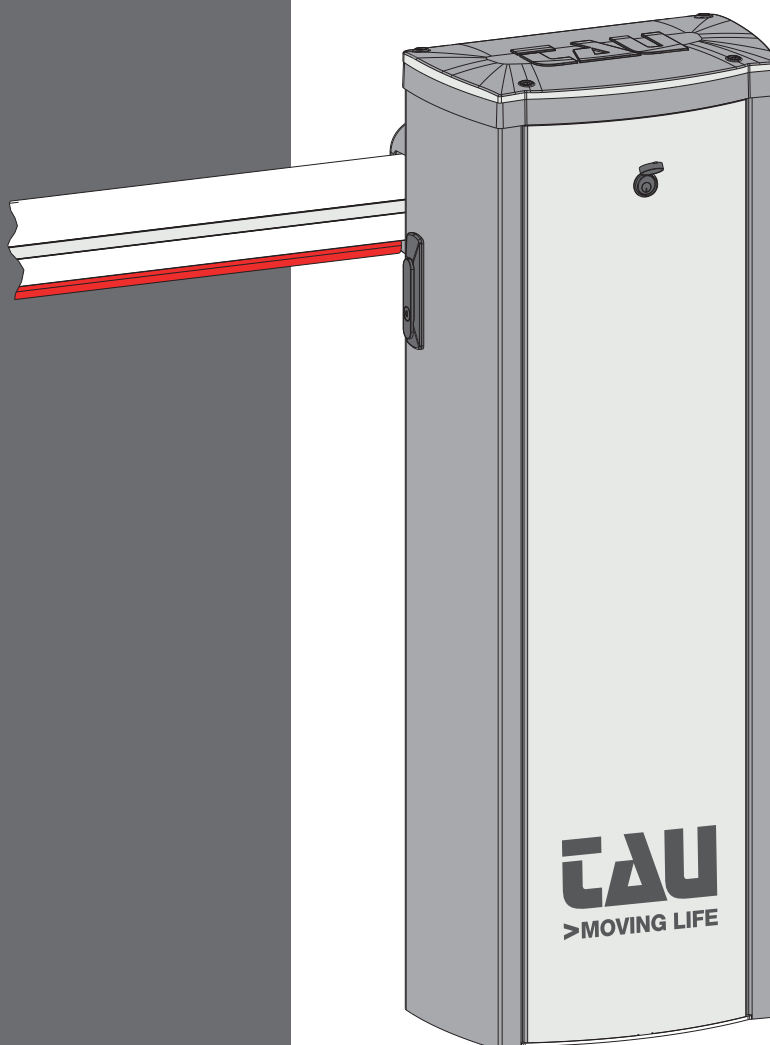


LUXE-S



LINGUA | LANGUAGE | SPRACHE | LANGUE | IDIOMA | LÍNGUA

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The data described in this handbook are purely a guide. TAU reserves the right to change them in any moment. The manufacturer reserves the right to modify or improve products without prior notice. Any inaccuracies or errors found in this handbook will be corrected in the next edition.

When opening the packing please check that the product is intact. Please recycle materials in compliance with current regulations.

This product may only be installed by a qualified fitter. The manufacturer declines all liability for damage to property and/or personal injury deriving from the incorrect installation of the system or its non-compliance with current law (see Machinery Directive).

INSTALLATION WARNINGS. GENERAL SAFETY REQUIREMENTS

- 1) **Carefully read all instructions before installation, as they provide important instructions regarding the safety, installation, operation and maintenance. Incorrect installation or use of the product may lead to serious physical injury.**
- 2) Never leave packaging materials (plastic, polystyrene etc.) within the reach of children as they constitute a potential hazard.
- 3) Keep the instructions in a safe place for future consultation.
- 4) This product has been designed and constructed exclusively for the use specified in this documentation. Any other use not specified herein may impair product integrity and/or constitute a hazard.
- 5) TAU Srl declines all liability for improper use or use other than as specified for this automation.
- 6) Do not install the unit in an explosive environment: the presence of either gas or flammable fumes is a serious safety risk.
- 7) The mechanical elements must comply with the requirements as stated in the standards EN 12604 and EN 12605. For non European member states, in addition to the national reference standards, the above-mentioned standards must be observed to ensure an adequate level of safety.
- 8) TAU Srl is not responsible for failure to observe Good Practice in construction of the gates/doors to be power-operated, nor any deformations occurring during use.
- 9) Installation must be performed in compliance with the standards EN 12453 and EN 12445. For non European member states, in addition to the national reference standards, the above-mentioned standards must be observed to ensure an adequate level of safety.
- 10) Before performing any operations on the system, disconnect from the mains and detach the batteries.
- 11) On the automation power line, install a device for disconnection from the power mains with a gap between contacts equal to or greater than 3 mm. Use of a 6A thermal magnetic circuit breaker with multi-pole switch is recommended.
- 12) Check upline of the system that there is a residual current circuit breaker with a threshold of 0.03 A.
- 13) Ensure that the earthing system is to professional standards and connected to the metal section of the gate/door.
- 14) The automation is equipped with an intrinsic anti-crushing safety device comprising a torque control. The trip threshold must in all cases be checked as stated in the standards specified in point 9.
- 15) The safety devices (standard EN 12978) enable the protection of danger areas from **risks associated with mechanical movements** such as crushing, dragging and shearing.
- 16) The use of at least one luminous indicator is recommended for each system (900T-LED, 800LA, 800LL), as well as a warning notice fixed suitably to the frame structure, in addition to the devices specified in point 15.
- 17) TAU declines all liability for the safety and efficient operation of the automation in the event of using system components not produced by TAU.
- 18) For maintenance, use exclusively original TAU parts.
- 19) Never modify components that are part of the automation system.
- 20) The installer must provide all information regarding manual operation of the system in the event of an emergency and supply the system User with the "User Guide" enclosed with the product.
- 21) Never allow children or other persons to stay in the vicinity of the product during operation.
- 22) Keep all radio controls or other pulse supplier device out of the reach of children to prevent inadvertent activation of the automation.
- 23) Transit should only occur with the automation stationary.
- 24) The user must never attempt to repair or intervene directly on the product; always contact qualified personnel for assistance.
- 25) It is strictly forbidden to use high pressure water cleaners or jets of water in general to clean the automation.
- 26) Maintenance: at least every six months, make a general check of the system, with special reference to the efficiency of the safety devices (including, when envisaged, the operator thrust force) and release mechanisms.
- 27) **All actions not expressly envisaged in these instructions are strictly prohibited.**


1. CONDITIONS OF USE

The LUXE-S automatic barrier has been designed for use in private or public car parks, residential areas or areas of intense traffic.

