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Superbrava Series SUPERBRAVO ELECTRIC RAIL

Model: R-2022

INSTRUCTIONS MANUAL









CONTENTS

| 1. INTRODUCTION | 3 |
|---|----|
| | |
| 1.1. FOREWORD | 3 |
| 1.2. RESPONSIBILITY AND WARRANTY | |
| 1.3. Specifications | |
| 1.4. ATTENTION | |
| 1.5. SUMARY OF THE SAFETY PRECAUTIONS | 5 |
| | |
| 2. INSTRUCTIONS MANUAL | 7 |
| | |
| 2.1. TECHNICAL SPECIFICATIONS | 7 |
| 2.2. ASSEMBLING THE SUPERBRAVA STRETCHER ONTO THE SUPERBRAVO RAIL | g |
| 2.3. LATERAL MOVEMENT (SIDE PEDALS) | 12 |
| 3.1. VEHICLE'S CONFIGURATION | 13 |
| 3.2. FIXATION OF THE RAIL TO THE AMBULANCE | 14 |
| 3.2. ELECTRICAL CONNECTION | 15 |
| | |
| 4. PRODUCT CARE & DISPOSAL | 16 |
| | |
| 4.1. SERVICE REQUESTS | |
| 4.2. Environmental conditions | |
| 4.3. CLEANING | |
| 4.4. Maintance | |
| 4.4.1. Preventive maintenance | |
| 4.4.2. Service Maintenance | 18 |
| 4.5. Transport and storage | |
| 4.6. DISPOSAL | 18 |
| F EVDLODED CLIDEDDDAVO DALI | 10 |





1. INTRODUCTION

1.1. Foreword

The SUPERBRAVO R-2022 rail has been specifically designed for the perfect fastening of the KARTSANA "SUPERBRAVA" stretcher model.

This stretcher has been tested according to the regulation UNE-EN 1866.All information regarding treatment, disinfection and maintenance is indicated, taking into consideration our current experience and know-how.

We reserve the right to change the specifications of the stretcher to improve the products.

1.2. Responsibility and warranty

The rail must be checked at the time of its delivery to the rescue organization. All its functions must be explained in detail. The assistance organization must take charge of teaching all its employees how to use it correctly.

The product has a 24-months warranty from the delivery date to the end user. (See Warranty Conditions and Warranty Certificate enclosed with the product).

The warranty does not cover defects resulting from incorrect installation, misuse, or improper use of the rail. All repairs must be made by a technical service authorized by Kartsana or its respective representative.

The manufacturer will not be liable for any anomaly caused to the stretcher because of using products other than those provided by Kartsana.

Changes or modifications to the unit not expressly approved by Kartsana could void the user's authority to operate the system.



1.3. Specifications

| SPECIFICATION | RAIL SUPERBRAVO R-2022 |
|--|---|
| Maximum unassisted load | 400 Kg |
| Standards | UNE-EN-1865-5 EN-1789+A1 |
| Total Length | 2151 mm |
| Total Widht | 674 mm |
| Height | 372 mm |
| Recommended operatives required to load / unload an occupied stretcher | 1 operative, or 2 if the stretcher were occupied by a larger sized patient. |
| Recommended/Compatible stretcher | TG-2022 (SUPERBRAVA) |

1.4. Attention

Throughout this manual, you will find 3 types of ISO 20417 signs. For **warning**, we have ISO 7010-W001. **Prohibition** is indicated by ISO 7010-P001 and **obligation** by ISO 7010-M001.







With these signs we inform about important safety measures for the correct use of the stretcher and to avoid possible accidents.

Warnings alert the reader to situations which, if not avoided, could lead to death or serious injury. On the other hand, the prohibitions indicate actions that must not be carried out under any circumstances and the obligations, those measures and/or actions that must be carried out to use the product properly and maintain safe functionality.

1.6. Summary of safety precautions

Carefully read and strictly follow the warnings and cautions listed on these pages. Service only by qualified personnel.



WARNINGS:

- Improper usage of the stretcher can cause injury to the patient or operator. Operate the stretcher only as described in this manual.
- Do not modify the stretcher or any components of the stretcher. Modifying the product can cause unpredictable operation resulting in injury to the patient or operator. Modifying the product also voids its warranty
- This rail must work with a compatible stretcher.
- The fastening system to the emergency vehicle compatible with our rail must be correctly installed for correct fastening of the stretcher. Failure to do so could result in injury to the patient, operator or vehicle.
- Ask for a correct installation of the fixing rail to the vehicle floor. The position of this rail will determine the correct operation of the stretcher. After installation, practice changing the entry and exit positions of the stretcher from the rail until you have fully learned the operation of the product. Improper use may cause injury.



