ES EN DE

CE

DEKRA CERTIFICATION BGV C1

VMB

# HDT-8

TORRE ELEVADORA

TOWERLIFT

TRAVERSENLIFT



**MANUAL DE INSTRUCCIONES**

**OPERATING INSTRUCTIONS USER MANUAL**

**BEDIENUNGSANLEITUNG**

PROLIFTS S.L.

*V.08.19*

**LIFTING TOWER** **HDT-8**
**TORRE ELEVADORA** **HDT-8**
**TRAVERSENLIFT** **HDT-8**

CE

## CONTENTS / ÍNDICE


Features of the HDT-8 Towerlift / Características HDT-8..... 3 - 4
English Quick operation guide.....5 - 11
Manual de usuario Español..... 12 - 19
Bedienungsanleitung Deutsch.....20 - 26
Sketches / Planos piezas..... 27 - 37
Spare part list / Lista de repuestos..... 38 - 40
Certifications / Certificaciones.....41


**BGV-C1**

**BGG-912**

**EC Conformity Declaration pursuant to the EC Machinery Directives 89/392/CE and 98/37/CE: Manual lifters**

Find a copy of the certifications at the end of this booklet.
Puede ver una copia de las certificaciones al final del manual.

**MADE IN SPAIN (EU)**

## Manufacturer - Fabricante

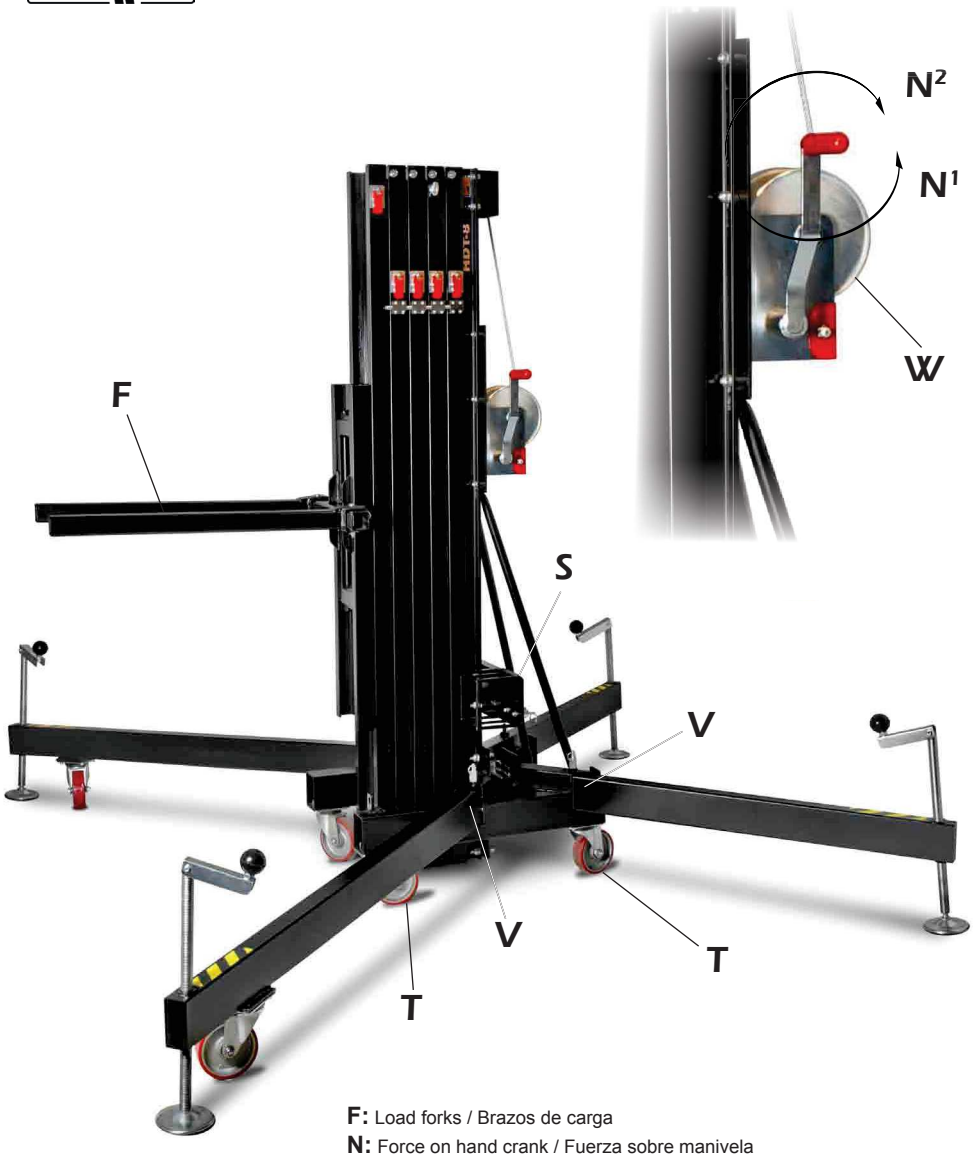

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RECYCLABLE

# HDT-8

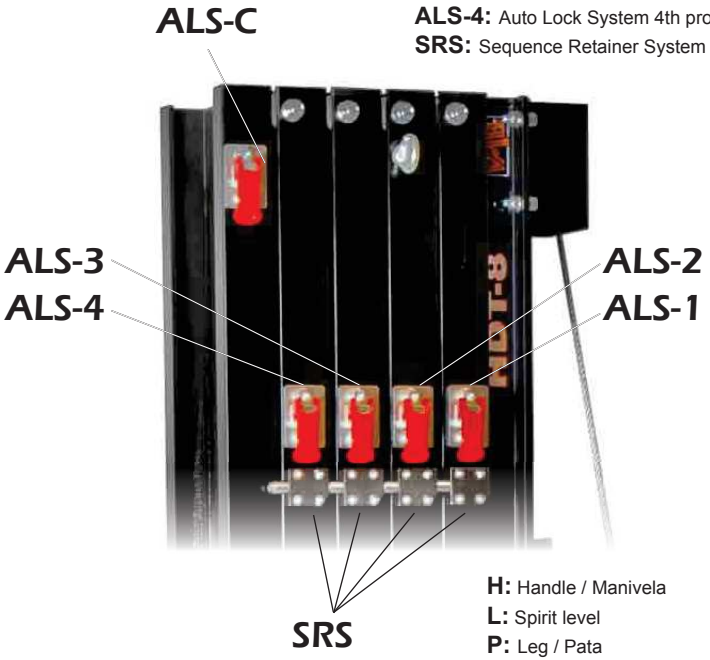



**F:** Load forks / Brazos de carga
**N:** Force on hand crank / Fuerza sobre manivela
**S:** Transport compartment for legs / Alojamiento de transporte para patas
**T:** Transport wheels / Ruedas de transporte
**V:** Working compartment for legs / Alojamiento de trabajo para patas
**W:** Winch / Cabrestante