2. DESCRIPTION AND CHARACTERISTICS

The rapid type **LUXE-S** series barriers are suitable for controlling entrances and car parks where a short waiting time and intensive use are required. **IT IS STRICTLY FORBIDDEN TO USE THE EQUIPMENT FOR PURPOSES OR SITUATIONS THAT ARE DIFFERENT FROM THOSE STIPULATED.**

	LUXE-S / SI	LUXE-SR	LUXE-SE
Frequency	50 - 60 Hz		
Power	230 V AC ±10%		
Absorbed power	250 W		180 W
Motor	18V DC	24V DC	230V AC
Motor absorbed current (max.)	1 A		1,2 A
Max. torque	155 Nm	160 Nm	160 Nm
Reduction ratio	1/191		
Min. opening time	2,2 s.	1,8 s.	2,2 s.
Protection level	IP 54		
Work cycle	100 %		120/hour
Operating temperature	-20°C ÷ +55°C		
Max. round boom length	4 m	3 m	3 m
Max. elliptical boom length	4 m	-	-
Weight	47 Kg	46 Kg	46 Kg

 **When the system is in the 12V DC mode and is powered by the battery only (in the event of a power failure or when used in conjunction with a photovoltaic panel), the gear motor's output (power and speed) is reduced by approximately 30%.**

3. OPTIONAL ACCESSORIES

1. K-800CPLUXESM : Foundation counterplate
2. P-800AT: Adjustable fork support for bar
3. P-900OPTIC: Photoelectric cells
4. P-200BATT: Battery 12V
5. P-800LABTSE: Joint for elliptical boom (LUXE-S and LUXE-M)

* **It is not recommended the installation for intensive use.**

SPRING	A) M-060MGREENL (ø 4,2 mm) Color: Light green RAL 6019	B) M-060MGREEN (ø 5,2 mm) Color: Green RAL 6002
	C) M-060MBLU (ø 6,2 mm) Color: Blue RAL 5003	D) M-060MRED (ø 7 mm) Color: Red RAL 3000

BAR AND ACCESSORIES	LUXE-S + 800ABT/AFI LUXE-SR / LUXE-SE (Round boom)	BAR LENGTH				
		2 m	2,5 m	3 m	3,5 m	4 m
800AFI4 (RBLO) / 800ABT1 (RBLO-E)		A	A			
800AFI4 (RBLO) / 800ABT1 (RBLO-E) + 800AT		A	A	B	C	D
800AFI4+800FPT2					C	C

The **LUXE-S** barrier is supplied as standard with the "D" spring (M-060MRED), suitable for booms up to 4 m.
The **LUXE-SE** barrier is supplied as standard with the "B" spring (M-060MGREEN), suitable for booms up to 3 m.
For different boom lengths or when further optionals are to be installed please order a different spring as per enclosed chart.

SPRING	A) M-060MGREENL (ø 4,2 mm) Color: Light green RAL 6019	B) M-060MGREEN (ø 5,2 mm) Color: Green RAL 6002	E) M-060MYELLOW (ø 9 mm) Color: Yellow RAL 1004
	C) M-060MBLU (ø 6,2 mm) Color: Blue RAL 5003	D) M-060MRED (ø 7 mm) Color: Red RAL 3000	

BAR AND ACCESSORIES	LUXE-S + 800AE (Elliptical boom)	BAR LENGTH				
		2 m	2,5 m	3 m	3,5 m	4 m
800AE		A	B			
800AE + 800AT		A	B	C	D	D*
800AE + 800AT + 800LABTSE		-	-	E	E	E
800AE+800FPL					D*	D*

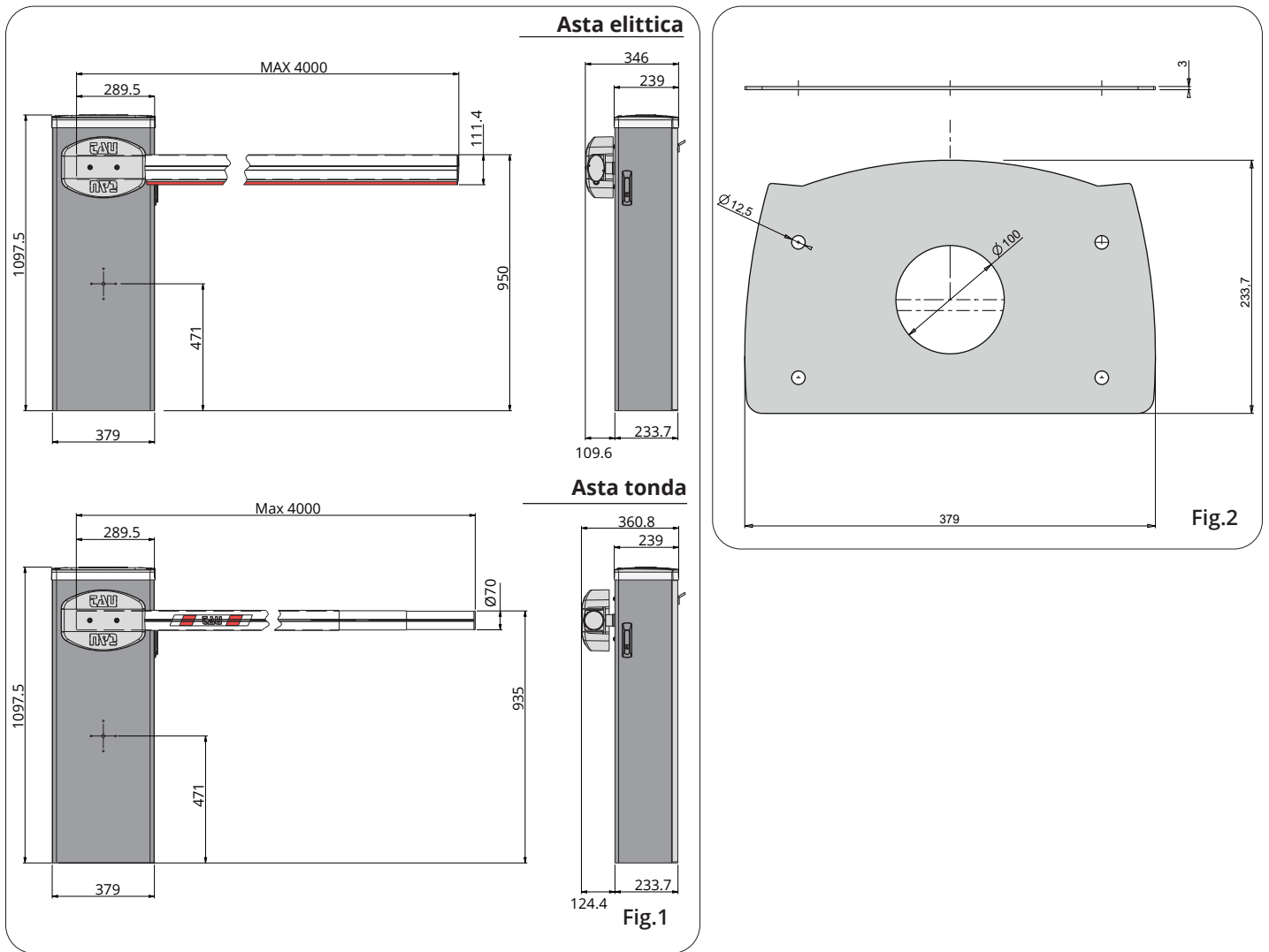
* Eyelet in the max. load position

 **For boom lengths equal or greater than 3 mt. it must use (mandatory) the ground boom support or the pendulum support.**

ATTENTION: PASSAGE WIDTH EQUALS BAR LENGTH LESS 260 mm (see pic. #1).
For different boom lengths or when further optionals are to be installed please order a different spring as per enclosed chart.