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- Do not allow untrained assistants to help you operate the rail. Untrained technicians and assistants can cause injury to the patient and themselves.
- Do not climb onto the base of the rail as this may damage the product, unbalance the patient and/or cause injury.
- Incorrectly securing the stretcher can cause injury. Avoid placing hands, fingers or feet on the moving parts of both the rail and the stretcher. To avoid injury, when raising and lowering the stretcher be very careful when placing hands and feet near the moving parts (inlet tray).
- The SUPERBRAVO rail is designed to be compatible with the Kartsana SUPERBRAVA stretcher.
- When cleaning, use appropriate personal protective equipment (goggles or respirators) to avoid the risk of inhaling infectious organisms.
- Some cleaning products are corrosive and may damage the product if used incorrectly. If the products described above are used to clean Kartsana equipment, steps should be taken to ensure that the couches are rinsed with clean water and dried thoroughly after cleaning. Failure to properly rinse and dry the units may leave a corrosive residue on the surface of the units, which is likely to cause premature corrosion of key components.
- Failure to properly clean or improperly dispose of a contaminated mattress or other components increases the risk of exposure to blood-borne pathogens and could result in injury to the patient or operator.



CAUTIONS:

- Changes or modifications to the unit not expressly approved by Kartsana could void the user's authority to operate the system.
- Installation of the safety hook should be done by a certified mechanic familiar with ambulance vehicle construction. Consult the vehicle manufacturer before installing the safety hook and be sure that the installation of the safety hook does not damage or interfere with the brake lines, oxygen lines, fuel lines, fuel tank or electrical wiring of the vehicle.
- Before operating the rail, clear any obstacles that may interfere and cause injury to the operator or patient
- When unloading the stretcher from the patient compartment, ensure that the caster wheels are safely set on the ground or damage to the product may occur.
- Ensure that the belts are not entangled in the base frame when raising and lowering the stretcher.
- Do not steam clean or ultrasonically clean the unit.
- Failure to comply with these instructions may invalidate any/all warranties.
- A preventive maintenance programme should be established for all Kartsana equipment. Depending on the frequency of use of the product, preventive maintenance may need to be carried out more often.
- For additional maintenance information, see the preventative maintenance information.
- Improper maintenance can cause injury or damage to the product. Maintain the stretcher as described in this manual. Use only Kartsana approved parts and maintenance procedures. Using unapproved parts and procedures could cause unpredictable operation and/or injury and will void the product warranty.
- Failure to use authorized parts, lubricants, etc. could cause damage to the stretcher and will void the warranty of the product.



NOTES:

- Loose items or debris on the patient compartment floor can interfere with the operation of the safety hook and stretcher fastener. Keep the patient compartment floor clear.
- This manual should be considered a permanent part of the stretcher and should remain with the product even if the stretcher is subsequently sold.
- Kartsana continually seeks advancements in product design and quality. Therefore, while this manual contains the most current product information available at the time of printing, there may be minor discrepancies between your stretcher and this manual.
- Kartsana recommends that, prior to installation, the certified mechanic plan the placement of the safety hook in the rear of the vehicle.



2. INSTRUCTIONS MANUAL

Only the SUPERBRAVA stretcher can be mounted on the SUPERBRAVO.