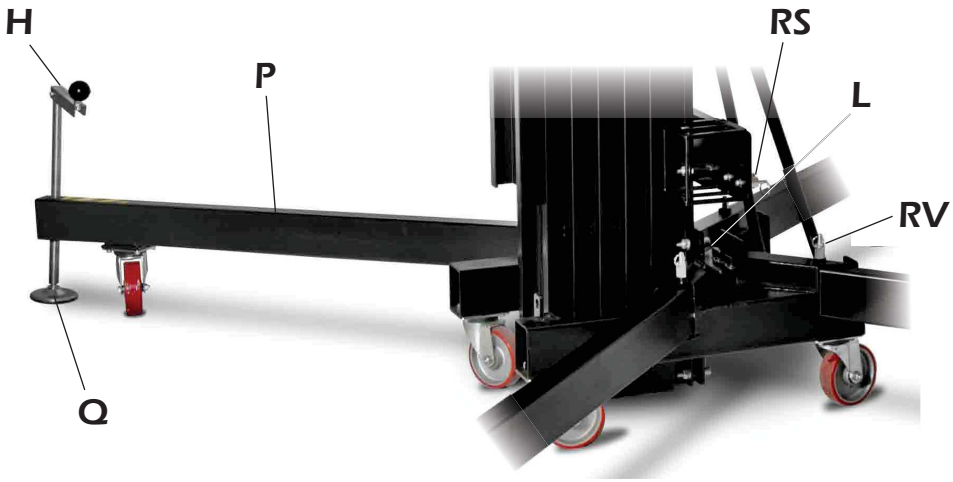

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# HDT-8

**ALS-C:** Auto Lock System carriage / Gatillo automático carro
**ALS-1:** Auto Lock System 1st profile / Gatillo automático tramo 1
**ALS-2:** Auto Lock System 2nd profile / Gatillo automático tramo 2
**ALS-3:** Auto Lock System 3rd profile / Gatillo automático tramo 3
**ALS-4:** Auto Lock System 4th profile / Gatillo automático tramo 4
**SRS:** Sequence Retainer System




**H:** Handle / Manivela
**L:** Spirit level
**P:** Leg / Pata
**Q:** Stabilizer / Estabilizador
**RS:** Catch for transport / Gatillo transport
**RV:** Catch of working position / Gatillo posición de trabajo





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## CONTENTS

1. Introduction.
2. Technical information.
3. Safety precautions.
4. Operation.
5. Maintenance.
6. Guarantee.

## 1. INTRODUCTION

Dear customer, in order to ensure a safe and reliable operation of the HDT-8 towerlift please follow the instructions in this booklet carefully. Before operating the lift, read the instructions completely and please note the technical information contained within this manual.

All VMB products undergo very rigorous testing, under strict conditions and they are monitored continuously during the manufacturing process.

In order to guarantee the lifts function and safety, only original parts from the manufacturer must be used. If any parts other than those of the manufacturer are used, or the product is modified in any way, the user forfeits all warranty rights to claim. VMB reserves the right to modify the product specifications without prior notice.

The model type, production year and serial number must be quoted in any queries or orders for spare parts.

## 2. TECHNICAL INFORMATION

**2.1 - HDT-8** Towerlift.

**2.2 -** Designed to lift loads, such as trussing and lighting systems, vertically, up to different heights.

**2.3 -** Maximum load : 350 kg (772 lb).

**2.4 -** Minimum load: 25 Kg (55 lb).

**2.5 -** Security :
**ALS** (Automatic Lock System).

**2.6 -** Maximum height : 8.2 m (26.9').

**2.7 -** Folded height : 1.98 m (6.5').

**2.8** - Transport surface:
0.72 x 0,56 x 1,98m (2.36 x 1.84 x 6.5')

**2.9** - Shipping dimension:
0,74 x 0,58 x 2.00m (2.43 x 1.90 x 6.56')

**2.10 -** Work surface :
2.11 x 2.57 m (7' x 8.4').

**2.11 -** Unit weight : 232 Kg (512 lb).

**2.12. -** Load support:
Long reinforced forks (74.5 cm).

**2.13 -** Construction material : 6082-T6 alluminium for the main body, comprised of 5 profiles and a lifting carriage. Base and legs are made of steel profile according to DIN 2394. Catches and pulleys of ST-37 steel.

**2.14 -** Winch: 1700 Kg. maximum load with automatic brake. Certification CE and GS TÜV.


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**2.15 -** Cable : Steel DIN 3060. Quality 180 Kg/mm$^2$ twist resistant.
Cable diameter: 6 mm.

**2.16 -** Adjustable stabilizing feet with rubber non-slip supports.

**2.17 -** Safety catches to anchor the legs.

**2.18 -** Antirust protection, primed paint with cured polyester dust cover. The tower can be supplied with natural aluminium finish or black (version B).

**2.19 -** Spirit level to adjust the tower vertically.

**2.20 -** Swivel wheels to transport the lift when folded.

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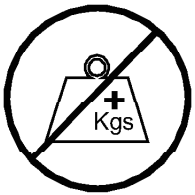
## 3. SAFETY PRECAUTIONS.



**3.1 -** The HDT-8 is a machine designed to elevate loads upwards in a vertical direction, It should NEVER be used as a platform to elevate people.



**3.2 -** Only place the lift on hard, flat surfaces always checking that it is in a vertical position by using the bubble level indicator (**L**) found on the base. Adjust the leg stabilizers (**Q**) by turning the handles (**H**) to level if necessary. NEVER use wedges or other foreign objects to balance the lift.




**3.3 -** The maximum load indicated on the characteristics label and the instructions manual should not be exceeded.



**3.4 -** This lift should NEVER be used to elevate a load that has not been properly checked. It is necessary to verify that the load is correctly supported and centred on the appropriate lift support so that the weight of the load will only elevate in a vertical direction.


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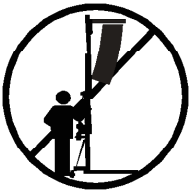
**3.5 -** Check that the legs (**P**) are placed and set-up correctly with their safety pins (**R**) inserted and locked.



**3.6 -** NEVER use the lift on a vehicle or any other mobile surface.



**3.7 -** If there is a possibility of strong winds or gusts, place the lift on the ground firmly and secure it with the use of straps. NEVER attach a strap to a vehicle or any other object that can possibly be moved.



**3.8 -** NEVER move the lift whilst it is carrying a load. It is not advisable to carry out any type of horizontal movement even small positional adjustments.



**3.9 -** NEVER allow any team member below the load or anybody else in the lifts operating zone.

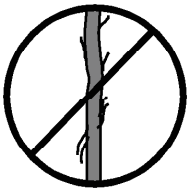


**3.10 -** Take care with all obstacles above the lift and its extension zone such as cornices, balconies, and luminous signboards. It is very important to avoid the presence of all types of cables below the extended lift.