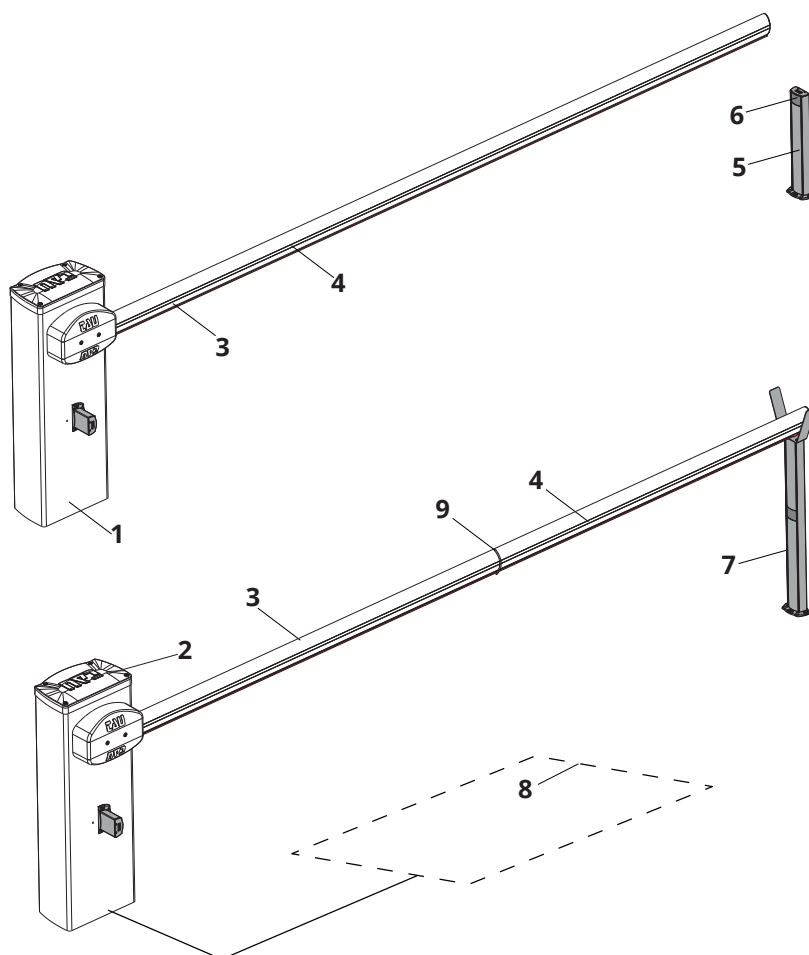
4. OVERALL DIMENSIONS

The main dimensions of the barrier are indicated in pic. 1; pic.2 illustrates the dimensions of the foundation base plate.



5. TYPICAL SYSTEM

- | | | | |
|---|---|---|-------------------|
| 1 | Barrier cabinet | 6 | Photocells |
| 2 | Control panel | 7 | Bar rest (fixed) |
| 3 | Round section aluminium boom
Elliptical section aluminium boom | 8 | Metal mass sensor |
| 4 | LED strip | 9 | Bar gasket |
| 5 | Photocell pillar | | |



6. INSTALLATION

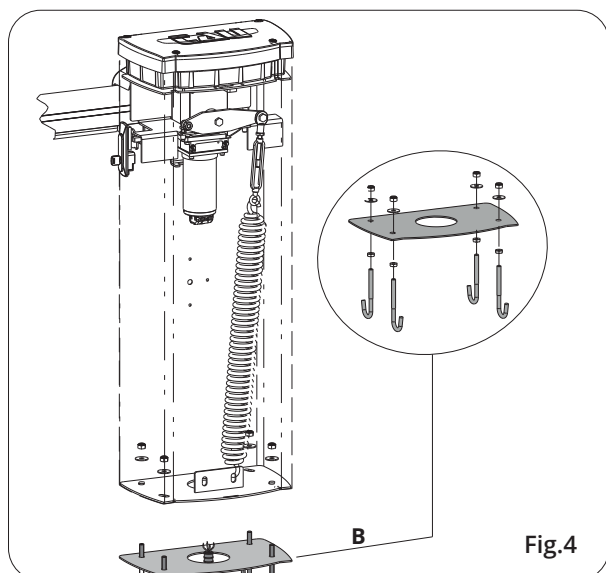
! Installation must be carried out by skilled and qualified personnel in compliance with the regulations in force.

6.1 Preliminary checks

The following principles must be followed in addition to the functionality:

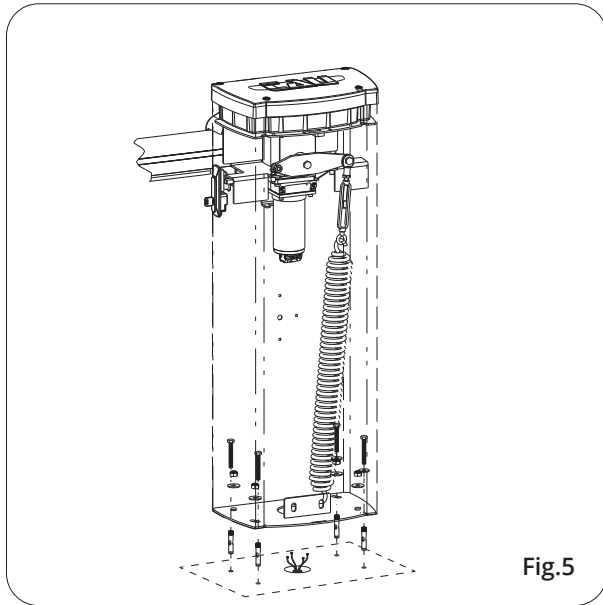
- 1_ before installing the bar, make sure that the area above the bar is free of all obstacles (balconies, cables, trees, etc.)
- 2_ a good visibility at a sufficient distance to avoid collision (pay attention to bushes, etc.)
- 3_ suitable base to guarantee the secure positioning of the barrier
- 4_ absence of pipes and/or electrical cables that could be damaged when preparing the site
- 5_ minimization of the length of the electrical cables that are necessary to operate the barrier
- 6_ positioning in accordance with the present national standards.

6.2 Automation base preparation



Create a rectangular, suitably sized floor slab (A pic.4) with the holes for the exiting cables. Use the foundation counterplate (B pic. 4), with the 4 anchors supplied to be buried in concrete; or, once the floor slab is completed, fix the cabinet to the barrier with 4 M10x120 foundation plugs (C pic. 4). The slab thickness must be at least 10cm and can be increased as required.

6.3 Installation of the barrier group



The barrier is now placed in position, without the bar, and fixed to the base by securely tightening the nuts to the tie bars (or anchor bolts). The perfect stability of the anchorage is controlled and if necessary, the nuts are tightened further.

6.4 Barrier direction adjustment

Right-hand barriers (RH) are barriers that have the cabinet on the right-hand side viewed from the inside of the passageway (the door is normally on the inside).

The barrier can be right-hand operating (RH) by fitting the plates as shown in A Fig. 4.