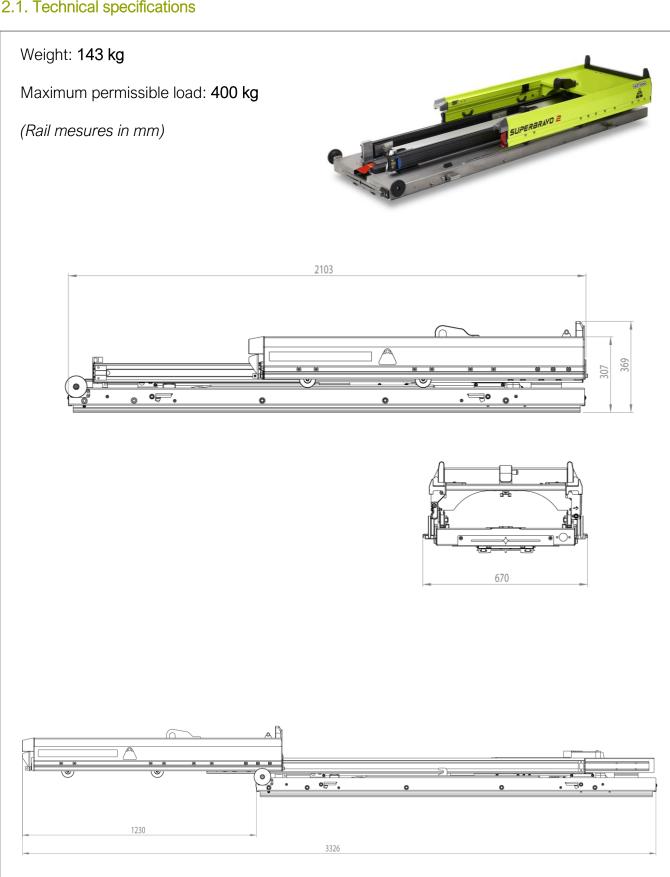








2.1. Technical specifications



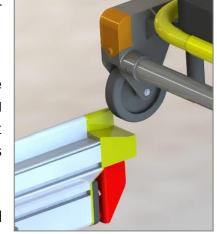


2.2. Assembling the SUPERBRAVA Stretcher onto the SUPERBRAVO Rail



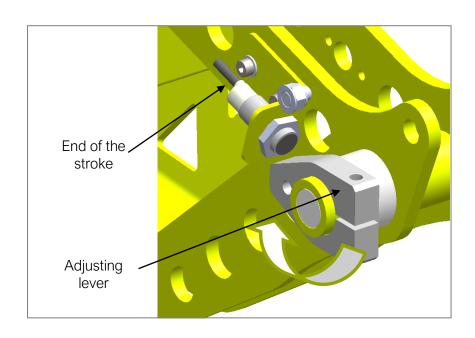
We must adjust the maximum elevation range of the stretcher only the **first time** we load it on the rail. If we change to another ambulance of a different height, we will have to adjust it again.

To adjust the maximum elevation of the upwards range of the stretcher, we must place it opposite the extended r Safety handrail Safety handrail ail on the outside of the ambulance. Place the front wheels half a centimeter above where the small loading wheels slide. See picture.



The stretcher should be held in this position when it is removed from the rail. Then look for the adjusting lever on the top of the stretcher near the shock absorber attachment on the headrest.

The cam is fixed to the shaft with a screw "H" which must be loosened, then rotate the cam until it presses the end of the stroke. For this purpose, there is a sticker with a graduated scale to serve as a reference. Once oriented in such a way that we have heard the "click" of the limit switch, we will tighten the screw 8 Nm to fix the cam in this definitive position.

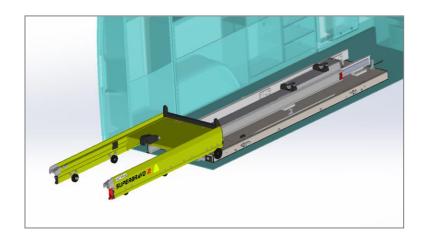


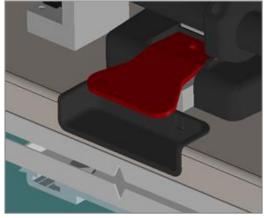


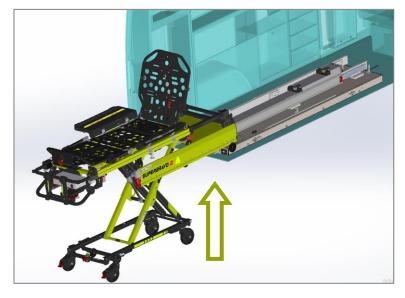
The stretcher is then raised to the set height at the latest. Check a loading maneuver and readjust if necessary.

On uneven terrain or changes in gradient, the stretcher can be raised to its maximum travel by pressing the red button on the right and the yellow button on the right and yellow button on the left at the same time.

To load the stretcher onto the SUPERBRAVO rail, the SUPERBRAVO rail must be in the outer position of the ambulance. Pull the red lever to release the block so that it can be removed. Direct the stretcher towards the profiles protruding from the ambulance and align the small wheels of the stretcher on the rail.



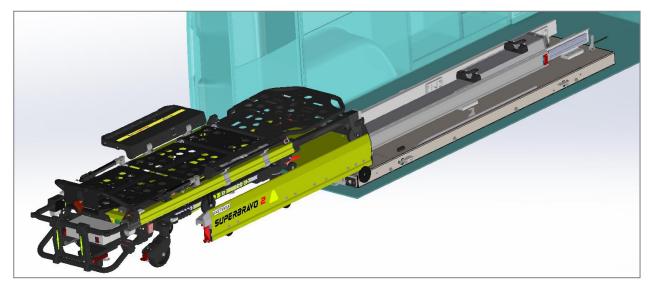




Once the stretcher is oriented on the side profiles, push the stretcher until it reaches the stop of the front wheels.

Press the Red Left Button on the control panel to fold the stretcher legs to the end of their travel. If the operation is correct, the front axle should remain inside the hooks, and the stretcher folding LED on the control panel will light up.





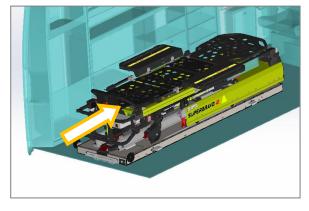


The front wheels must always be locked when loading the stretcher onto the rail. Failure to do so may damage important parts of the stretcher.

Pull the right rear red trigger on the rail to unlock the mechanism and push the stretcher towards the inside until it reaches the end of the stroke.

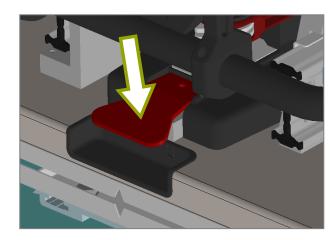


Once this process has been completed, the stretcher must be perfectly fixed on the rail.



You can also check that the unloading lever is in the resting position.