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**3.11 -** Do not use stepladders on the lift or use it as a support for them.



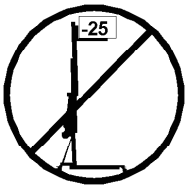
**3.12 -** Before using the lift, check the condition of the cable. The cable should not have broken threads or show any signs of crushed/flattened areas. NEVER use faulty cables, always change them if there is any doubt. Only use VMB steel cables; reference: DIN 3060. Quality: 180KG/mm and torsion resistant.



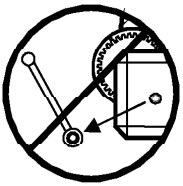
**3.13 -** All sections must be lowered first, and the legs placed in its transport position, before transportation.



**3.14 -** Do not grease or lubricate the winch's braking mechanism. The brake disks have been greased with a special heat and pressure resistant solution. Other products should not be used to avoid negative effects regarding the braking mechanism.




**3.15 -** The minimum load to avoid problems regarding the braking mechanism is 25Kg. Without this load the brake will not work.



**3.16 -** NEVER take apart the crank of the winch when the lift is carrying a load or extended.


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ORIGINAL

**3.17 -** Only original replacement parts should be used.

## 4. USER INSTRUCTIONS.

**4.1 -** Place the lift on a firm, flat surface in the area it is to be used with the help of the transport wheels (***T***).

**4.2 -** Unlock the security catches (***RS***) of the transport compartment (**S**) and remove the legs (***P***) and fully insert them into their working positions (***V***) checking that they are fixed by the catches (***RV***).

**4.3 -** Check that the lift is in vertical position using the spirit level (***L***) at the base of the tower, adjust the stabilizer (***Q***), turning the handle (***H***) if necesary.

**4.4 -** Release the forks (***F***) and place them in its working position ready to take the load on them. Insert the pins to block the forks.

**4.5 - <u>DO NOT</u> OVERLOAD THE LIFT. MAXIMUM LOAD IS 350 kg (772 lb)**

The lift should NEVER be overloaded. Safety at work is the most important issue. Place the load onto the lift using an adequate VMB support according to the need, use so that the weight of the load will only be elevated in a vertical direction. The minimum load is 25 Kg.

**4.6 - How to place the load:**

Always load as close to the tower as possible. The maximum load diminishes according to the distance from the body of the tower as illustrated in the diagram ***4.6.1***, which shows the load on the gravity centre with distances to the lifting carriage at a maximum lifting. Use a VMB adaptor if necessary.

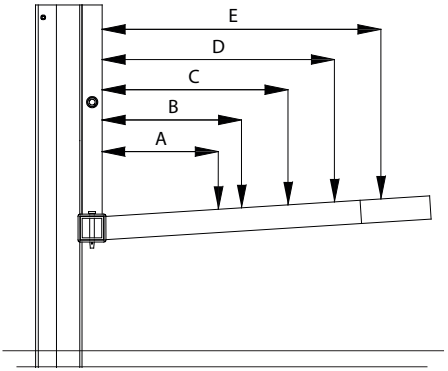
**CAUTION**

When two towers are used to elevate a truss bridge, or many towers to elevate a structure of any type, it is almost impossible that two or more people co-ordinate the winches elevating or lowering the loads, at exactly the same pace. At a certain point each tower will be extended to different height. For this reason it is necessary that the structure does not stretch and allows for these differences.

With a rigid fixation and if the level difference is significant, the force generated from the handle of the winch will deform the structure and apply a lateral force to the lifts causing them to break and block.


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**Diagram *4.6.1***




| | Distance from the load's center to the axel of the tower | Maximum load HDT-8 |
|---|---|---|
| A | 30 cm (0.98') | 350 kg (772 lb) |
| B | 40 cm (1.31') | 290 kg (640 lb) |
| C | 50 cm (1.64') | 230 kg (507 lb) |
| D | 60 cm (1.97') | 180 kg (397 lb) |
| E | 70 cm (2.30') | 130 kg (286 lb) |

**Security system ALS / ILS**

The HDT-8 incorporates the patented security system ALS (Automatic Lock Security). This VMB red trigger system automatically blocks the tower in the position it is left in. Each section of lift has an ALS that blocks the section in the unlikely event of the cable breaking. For a more complete security the lifting carriage incorporates the ILS system (Inertial Lock Security)

**4.7 - Elevation:**

Turn the winch crank clockwise (***N*$^1$**) to lift the carriage and profiles. The ALS systems enable the lift to rise and automatically block the carriage and profiles whilst rising ensuring that it will never fall. This enables the cable to be without any force and means it is only used for the elevation and descent of the lift. The SRS (Sequence-Retainer-System) will also ensure that the profiles rise in sequence, one after the other.

**4.8 - Hold:**

The tower can be left in any intermediate position if it is necessary. Just stop turning the handle of the winch and gently turn it in an anticlockwise direction (***N*$^2$**) to block the last profile risen. The ALS lock will take the pressure of the load and release strain applied on the cable.

**4.9 - Lowering:**

To bring the lift down you need to first turn the winch handle slightly clockwise (***N*$^1$**) and at the same time pull the red ALS lock (***ALS-1***) out. This releases the blocking systems. Then turn the handle anticlockwise (***N*$^2$**), whilst maintaining the ALS lock pulled out until the profile has been completely lowered. All red ALS locks (***ALS-2, ALS-3, ALS-4 & ALS-C***) should be pulled out one by one whilst the handle is turned anti-clockwise (***N*$^2$**) and the profiles are brought down, one by one.


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If you release your finger from the ALS lock it will automatically block. In this case, repeat the first operation by turning slightly clockwise (***N*[1]**) and then anti-clockwise (***N*[2]**) whilst always pulling the red ALS lock out. It is necessary to completely lower each profile before starting to lower the next. **DO NOT** pull another red ALS lock without having completely lowered the previous profile.

**4.10 - Transport:**

For the transport of the tower is necessary to fold the machine lowering every profile completely. Once the towerlift is completely folded, place the legs in their transport compartment (**S**) and lock them with the transport catches (**RS**), then the lift will be ready to be transported.

## 5. MAINTENANCE.

**5.1 -** Regularly check the state of the cable. If the cable has broken threads, or if it shows any signs of crushed/flattened areas, it should be changed and replaced immediately with a new one. Do not use the lift if the cables are in bad condition. Only use VMB steel cables reference: DIN 3060 torsion resistant.

**5.2 -** The lift is supplied from the factory completely greased. However, it is recommended to periodically grease according to use, the gearing, the axis bearings, the spiral of the crank, and the sections.

**5.3 -** All lifts should undergo an annual technical inspection carried out by an authorized VMB dealer to check the certifications and general condition of all the lift's elements and security systems involved in the lift's use.

**5.4 -** Only use original spare parts to guarantee a continued security level. The user loses all rights to warranty if any spare parts other than originals are used or carries out any modification or alteration to the towerlift.