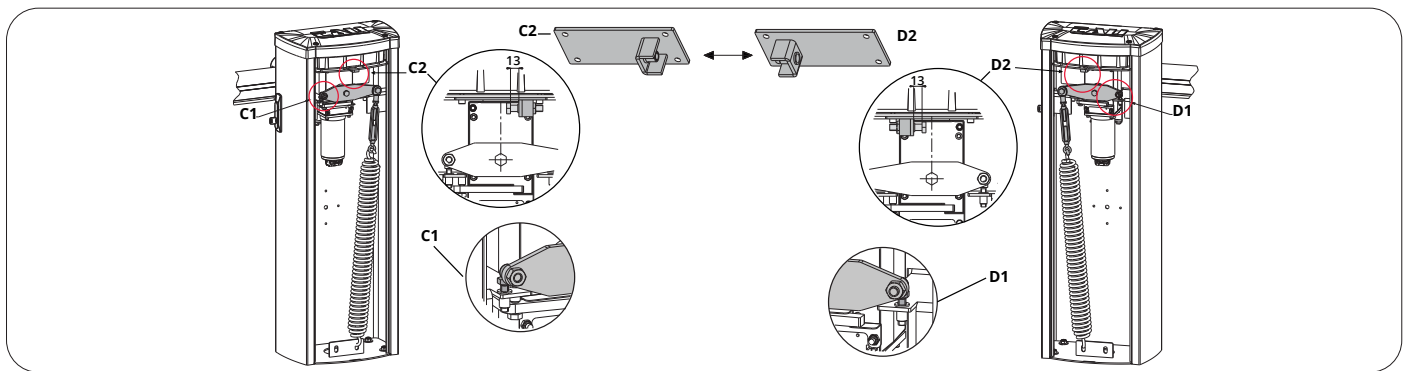
Left-hand barriers (LH) are barriers that have the cabinet on the left-hand side viewed from the inside of the passageway (the door is normally on the inside).

The barrier can be left-hand operating (LH) by fitting the plates as shown in D Fig. 4.

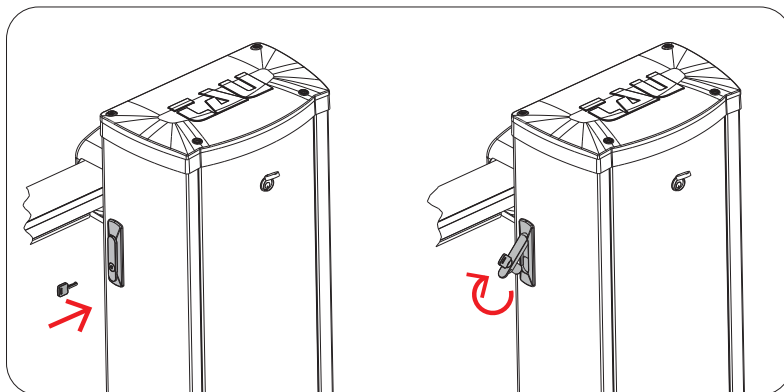
“LUXE-S” is normally delivered in the RIGHT-HAND (RH) version. If it needs to be transformed to LEFT-HAND (LH), proceed as follows:

- 1_ after removing the nuts and washers, remove the upper limit switch support, rotate it 180° and fasten it again.
- 2_ reverse the lever and the spring
- 3_ Once the direction of the barrier has been changed, the motor connections must be reversed (see instructions K206MA) For LUXE-S, instructions K101M for LUXE-SE).

Note: once the direction of the barrier has been changed, the position of the devices are inverted.



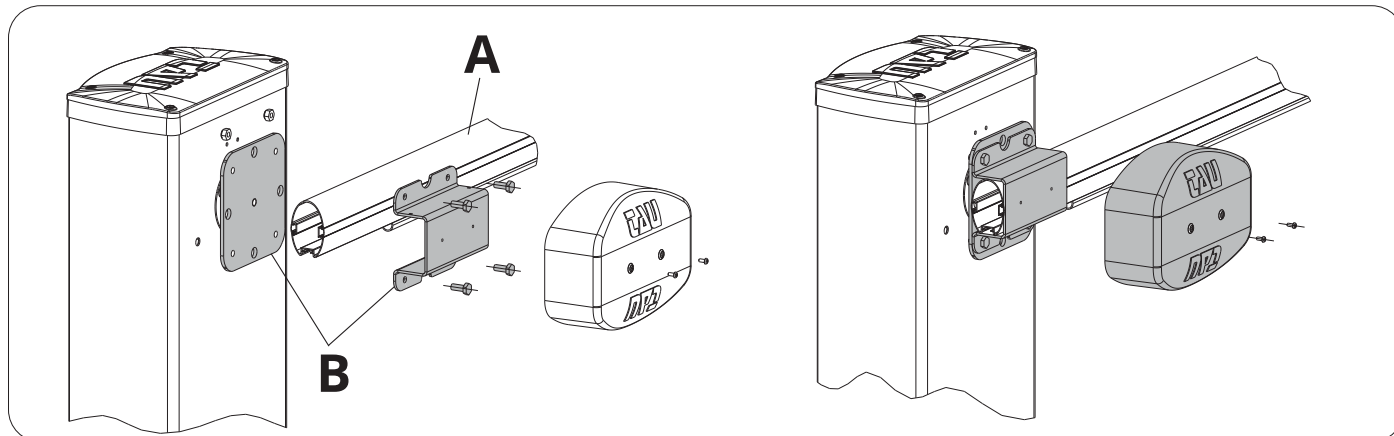
6.5 Manual release



- 1_ Insert the supplied key;
- 2_ turn the handle approx. 330° clockwise. (if initially it seems to resist, give the handle greater strength, no breakage of any kind will be caused).

**Always rotate the release handle to the limit before manually acting on the boom.
Once released, the boom must automatically move to the equilibrium position (approx. 45°).**

6.6 Bar fixing

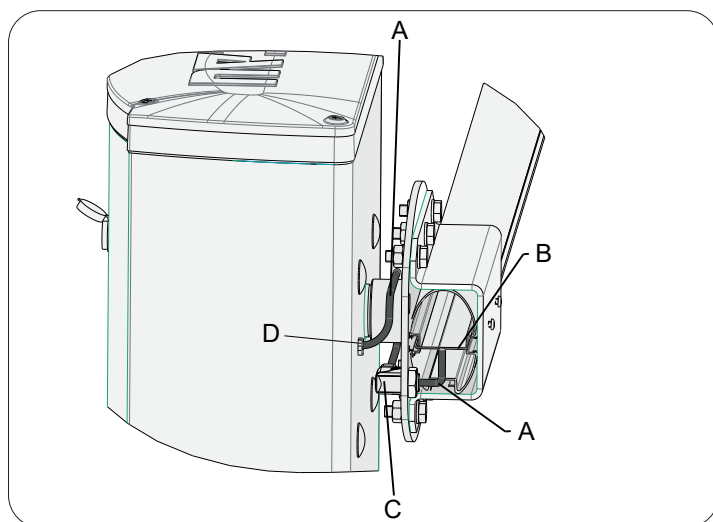


Balancing is fundamental for the correct function of the barrier.

This operation is only performed after the bar has been fitted in its final position with all possible accessories.