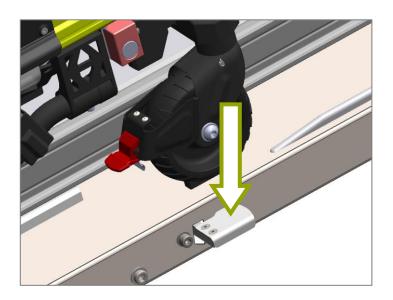




Do not disconnect the secondary battery from the ambulance when the ambulance is not in service to allow the stretcher battery to charge between services.

2.3. Lateral movement (side pedals)

To operate the lateral movement, simply press any of the side pedals along the rail profile:



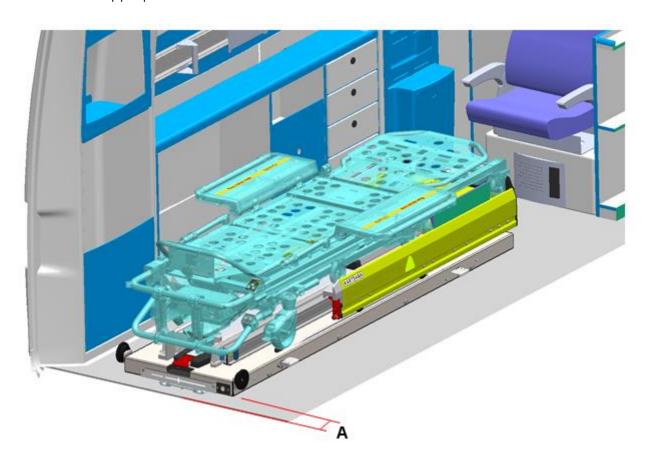
Once pressed, the internal system is released and the rail can be moved laterally in any direction. As soon as the pedal is released, the system will lock into any of its 11 fixed positions and return to its rest position



3. MOUNTING THE RAIL ON THE AMBULANCE

3.1. Vehicle's configuration

This installing instruction are recommended for the fixation of the assembly SUPERBRAVA-SUPERBRAVO (stretcher + rail) of Kartsana. The correct installation of the fastening system (rail) is providential for the appropriate use of the SUPERBRAVA TG-2022.



The fixed part of the rail must be fixed at a minimum distance of 50 mm (A) from the rear door of the ambulance (from the rectangular base of the stainless steel).

Depending on the ambulance model and the type of rear bumper, the fixing dimensions may vary and/or be adapted.

The maximum distance between the edge of the bumper and the end of the floor attachment must not exceed 37 cm. This ensures that the stretcher can be deployed without contact with the bumper.

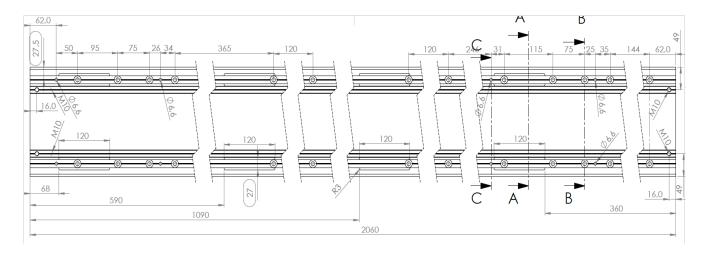


3.2. Fixation of the rail to the ambulance

The SUPERBRAVO 2 rail must be fixed to the ambulance using the aluminium profile 03-1334 and 26 screws DIN 7991 M8-10.1. Simply remove the 4 hexagonal screws at the ends and move the upper plate to release the profile.

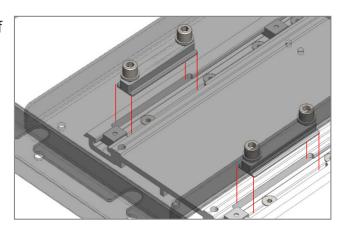
The location of the drill holes is as follows (see page 8 for clarification):

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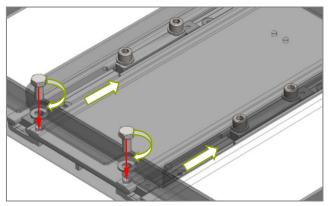


Once the plate is fixed, the rail must be installed following these points:

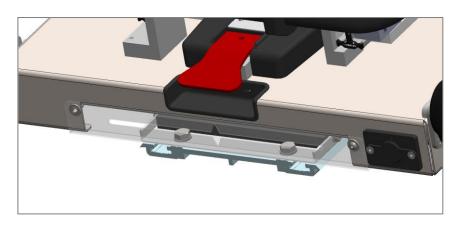
- Place the "T" fixings (12-0749) in slots of the aluminium profile.



- Push the rail until the mechanism stops and tighten the 4 hexagonal screws DIN 933 M10x20 at 60Nm, extracted previously.







3.2. Electrical connection

The electronics are designed to accept 12 V current.



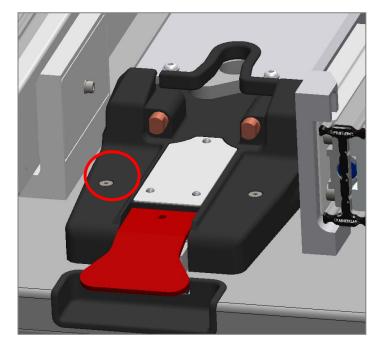
The SUPERBRAVO 2 rail must be connected to the vehicle's electrical system with an electrical cable of at least 4 mm² cross-section (pay special attention to the + or - poles). The purpose of this connection is for the SUPERBRAVA stretcher to charge the battery when it is inside the ambulance.