**5.5 -** To request a spare part please indicate the corresponding code which can be found in this manual together with the lift's serial number and year of manufacture.

## 6. GUARANTEE.

The warranty period for this lift is 2 years from the date of purchase.

PRO LIFTS S.L. promises, that from the date of purchase and during the warranty period to resolve any faults that may occur, produced through defect material or fabrication. Damage caused by improper use, product modification, third party manipulation or accidental fire are not covered by this warranty.


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# **HDT-8** SPARE PARTS SKETCHES / CROQUIS DE LAS PIEZAS DE REPUESTO DE **HDT-8**


**A** **Profiles / *Barras*.....29**

HDT-8 Profiles / *Barras HDT-8*
A.1 ALS System / *Sistema ALS*
A.2 SRS System / *Sistema retentor SRS*
A.3 Cable protector / Protector de cable
A.4 Base profile upper area / *Zona superior perfil Base*
A.5 Profiles upper area / *Zona superior barras*
A.6 4010N profile upper area / *Zona superior 4010N barra*
A.7 Profiles lower area / *Zona inferior barras*
A.8 Stop piece / Taco tope de barras
A.9 Anchor points for slings / Anclaje vientos
A.10 Cable fixation / *Prisionero cable*

**B** **Base / *Base*.....33**

B.1 Wheels / *ruedas*
B.2 Short screws for the base / Tornilos cortos de la Base
B.3 Long screws for the base / Tornilos largos de la Base
B.4 Reinforcing struts / Tirantes de refuerzo
B.5 Leg locks / Gatillos patas
B.6 Pin and “R” clip / Pasadores y clips “R”

**C** **Winch / *Cabrestante*.....34**

Forks / *Brazos de carga*
Fork support / *Soporte brazos de carga*

**D** **Lifting carriage / *Carro elevador*.....35**

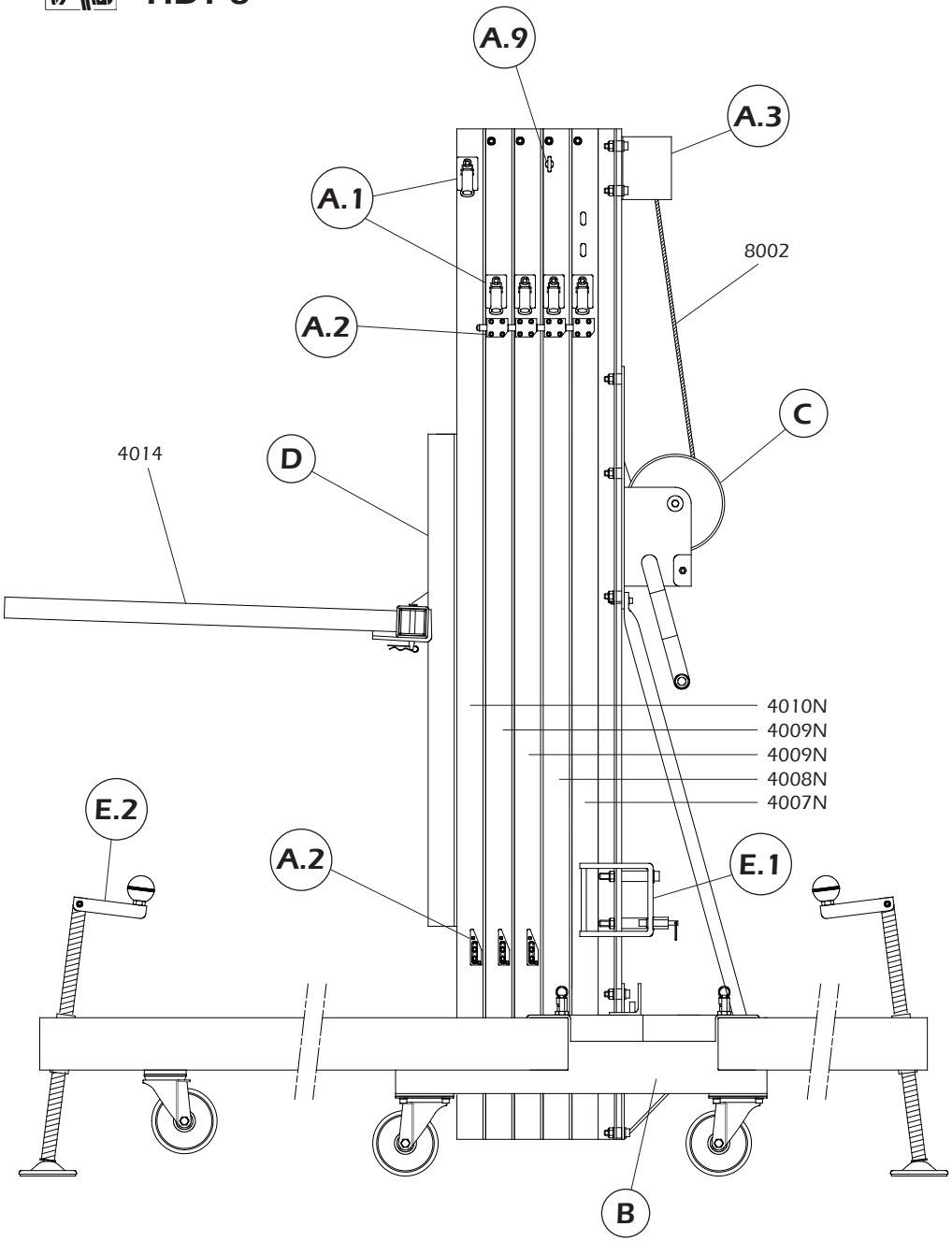
D.1 Lifting carriage lower area / Zona inferior carro elevador
D.2 Nylon roller / *Rodillos*
D.3 Inertial break / *Freno de inercia*
D.4 Fixation screw for fork support / *Tornillo fijador soporte brazos de carga*

**E** **Legs / *Patas*.....36**

E.1 Leg transport support / *Porta-patas para transporte*
E.2 Complete stabilizer kit and stabilizer exploded / *Estabilizador completo y despiece estabilizador*
E.3 Complete legs and legs profile / *Patas completas, y perfiles patas*