All operations are performed with the power supply switched off and the barrier released (see chapter "manual release"):

1. Close the end with the supplied cap (E); insert the bar (A) into the bar holder (B) and secure it with the 2/4 bolts (C) and nuts (D);
Important: the boom must be completely inserted into the boom holder.



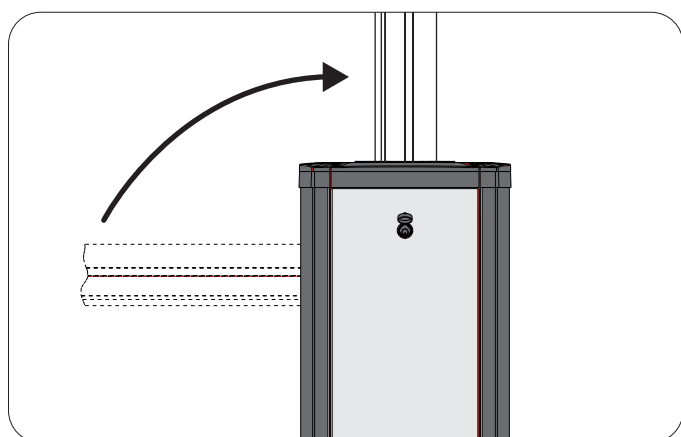
2_ LUXE-M + AE: when the omega bracket is fixed, and after removing the protective cap, pass the LED cable through the hole on the cabinet (to take the cable to the control unit, refer to figure) then fit the cover and secure it with the screws supplied;

A) Position the led connection cable "A".

B) LED stripes

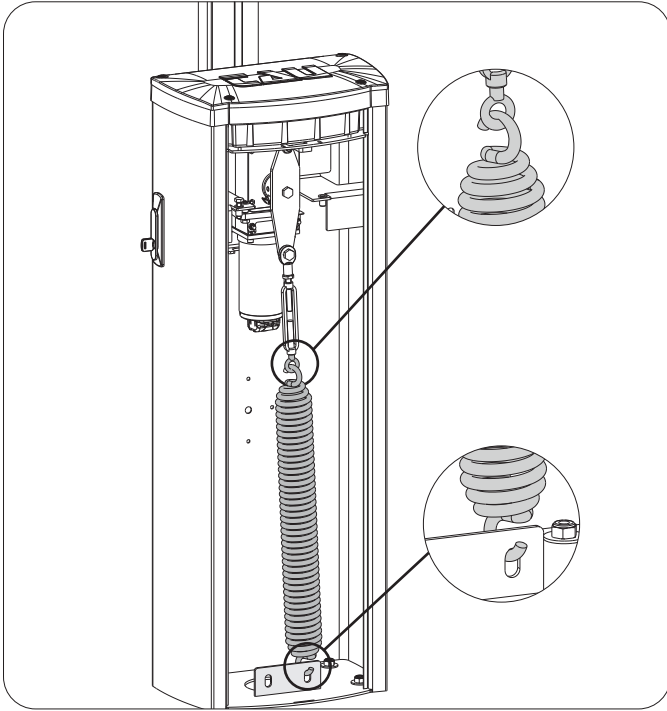
C) 90° articulated cable gland

D) Tear proof cable seal



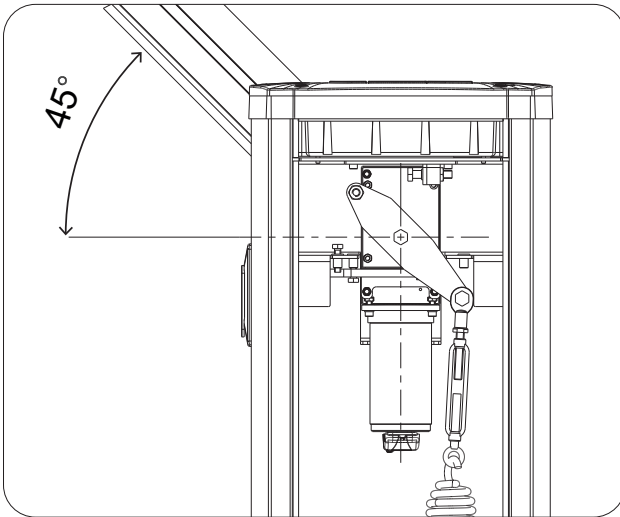
3_ place the bar in a vertical position and block the gearmotor (see the "Manual release" chapter).

6.7 Spring fitting



Now proceed with the assembly of the spring, hooking it to the screw with eyelet and to the hole on the metal sheet at the base of the cabinet, then carry out a first preload by hand-turning the central body of the tie rod and the eyelet.

6.8 Bar balancing



Continue with bar balancing.

Before balancing the bar, check with the table in paragraph "3. Optional accessories" the congruence between the chosen spring, the accessories to be applied and distance are adequate. Correct balancing is essential for the barrier to work properly.



This operation must be carried out only when the bar has been installed permanently with all its accessories.

operate the manual release (see the "Manual release" chapter) keeping at a safe distance. The rod must move by itself to 45°, otherwise load/unload the spring (if the rod tends to rise above 45° the spring must be unloaded by turning the central body clockwise; on the contrary, if it doesn't reach 45°, the spring must be loaded by turning the central body counterclockwise). Lower the rod and release it, check that it has reached 45°.



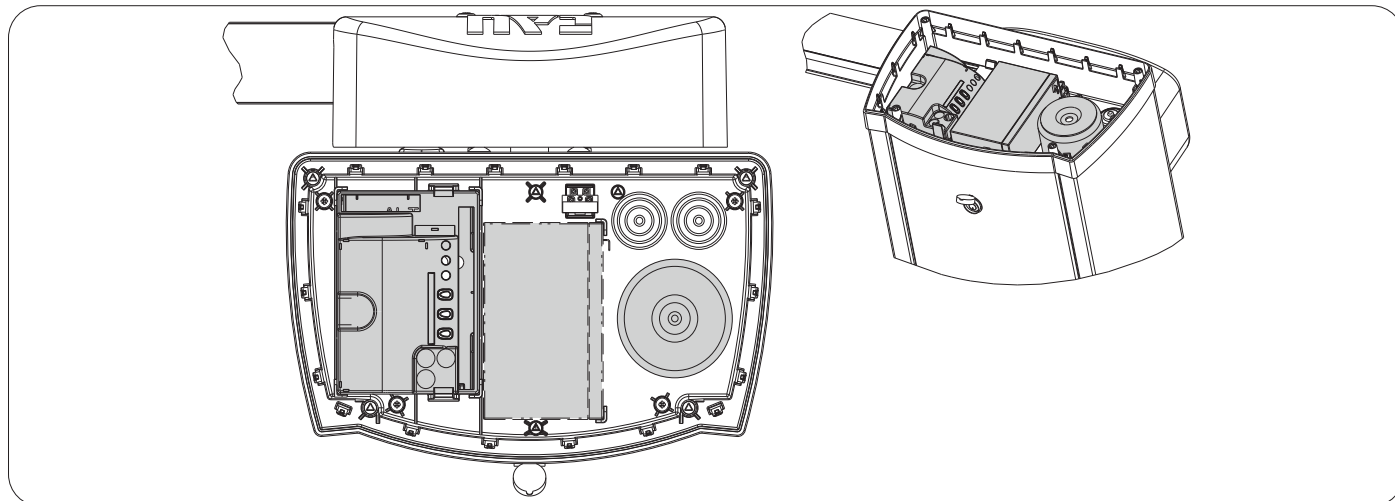
If a load is needed that is greater/lower than that permitted when balancing, move the eyelet into the hole on the right or left to increase/decrease the load capacity.