It is recommended that this cable be protected on the outside with a plastic sheath to avoid electrical problems (chafing, short circuits, etc).

Secure the electrical system through a 20A fuse. (the fuse is incorporated behind the back plastic plate in the centre of the rail)

It must be ensured that the positive pole is as indicated in the figure, otherwise the stretcher will

not be loaded into the vehicle.





4. PRODUCT CARE & DISPOSAL

4.1. Servicing requests

For any service requests or consultations regarding the use, maintenance, or installation of any KARTSANA product, please contact KARTSANA Customer Care Service.

o Telephone #: +34 93 715 86 72

o E-mail: info@kartsana.com

 Narcís Monturiol, 34
 08192 Sant Quirze del Vallès Barcelona (Spain)

4.2. Environmental conditions

For both use and storage:

Temperature: from -10 °C to +60 °C

Relative Humidity: 5 - 95%

4.3 Cleaning

When disinfecting the device, use non-corrosive products that will not damage the surface of the materials and wipe with a cloth or similar non-abrasive cleaning utensil. If the surface to be disinfected is greased, re-grease it after disinfection.

All disinfectants must be used in accordance with the manufacturer's instructions.





Do not wash the product with high pressure water, take special care with electrical components, the circuit board housing, keypads, LEDs and motor.



Remove the batteries before washing and then thoroughly dry the terminal contacts.

The manufacturer will not be held responsible for any anomaly or damage caused by using a cleaning product that could damage the stretcher's surface materials.

To ensure the hygiene and proper conservation of the product components, the manufacturer recommends that they be disinfected after each use.

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OPERATING AND HANDLING OF SUPERBRAVO RAIL

4.4. Maintenance

4.4.1. Precautionary Maintenance

A periodic and correct maintenance guarantees the durability of the device.

Creating a maintenance plan including periodic check-ups and establishing a responsible employee to carry it out is recommended.

The person who carries out the precautionary maintenance of the appliance (user, manufacturer/supplier or third party) must meet or adhere to the following basic requirements:

- ✓ Possession of technical knowledge pertaining to the device and of the periodic maintenance procedures as described in these instructions.
- ✓ Use or support of qualified technical personnel trained specifically in the maintenance operations required for the device in question.
- ✓ Use of components, replacement parts, or accessories that are either original to or approved by the supplier to avoid the need to carry out alterations or modifications to the device that would void warranty.
- ✓ Record keeping of all maintenance operations carried out on the device, in adherence to the instructions of European Council directive 93/42/CEE which states the obligation of the purchaser to provide when requested the afore mentioned after-sales care record for the purpose of product traceability.

Check the device before every use.

Before each service, the following points must be ensured:

- ✓ Functionality of the product.
- Fixation of nuts and bolts.
- ✓ Good condition of moving parts, wheels, belts, mattress.
- Spring sensibility.
- ✓ Full working order of all electrical functions must be checked: full range of movement, lighting, etc.

If the device does not appear suitable for correct and safe use, it must be taken out of service until the device is repaired or restored to full working order.

Do not modify the device structurally for any reason, as this may cause serious damage to patients and / or operators.

Recommended lubrication interval for moving parts:

- 1 30 services per month: every 3 months
- 30 50 services per month: every 2 months
- over 150 services per month: every month



All maintenance other than lubrication, tightening of nuts and bolts and ordinary cleaning must be performed by KARTSANA or an authorized service center.

4.4.2. Servicing Maintenance

The person to whom the servicing of the product is entrusted must guarantee the following basic requirements:

- ✓ Adequate knowledge of the product, of its technical / construction features, of checkpoints and final tests, packaging, conservation, and handling.
- ✓ Adequate knowledge of the technology used in production of the product.
- ✓ Knowledge of all correct product functions and of any potential risks or possible malfunctions or breakdowns of the product
- Possession of all instruments necessary for carrying out any technical servicing or minor repairs.
- Possession (or ability to procure) replacement parts from the original manufacturer or authorised by the manufacturer.
- ✓ Use or support of specialized technical personnel trained by the manufacturer for the servicing of the product in question.

4.5. Transport and storage

Before transporting the device, make sure it has been packed adequately and secured to avoid damage during transport.

Keep the original packaging for other eventual transports. Any damage caused to the device during transport is not covered by warranty. Repairs and substitutions of damaged parts are at the customer's charge.

The device must be stored in a dry place.