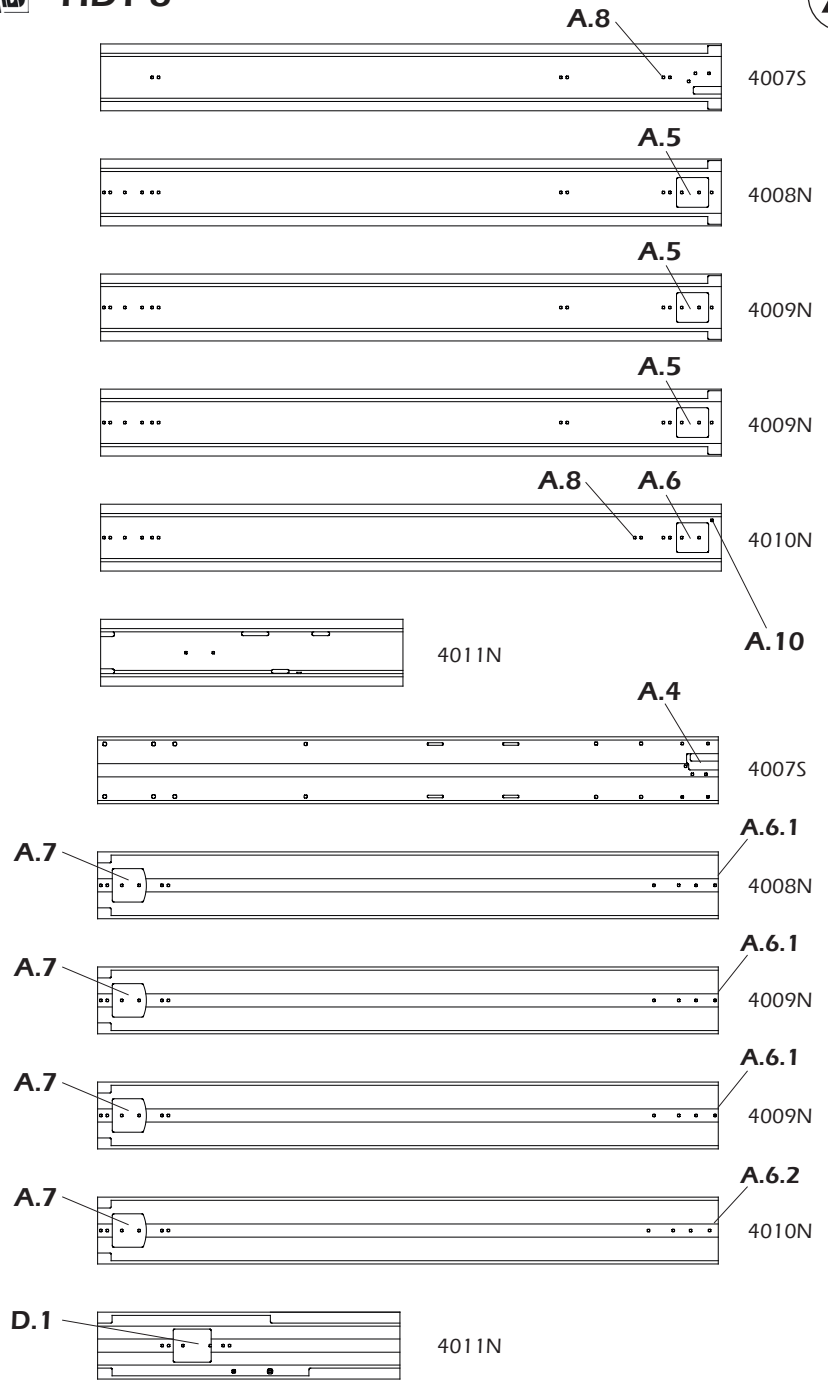


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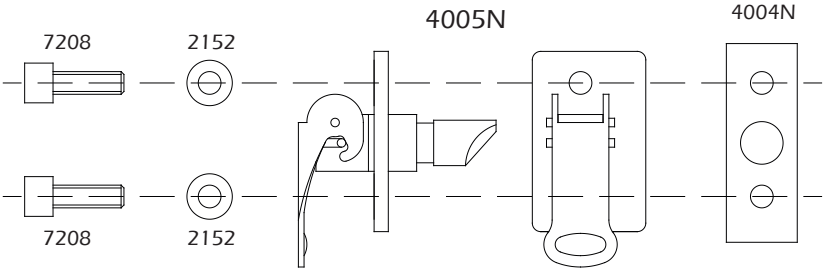
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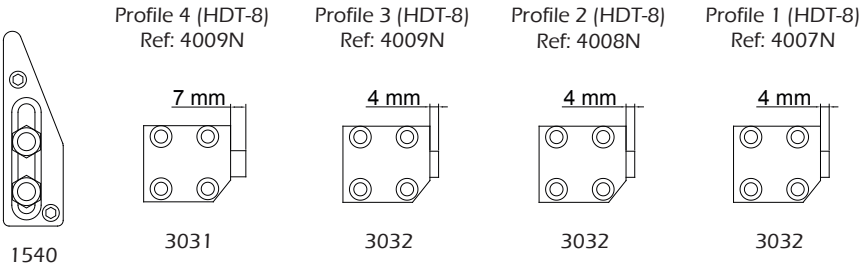


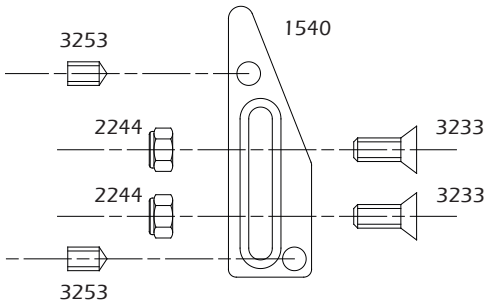
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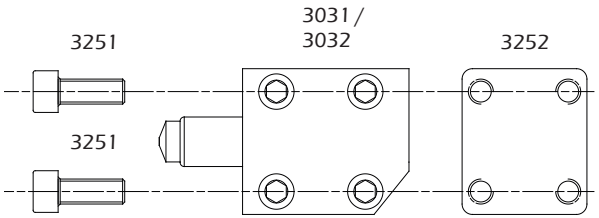
## A.1