Continue with the electrical connections to the control panel (see the chapter on electrical connections).

Note: check the spring works correctly.

⚠ IMPORTANT! For a correct operation of the barrier, when the boom is in vertical position the spring must not be completely unloaded.

6.9 Electrical connections

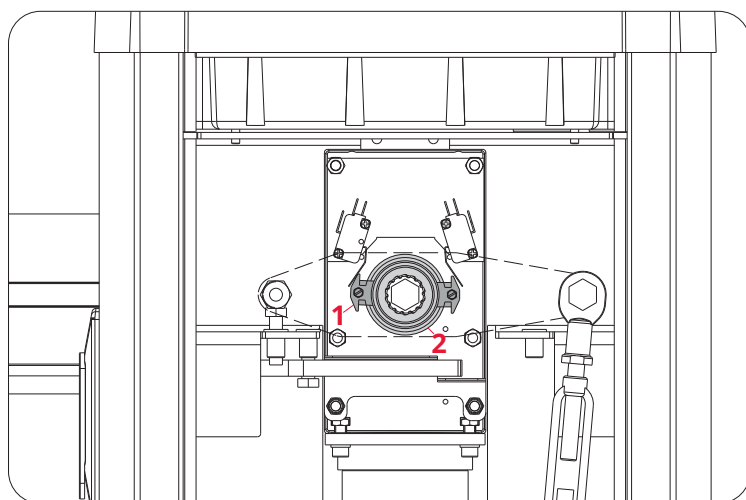


ENGLISH

All devices, supply included, must be installed up to standard and in compliance with the regulations in force. Separate the power cables from the control cables, above all if the paths are long (over 50m). As to the cable section (aerial excluded), TAU recommends: supply 1.5mm², other cables 0.5mm², follow anyway IEC 364 and the installation regulations in force in your country. To access the control card, remove the cabinet cover after removing the locking screws and washers. It is then possible to reach the connections.

Note: internal connections are already made and tested. The supply, external photocell, LEDs and any remote controls must be connected and the card must be programmed.

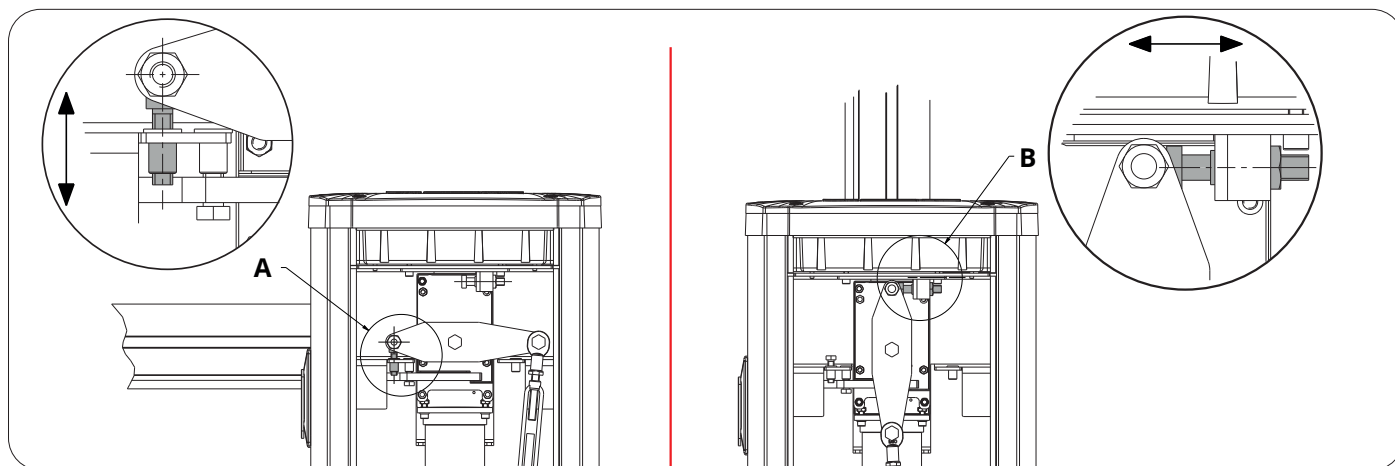
6.10 Electric limit switches - adjustment (LUXE-SE)



The electric limit switches installed on the LUXE-SE are used to set the beginning of the soft stop during opening and closing. To adjust the cams which trigger the limit switches (1) move them around the housing ring (2) until the desired position is reached.

To adjust the limit switches, it is also necessary to set the logic parameters of the controller. For example, if the boom stops immediately after the limit switch has been activated it will be necessary to increase the motor torque (see "logic adjustments" on the K101M controller's manual); on the other hand, if the motor does not shut off once the closing or opening is complete, it will be necessary to increase the limit switch detection threshold (see "logic adjustments" on the K101M controller's manual).

6.11 Mechanical stops adjustment



The barrier is normally supplied with the mechanical stops already adjusted for the ideal movement of the bar. In the event that the foundation plate is incorrectly positioned, the bar may not be perfectly horizontal or vertical thereby giving the barrier an unpleasant appearance.

The course of the bar can be modified to rectify this problem by moving the vibration-damping plugs of the mechanical stop back or forward), by means of the lock nuts of the plugs.

Note: the memorisation procedure on the control unit must be repeated each time the position of the mechanical stops is modified (see K206M instructions).

Once the adjustment has been made, turn the power back on and perform the memorisation procedure on the control unit (see K206M instructions), and check the correct position of the bar from the second automatic manoeuvre (the first manoeuvre is for the control unit to acquire the new stops), if the position is incorrect repeat the procedure.

6.12 Last operations

When the correct operation of all devices controlling the bar has been checked, make sure everything is reset before handing over to the users. Place signs warning people about the barrier where they can be easily read.

7. USE

The barrier has been exclusively designed to limit the flow of vehicles and/or persons in restricted entrances by means of a bar. In the event of blackout, functioning can be guaranteed by means of an optional 12V dry battery having an autonomy of approximately 100 manoeuvres (LUXE-S).

Furthermore, it also comprises electrical equipment and therefore must be approached and used with caution and foresight. In particular we recommend:

- not to touch the equipment with wet hands and/or bare or wet feet;
- not to perform the automatic or semiautomatic function in the presence of known or suspected malfunctions;
- not to pull the cable to disconnect the equipment;
- not to let children, or those unable, use the cabinet keys or controls (including remote controls) even if only to play with;
- not to operate the barrier until it is completely in view;
- not to enter within the operating range while it is moving, wait for it to stop;
- not to rest against the bar or cabinet for any reason, even when the barrier is inactive and do not remain within the operating range of the barrier;
- not to let children or animal play within the operating range of the barrier;
- not to use the barrier for purposes (e.g. lifting of weights or persons) other than those foreseen. The manufacture holds no responsibility what so ever for damages caused by the said actions;
- to perform periodic maintenance by specialised personnel;
- if there is a fault, turn off the power supply. Use the manual manoeuvre only if safe. Do not attempt to resolve the problem yourself, contact a qualified technician of the manufacturer or authorised by the manufacturer. In any case, make sure that the spare parts are original so that the safety of the barrier is not compromised.