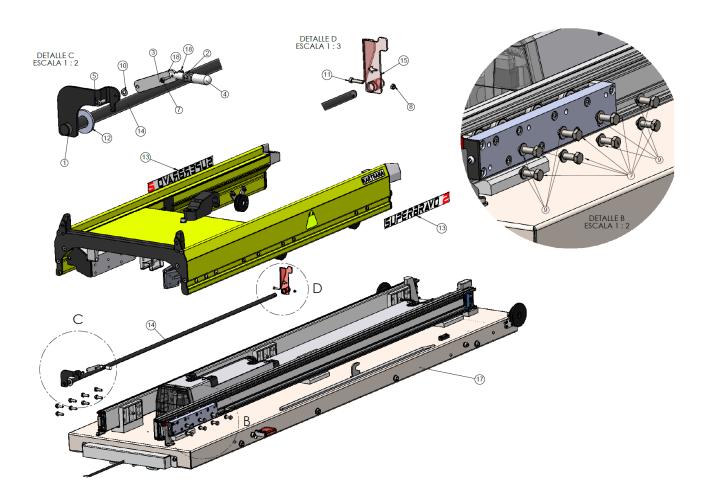
During storage, do not put any heavy object on top of the product. It should not be used as support for any type of object.

4.6. Disposal

When the product is no longer in working condition, if it has not been contaminated by any corrosive or contagious agent, it can be disposed of as any metal-based waste, following the local current regulations regarding metal-based waste disposal.

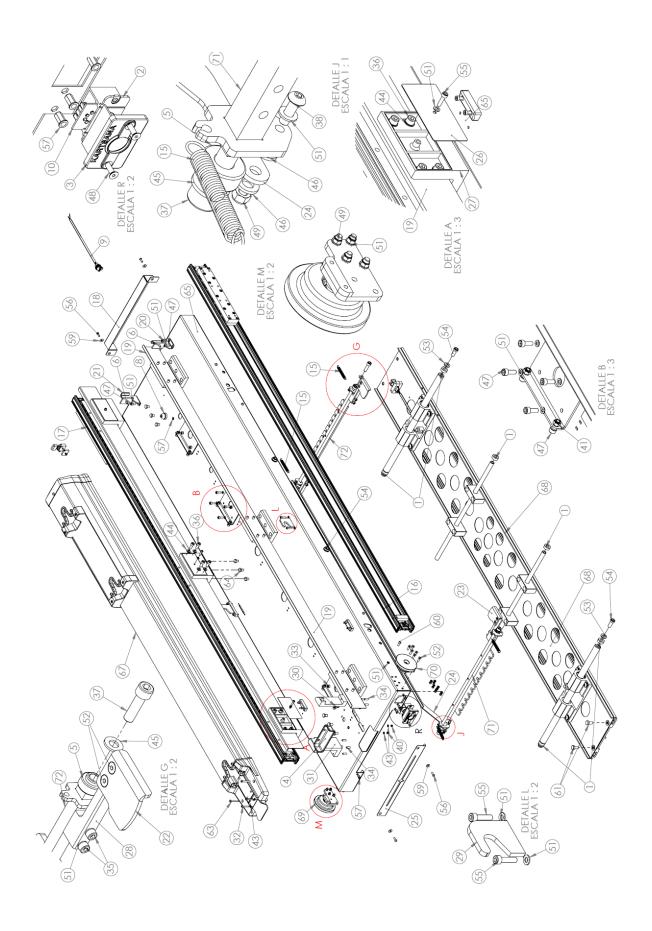


6. SUPERBRAVO RAIL EXPLODED



| N.º DE ELEMENTO | N° DE PIEZA | Descripción | CANTIDAD |
|--------------------|-------------|---|----------|
| 1 | 06-0025-001 | TAPON REPRIM R26 ø14 | 1 |
| 2 | 09-0251-001 | MUELLE TETON Ø12mm GUIA CENTRAL | 1 |
| 3 | 11-1836-001 | TIRADOR DESBLOQUEO TRASERO SUPERBRAVO | 1 |
| 4 | 12-0939-001 | TETON Ø12 GUIA CENTRAL ACERO F125 | 1 |
| 5 | 13-0394-001 | ALLEN DIN 912 M4X12 - 8.8 INOX | 1 |
| 6 | 13-0040-001 | ALLEN DIN 912 M8X25 - 8.8 CINCADO | 2 |
| 7 | 13-0342-001 | ALLEN DIN 912 M3x14 - 8.8 CINCADO | 1 |
| 8 | 13-0356-001 | TUERCA INOX. AUTOBLOCANTE M5 | 1 |
| 9 | 13-0365-001 | ARANDELA d8 INOX | 16 |
| 10 | 13-0386-001 | ARANDELA DIN 125-A ø4 INOX. | 1 |
| 11 | 13-0015-001 | ALLEN DIN 912 M5X25 - 8.8 CINCADO | 1 |
| 12 | 13-0560-001 | ARANDELA NYLON Ø14 DIN 125 | 1 |
| 13 | 14-0025-001 | ETIQUETA SUPERBRAVO 2 | 2 |
| 14 | 50-0880-001 | TUBO MANETA SOLDADA BRAVO | 1 |
| 15 | 50-0884-001 | MANETA SOLDADA DESBLOQUEO BRAVO | 1 |
| 16 | 52-1080-002 | PREMONTAJE PISO SUPERIOR BRAVO TELESCOPICO | 1 |
| 17 | 52-1081-001 | PREMONTAJE PISO INFERIOR SUPERBRAVO 2 TELESCOPICO | 1 |
| 18 | 13-0174-001 | TUERCA AUTOBLOCANTE M4 | 2 |
| 19 | 13-0670-001 | TORNI. HEXAG. DIN 933 M8X25 6.8 CINCADO | 16 |