## A.2



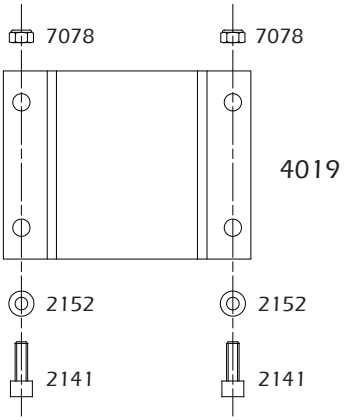



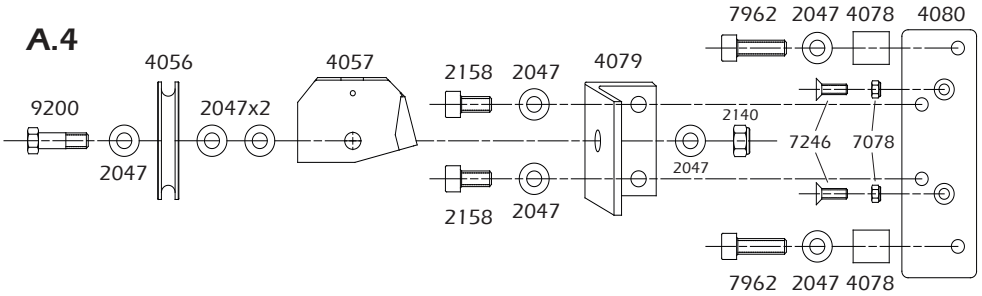


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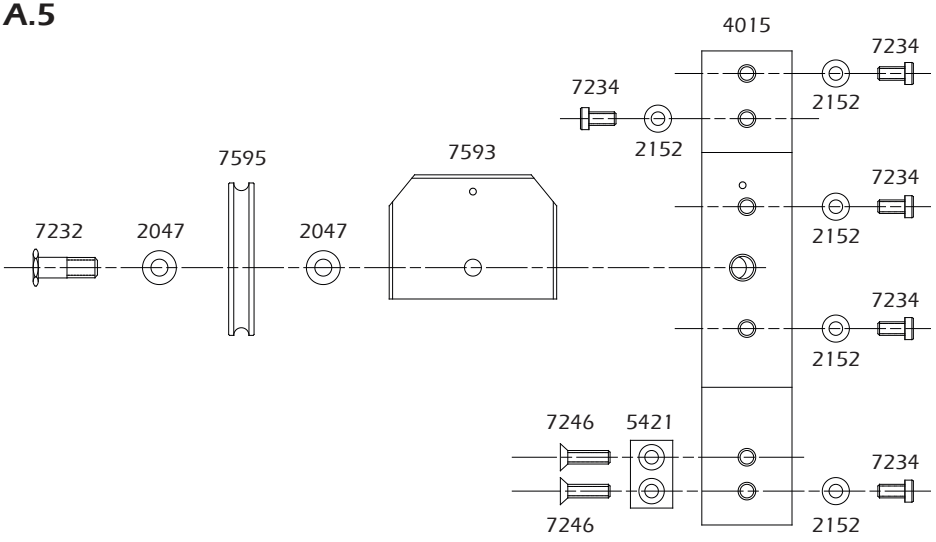
## A.3




## A.4



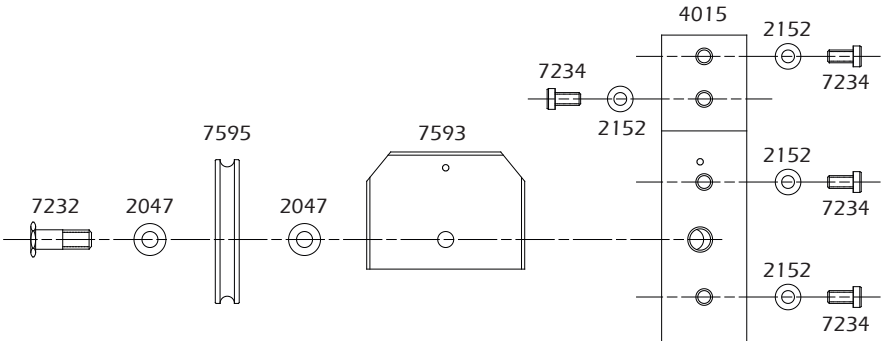

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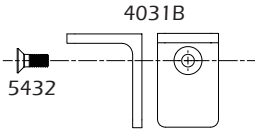


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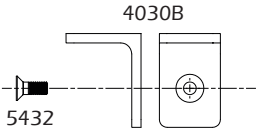
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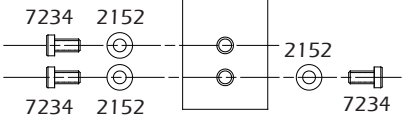