8. MAINTENANCE

To be performed by specialised personnel only after having turned off the power supply.

After every 100,000 manoeuvres, check:

- the greasing of the spring;
- the balance of the bar (see chapter "Bar fixing, spring fitting and bar balancing");
- the efficiency of the force;
- the integrity of the battery, if present;
- The efficiency of the protection and safety devices;
- the wear on the mechanical stops and the adjustment of the limit switches (see chapter "Limit switch adjustment").

The above mentioned maintenance is vital in order that the product functions correctly throughout time.

In general

It must be impossible for third parties to operate the barrier during maintenance; therefore turn off the mains power supply (and battery if present).

- Release the bar first in order to facilitate the operation.

Greasing

- 1_ open the cabinet door;
- 2_ grease the eyelets of the screws of the balancing spring;
- 3_ grease the contact points between the cam of the manual release and the release lever;
- 4_ keep away from possible moving gears or mechanical parts.

FREQUENCY: every 100,000 manoeuvres or 6 months, **failing which the guarantee lapses.**

N.B it is highly recommended to use high resistance grease based on calcium soap.

Bar balancing

Check the bar is balanced correctly repeating the operations described in "Bar fixing, spring fitting and bar balancing". This operation is fundamental for the correct functioning and duration of the barrier. If necessary, increase the preloading of the springs in order to compensate for its wear. See the subsequent paragraph "Extraordinary maintenance and repairs" in the event the springs need to be changed.

FREQUENCY: every 100.000 manoeuvres or 6 months, **failing which the guarantee lapses.**

Control of the force limitation efficiency

Check the correspondence between the true operation and the operation established during installation.

FREQUENCY: every 100.000 manoeuvres or 6 months, **failing which the guarantee lapses.**

Control of the 12V dc battery

Check the charge level of the battery by means of a tester. If replacement is necessary, substitute the flat battery with an original and do not dispose of it in the environment.

FREQUENCY: every 100.000 manoeuvres or 6 months, **failing which the guarantee lapses.**

Control of the remaining protection and safety devices

Photocells: they can trigger both in opening as well as in closing; check the dip-switch programming. Clean the outer casing. Check that the following specifications are respected:

- The flashing light is working and visible;
- The adhesive danger sign on the door is well attached and visible;
- The adhesive danger sign on the back of the barrier is well attached and visible. If these signs do not correspond to the stated conditions, restore their original effectiveness or, if this is impossible, replace them.

FREQUENCY: every 6 months, **failing which the guarantee lapses**.

9. EXTRAORDINARY MAINTENANCE AND REPAIRS

ATTENTION: ON COMPLETION OF THE FIRST 2000 MANOEUVRES, THE ROD BALANCING PROCEDURE MUST BE CARRIED OUT AGAIN.

If a complicated repair or replacement of electromechanical parts is necessary, the unit in question (control unit, gearmotor unit) should be removed in order for the repair to be carried out by the manufacturer or by authorised technicians. Otherwise, the safety and reliability of the barrier may be reduced (such as the guarantee for example).

 If the barrier is used in a saline environment or an environment that is highly contaminated by corrosive chemical reactants, the frequency of the maintenance controls must be increased due to the increased environmental deterioration; In this case the external metal cabinet should also be inspected.

10. TROUBLESHOOTING

This paragraph deals with the most probable causes of common faults, in order to promptly re-establish the barrier. In any case the indicated case study is incomplete (both from a cause point of view as well as a fault point of view).

a_ The barrier is blocked (open, closed or half-open):

- 1_ *no power supply;*
- 2_ *inefficient commands;*
- 3_ *blown power supply fuse;*
- 4_ *photocells (also enabled during opening) active because they are incorrectly aligned and/or covered (grass, etc);*

b_ the barrier continues to open and close;

- 1_ *check the false contacts of the remote control buttons and the key selector switches that remain on;*

c_ the barrier remains open;

- 1_ *the photocells are active because they are not aligned and/or dirty (mud, etc) and/or covered (grass, etc);*

d_ the barrier has difficulty in opening;

- 1_ *the bar balancing spring needs adjusting;*

e_ the barrier lifts/lowers more than the foreseen limits;

- 1_ *the mechanical limit switches need adjusting (see chapter "MECHANICAL STOPS ADJUSTMENT").*

11. DECOMMISSION

When the barrier has reached the end of its useful life it should be removed and the reusable materials should be recycled. Pay attention to that which is stipulated by local and/or national laws and regulations. Care should be taken when recycling the following parts:

- cabinet painted with epoxy paint
- methacrylate flashing light dome
- ABS control unit box
- electronic cards
- 12V dc dry battery (lead acid)
- lithium grease inside the reduction gear
- minor plastic and/or rubber connections and protections.

RESPECT THE ENVIRONMENT!

DISMANTLING WARNINGS: the barrier dismantling operations must respect the safety measures: therefore, disconnect the power supply before proceeding. Slacken (not completely) the springs adjusting tie-rods so that the bar can be comfortably and safely removed. Then unscrew the blocking screws on the base of the cabinet in order to process as desired.

12. TRANSPORT

The bar, which can be purchased on request, is packed separately from the barrier that is packaged in a cardboard box. Care and attention must be taken throughout the handling phase. Ideally, a manual or motorised trolley should be used for lifting and movement. The items must be stored upright, even for short periods, respecting the direction that is indicated on the packaging and taking into consideration that high centres of gravity cause instability.

The bar must be stored making sure that there are no protruding parts or loads that could damage it. Once unpacked, make sure that it is intact. Do not discard the packaging, but rather recycle it following local laws.

 **WARNING: to prevent suffocation or similar dangers, do not allow children to handle the packaging.**

GUARANTEE: GENERAL CONDITIONS

TAU guarantees this product for a period of 24 months from the date of purchase (as proved by the sales document, receipt or invoice).

This guarantee covers the repair or replacement at TAU's expense (ex-works TAU: packing and transport at the customer's expense) of parts that TAU recognises as being faulty as regards workmanship or materials.

For visits to the customer's facilities, also during the guarantee period, a "Call-out fee" will be charged for travelling expenses and labour costs.

The guarantee does not cover the following cases:

- If the fault was caused by an installation that was not performed according to the instructions provided by the company inside the product pack.
- If original TAU spare parts were not used to install the product.
- If the damage was caused by an Act of God, tampering, overvoltage, incorrect power supply, improper repairs, incorrect installation, or other reasons that do not depend on TAU.
- If a specialised maintenance man does not carry out routine maintenance operations according to the instructions provided by the company inside the product pack.
- Wear of components.

The repair or replacement of pieces under guarantee does not extend the guarantee period.

In case of industrial, professional or similar use, this warranty is valid for 12 months.