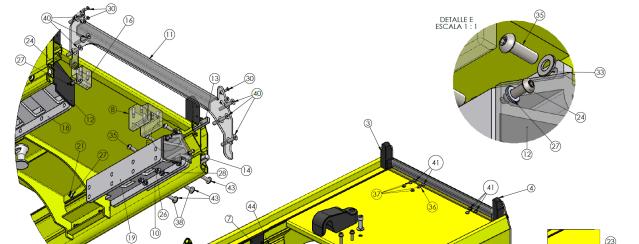




| : | N° DE PIEZA | Descripción | CANIIDAD |
|-----|-------------|--|----------|
| 39 | 13-0174-001 | TUERCA AUTOBLOCANTE M3 | _ |
| 40 | 13-0175-001 | TUERCA AUTOBLOCANTE M4 | 9 |
| 41 | 13-0177-001 | TUERCA AUTOBLOCANTE M6 | 28 |
| 42 | 13-0178-001 | TUERCA AUTOBLOCANTE M8 | 18 |
| 43 | 13-0205-001 | ARANDELA d4 CINCADA | 8 |
| 44 | 13-0208-001 | ARANDELA d8 CINCADA | 42 |
| 45 | 13-0210-001 | ARANDELA d 10 CINCADA | 8 |
| 46 | 13-0220-001 | ARANDELA NYLON d.6 | 4 |
| 47 | 13-0351-001 | ALLEN DIN 912 INOX. M6X16 - 8.8 | 24 |
| 48 | 13-0353-001 | AVELL. ALLEN DIN INOX.7991 - M5 x 16 | 2 |
| 49 | 13-0356-001 | TUERCA INOX. AUTOBLOCANTE M5 | 20 |
| 90 | 13-0357-001 | TUERCA INOX. AUTOBLOCANTE M6 | 8 |
| 51 | 13-0360-001 | ARANDELA INOX. d5 | 115 |
| 52 | 13-0368-001 | AVELLANADO ALLEN DIN 7991 - M6 x 20 inox | 18 |
| 53 | 13-0369-001 | ARANDELA d12 INOX | 8 |
| 54 | 13-0370-001 | ALLEN DIN 7984 M12X30 CABEZA BAJA INOX. | 8 |
| 55 | 13-0371-001 | ALLEN DIN 912 M5X20 - 8.8 INOX. | 12 |
| 99 | 13-0379-001 | DIN 7380 ULS M5X16 -10.9 INOX | 4 |
| 22 | 13-0382-001 | VALONA HEXAGONAL M5 | 10 |
| 58 | 13-0394-001 | ALLEN DIN 912 M4X12 - 8.8 INOX | 4 |
| 69 | 13-0395-001 | ARANDELA ANCHA DIN 9021 Ø5 INOX | 4 |
| 09 | 13-0400-001 | DIN 7380 ULS M6x16 -10.9 INOX. | 1.1 |
| 61 | 13-0517-001 | TORNI. HEXAG. DIN 933 M10X20 6.8 CINCADO | 4 |
| 62 | 13-0528-001 | AVELLANADO ALLEN DIN 7991 - M3 x 12 CINCADO | 1 |
| 63 | 13-0660-001 | AVELLANADO ALLEN DIN 7991 - M5 x 50 CINCADO | 2 |
| 64 | 13-0670-001 | TORNI. HEXAG. DIN 933 M8X25 6.8 CINCADO | 18 |
| 65 | 50-1071-002 | CHAPA BASE SOLDADA INOX. SUPERBRAVO 2 TELESCOPICO | _ |
| 99 | 52-1066-001 | PREMONTAJE GUIA SUELO SUPERBRAVO | _ |
| 29 | 52-1082-001 | CIERRE DE TRIPLE TETÓN SUPERBRAVA | _ |
| 89 | 52-1083-001 | PREMONTAJE BASE CON PATINES SUPERBRAVO 2 | _ |
| 69 | 52-1084-001 | Premontaje rueda apoyo derecha Bravo Telescopico | _ |
| 70 | 52-1085-001 | Premontaje rueda apoyo derecha Bravo Telescopico | _ |
| 7.1 | 52-1086-001 | BISAGRA DESPLAZAMIENTO LATERAL 1 SUPEBRAVO | _ |
| 72 | 52-1087-001 | BISAGRA DESPLAZAMIENTO LATERAL 2 SUPERBRAVO | _ |