## A.6.1

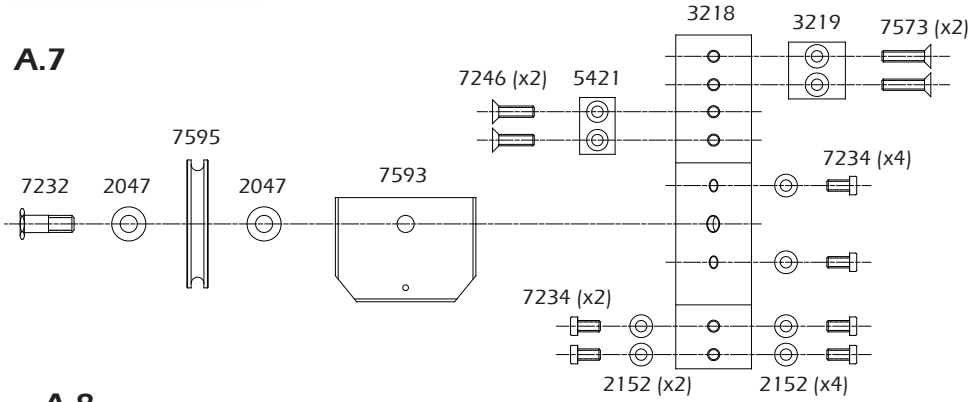



## A.6.2

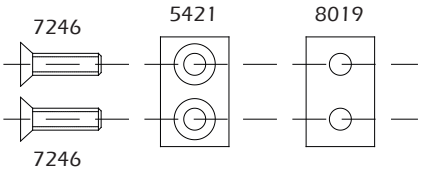


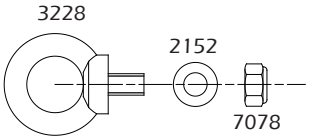

## A.7



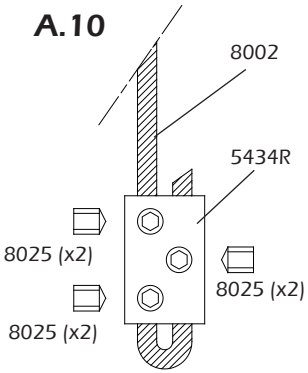

## A.8




## A.9

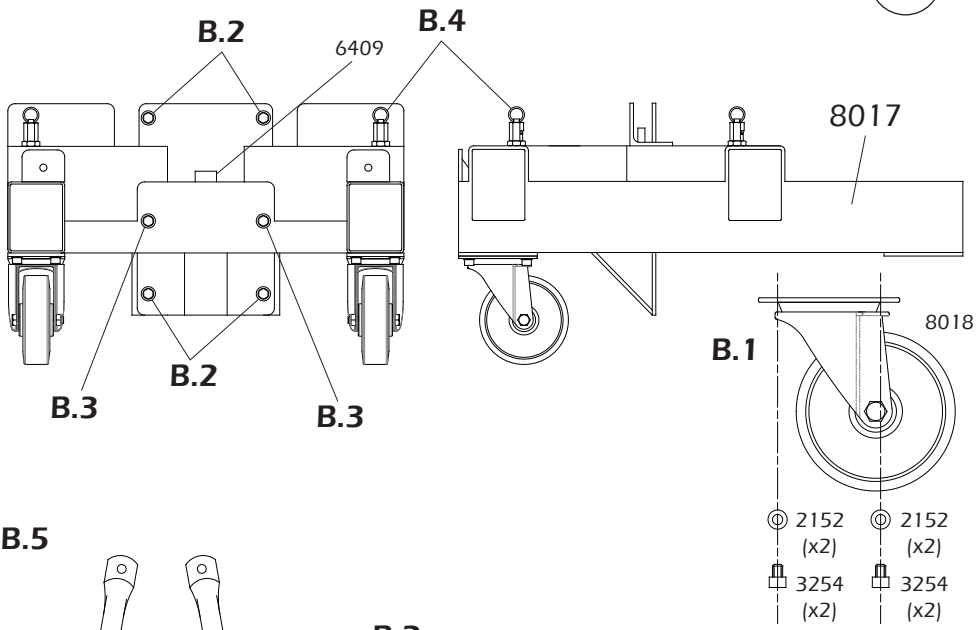



## A.10

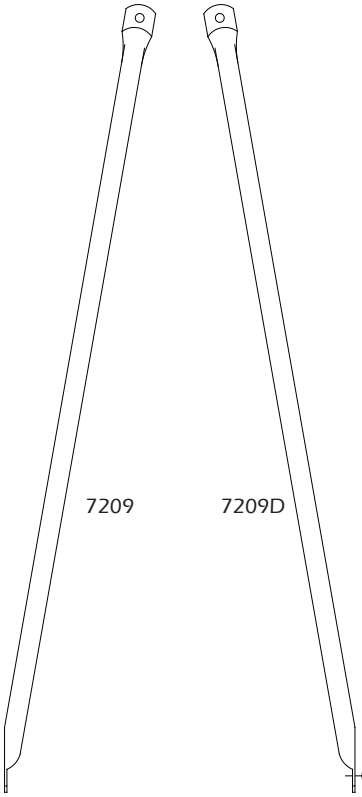




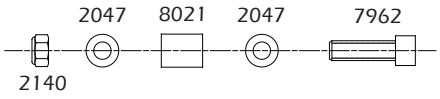
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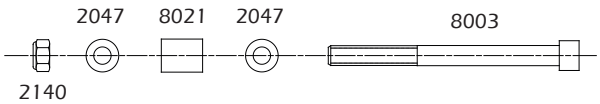