MANUFACTURER'S DECLARATION OF INCORPORATION (in accordance with European Directive 2006/42/EC App. II.B)

Manufacturer: TAU S.r.l.
Address: Via E. Fermi, 43 - 36066 Sandrigo (Vi) ITALY

Declares under its sole responsibility, that the product: *Electromechanical actuator*
designed for automatic movement of: *Road Barriers*
for use in a: *General environment*
complete with: *Electronic control unit and radioreceiver*

Model: *LUXE-S* Type: *LUXE-S*
Serial number: *SEE SILVER LABEL* Commercial name: *AUTOMATIC BARRIER*

Has been produced for incorporation on an access point (*automatic barrier*) or for assembly with other devices used to move such an access point, to constitute a machine in accordance with the Machinery Directive 2006/42/EC.

Also declares that this product complies with the essential safety requirements of the following EEC directives:
- **2014/35/EU Low Voltage Directive** - **2014/30/EU Electromagnetic Compatibility Directive**

and, where required, with the Directive:
- **2014/53/EU Radio equipment and telecommunications terminal equipment**

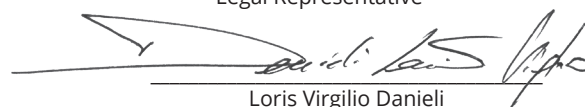
Also declares that **it is not permitted to start up the machine** until the machine in which it is incorporated or of which it will be a component has been identified with the relative declaration of conformity with the provisions of Directive 2006/42/EC.

The following standards and technical specifications are applied:
EN 61000-6-2; EN 61000-6-3; EN 60335-1; ETSI EN 301 489-1 V1.9.2; ETSI EN 301 489-3 V1.6.1;
EN 300 220-2 V2.4.1; EN 12453:2000; EN 12445:2000; EN 60335-2-103.

The manufacturer undertakes to provide, on sufficiently motivated request by national authorities, all information pertinent to the quasi-machinery.

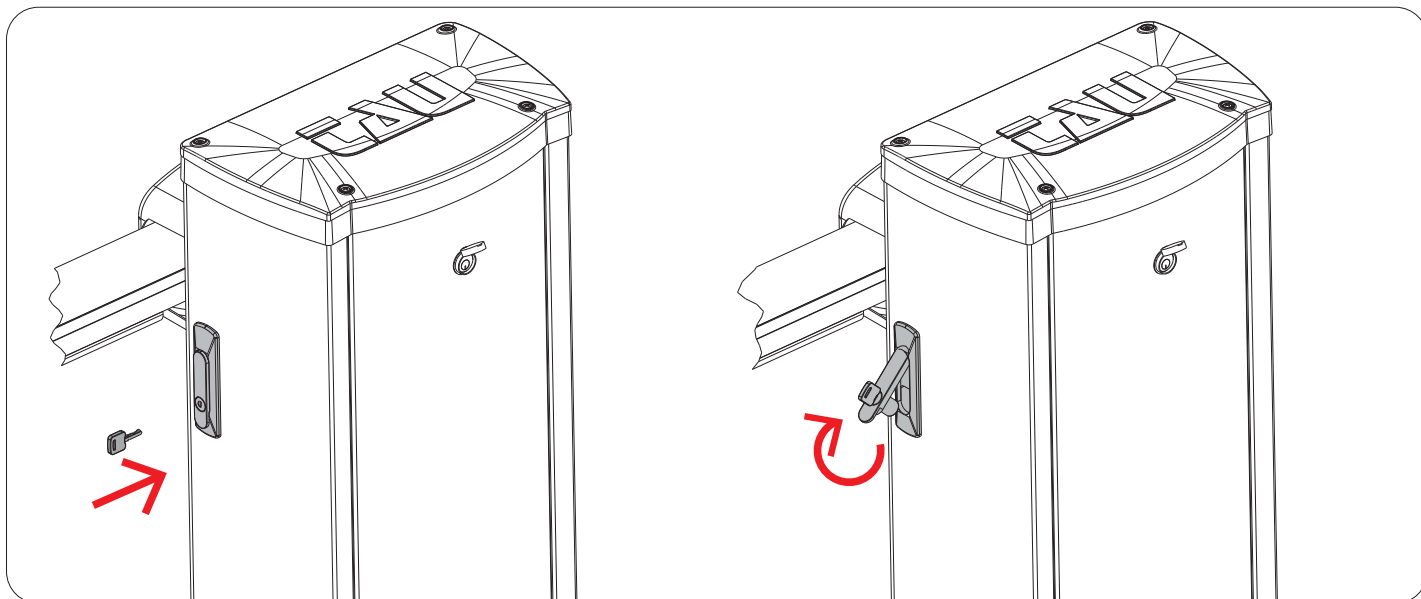
Sandrigo, 01/09/2022

Legal Representative


Loris Virgilio Danieli

Name and address of person authorised to draw up all pertinent technical documentation:
Loris Virgilio Danieli - via E. Fermi, 43 - 3606 Sandrigo (Vi) Italia

SBLOCCO MANUALE | MANUAL RELEASE | MANUELLE ENTRIEGELUNG DÉBLOCAGE MANUEL | DESBLOQUEO MANUAL | DESBLOQUEIO MANUAL



ITALIANO:

- 1_ Inserire la chiave in dotazione;
- 2_ ruotare, in senso orario, la maniglia di 330° ca.

Ruotare sempre fino al limite la maniglia di sblocco prima di agire manualmente sull'asta.

A sblocco avvenuto, l'asta deve automaticamente portarsi nella posizione di equilibrio (45° ca.).

ENGLISH:

- 1_ Insert the supplied key;
- 2_ turn the handle approx. 330° clockwise.

Always rotate the release handle to the limit before manually acting on the boom.

Once released, the boom must automatically move to the equilibrium position (approx. 45°).

DEUTSCH:

- 1_ Stecken Sie den mitgelieferten Schlüssel ein;
- 2_ drehen Sie den Griff ca. 330 ° im Uhrzeigersinn.

Drehen Sie den Entriegelungsgriff immer bis zum Anschlag, bevor Sie manuell auf die Stange einwirken.

Nach dem Entriegeln muss sich die Stange automatisch in die Gleichgewichtslage (ca. 45°) bewegen.

FRANÇAIS:

- 1_ Insérez la clé fournie ;
- 2_ tourner la poignée d'environ 330° dans le sens des aiguilles d'une montre.

Tournez toujours la poignée de déverrouillage jusqu'à la limite avant d'agir manuellement sur la lisse.

Une fois relâchée, la lisse doit se déplacer automatiquement vers la position d'équilibre (env. 45°).

ESPAÑOL:

- 1_ Inserte la llave suministrada;
- 2_ Girar la manilla en el sentido de las agujas del reloj unos 330°

Gire siempre la manilla de desbloqueo hasta el tope antes de actuar manualmente sobre la barra.

Cuando el desbloqueo se haya completado, la barrera debe desplazarse automáticamente a su posición de equilibrio (aprox. 45°).



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Foglietto illustrativo
CARTA - Raccolta differenziata. Segui le indicazioni del tuo comune. (N.B.: togliere i punti metallici)



Instruction leaflet
PAPER - Waste separation. Follow the instructions of your city hall. (Note: remove the staples)