| | | Describcion | CAUINIA |
|----|-------------|--|---------|
| _ | 05-0520-00A | SEPARADOR EJE DESPLAZAMIENTO R-1002A | 8 |
| 2 | 05-1034-002 | ALOJAMIENTO LED SUPERBRAVO | _ |
| 3 | 05-1035-002 | TAPA LED SUPERBRAVO | _ |
| 4 | 05-1048-001 | ALOJAMIENTO MANETA ACCIONAMIENTO TRIPLE TETÓN | _ |
| 5 | 05-1049-001 | TOPE LATERAL CREMALLERA SUPERBRAVO | 4 |
| 9 | 05-1050-001 | ANTI-IMÁN GUÍAS SUPERBRAVO | 2 |
| 7 | 05-1051-001 | TOPE RUEDA GIRATORIA SUPERBRAVA | 2 |
| 8 | 06-0051-001 | PASACABLES IP67 SR 1703 M20 (Ref. 496379) | _ |
| 6 | 07-0101-001 | CONECTOR MACHO CON CABLE R1100 R1002A R1002C | _ |
| 10 | 07-0122-001 | LED SUPERBRAVO | _ |
| _ | 07-0133-001 | SOPORTE PORTAFUSIBLES | _ |
| 12 | 07-0134-001 | TAPA PORTAFUSIBLE | _ |
| 3 | 07-0135-001 | PORTAFUSIBLES | _ |
| 14 | 07-0136-001 | FUSIBLE 25A | _ |
| 15 | 09-0060-001 | MUELLE GANCHO CENTRAL R-450 | 4 |
| 16 | 09-0402-001 | GUIA TELESCOPICA E1906-L2021+PLATINE A GALETS | _ |
| 7 | 09-0403-001 | GUIA TELESCOPICA E1906-L2021+PLATINE A GALETS | _ |
| 18 | 11-1471-00A | TAPA POSTERIOR PARA ENCHUFE R-1002A | _ |
| 19 | 11-1862-001 | CHAPA PROTECCION GUIA EXTENSIBLE | 2 |
| 20 | 11-1863-001 | TOPE GUÍA IMÁN DERECHO | _ |
| 21 | 11-1864-001 | TOPE GUÍA IMÁN IZQUIERDA | 1 |
| 22 | 11-1865-001 | PEDAL DER DESPLAZAMIENTO LATERAL SUPERBRAVO | 1 |
| 23 | 11-1866-001 | PEDAL IZQ DESPLAZAMIENTO LATERAL SUPERBRAVO | 2 |
| 24 | 11-1867-001 | TIRADOR PEDALES SUPERBRAVO | _ |
| 25 | 11-1877-001 | TAPA APERTURA DELANTERA SUPERBRAVO | _ |
| 26 | 11-1878-001 | CARENADO PROTECCIÓN FUNCICIÓN GUIA TELESC. | 9 |
| 27 | 12-1866-001 | SOPORTE GUIA TELESC. A ESTRUCTURA | 9 |
| 28 | 12-1867-001 | ACCIONADOR DESPLAZAMIENTO LATERAL SUPERBRAVO | 3 |
| 29 | 12-1868-002 | ANCLAJE GUIA SUPER BRAVA IZQ. | 2 |
| 30 | 12-1871-002 | MACIZO ANCLAJE TETON DELANETRO BRAVO | _ |
| 31 | 12-1872-001 | anclaje macizo 2 tetón superbravo | _ |
| 32 | 13-0010-001 | ALLEN DIN 912 M4X30 - 8.8 CINCADO | 2 |
| 33 | 13-0024-001 | ALLEN DIN 912 M6X20 - 8.8 ZINC | 4 |
| 34 | 13-0025-001 | ALLEN DIN 912 M6X20 - 8.8 SIN CINCAR | 7 |
| 35 | 13-0029-001 | ALLEN DIN 912 M6X40 - 8.8 CINCADO | 9 |
| 36 | 13-0039-001 | ALLEN DIN 912 M8X20 - 8.8 CINCADO | 24 |
| 37 | 13-0051-001 | ALLEN DIN 912 M10X35 - 8.8 CINCADO | 4 |
| 38 | 13-0097-001 | III S ISO-7381 M5v14 CINCADO | _ |



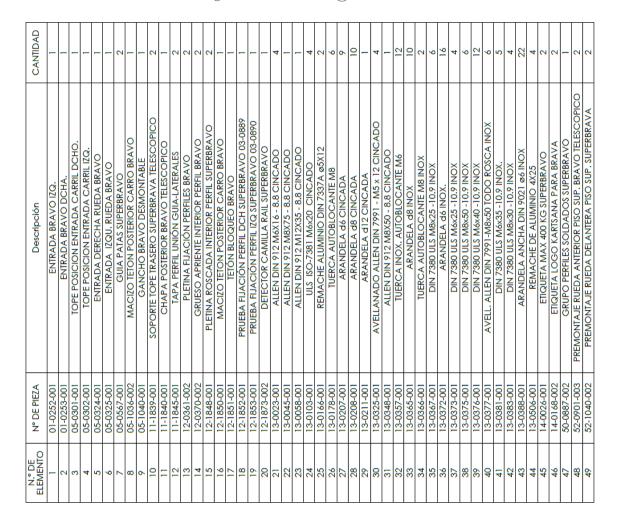


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