B.5



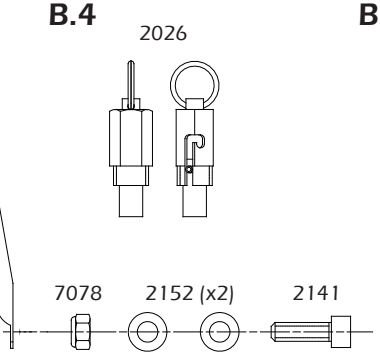

B.2



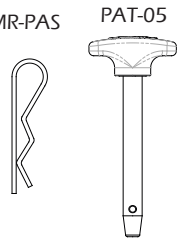

B.3




B.4



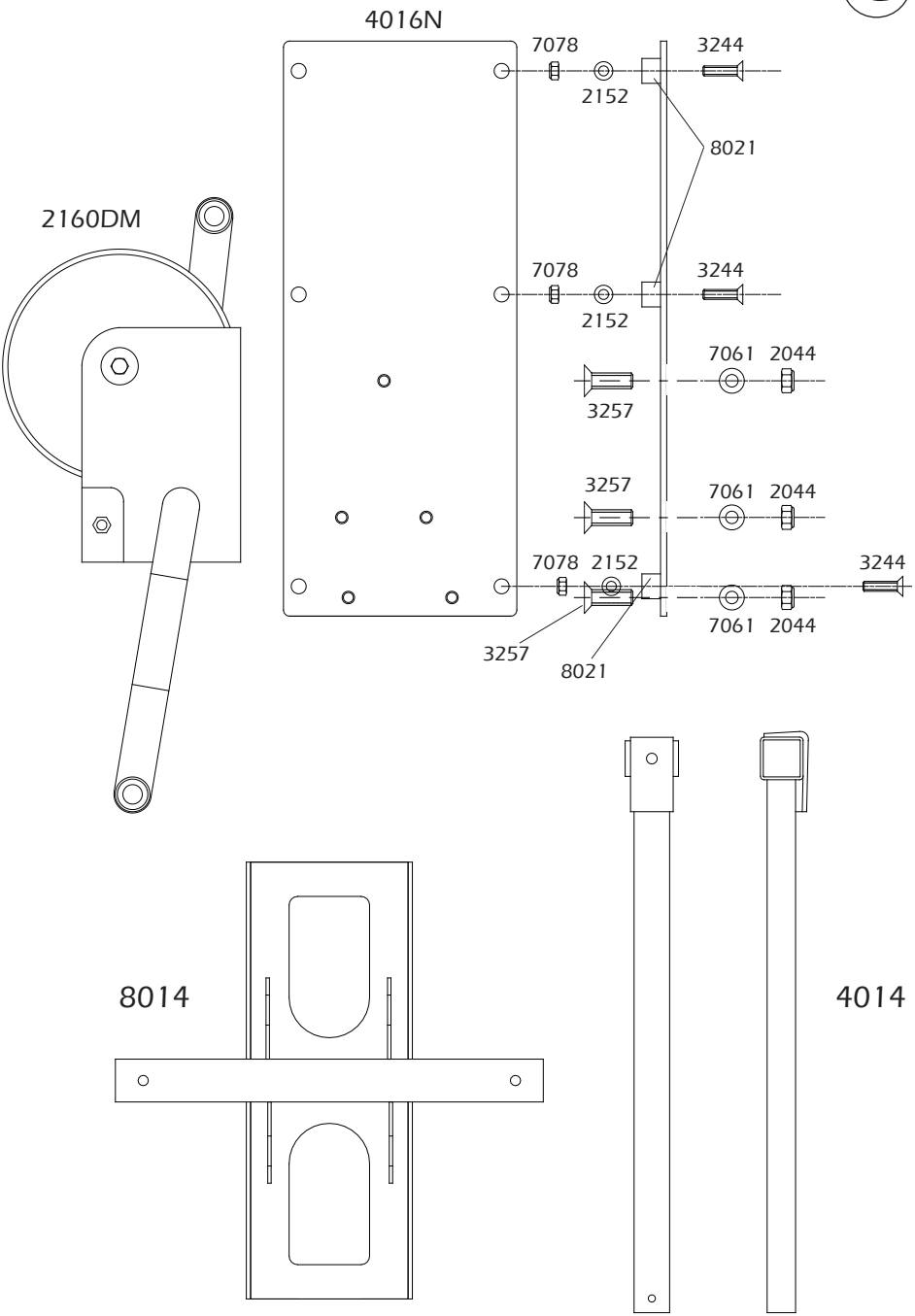

B.6





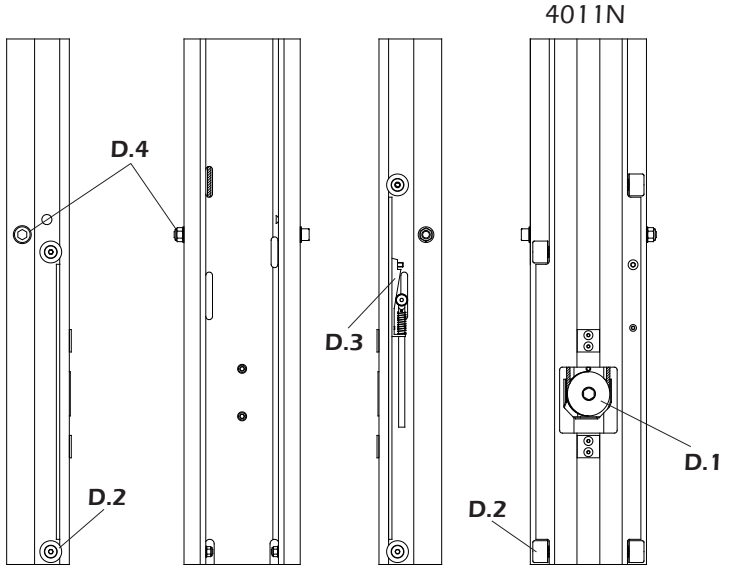
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C

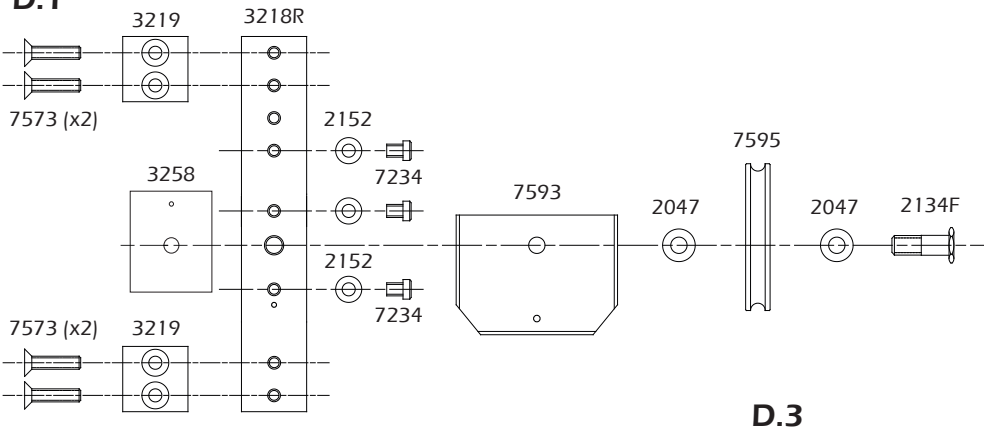




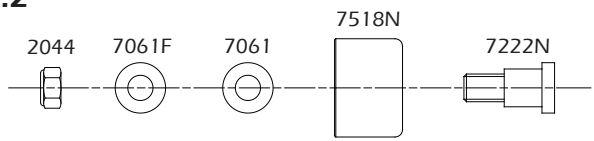
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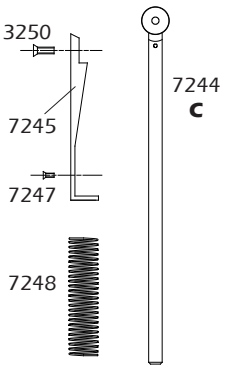

## D.1




## D.2




## D.3



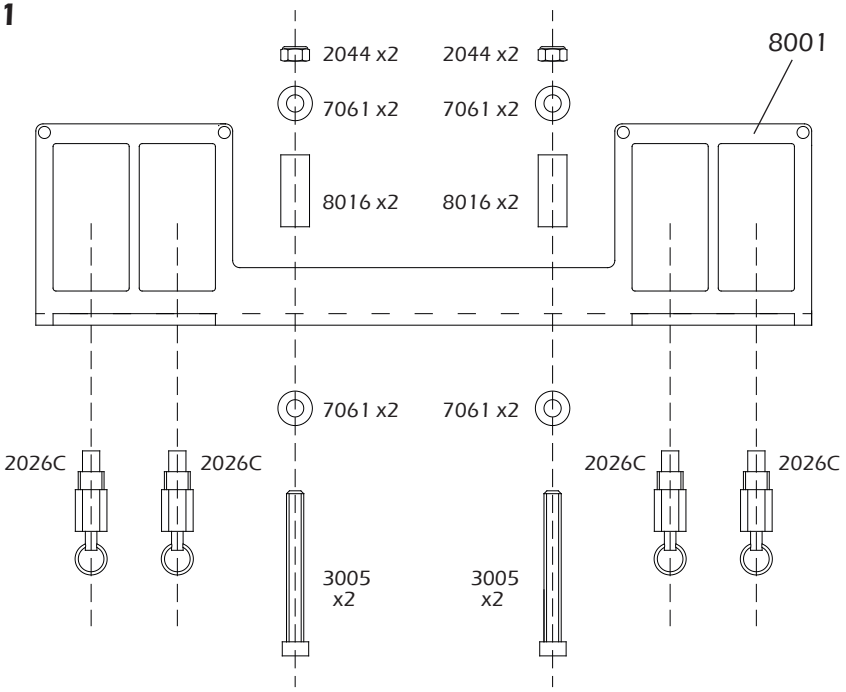

## D.4



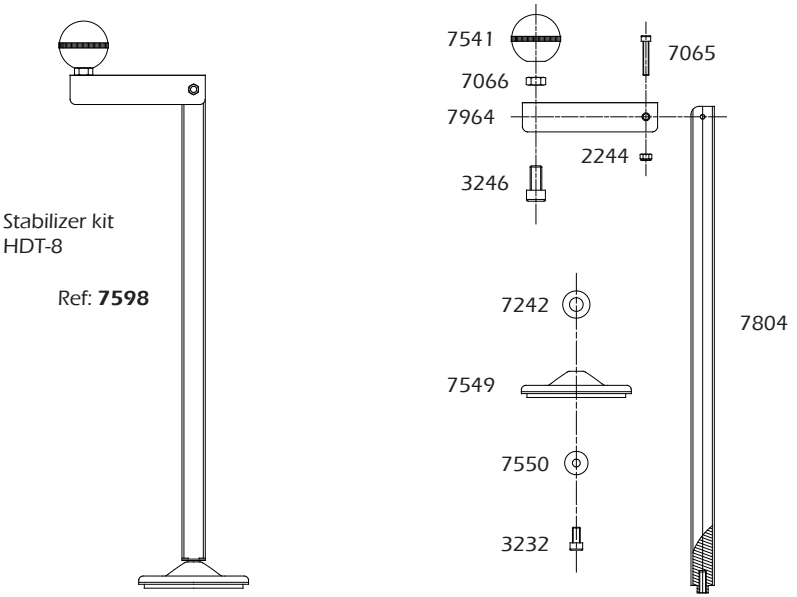


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## E.1



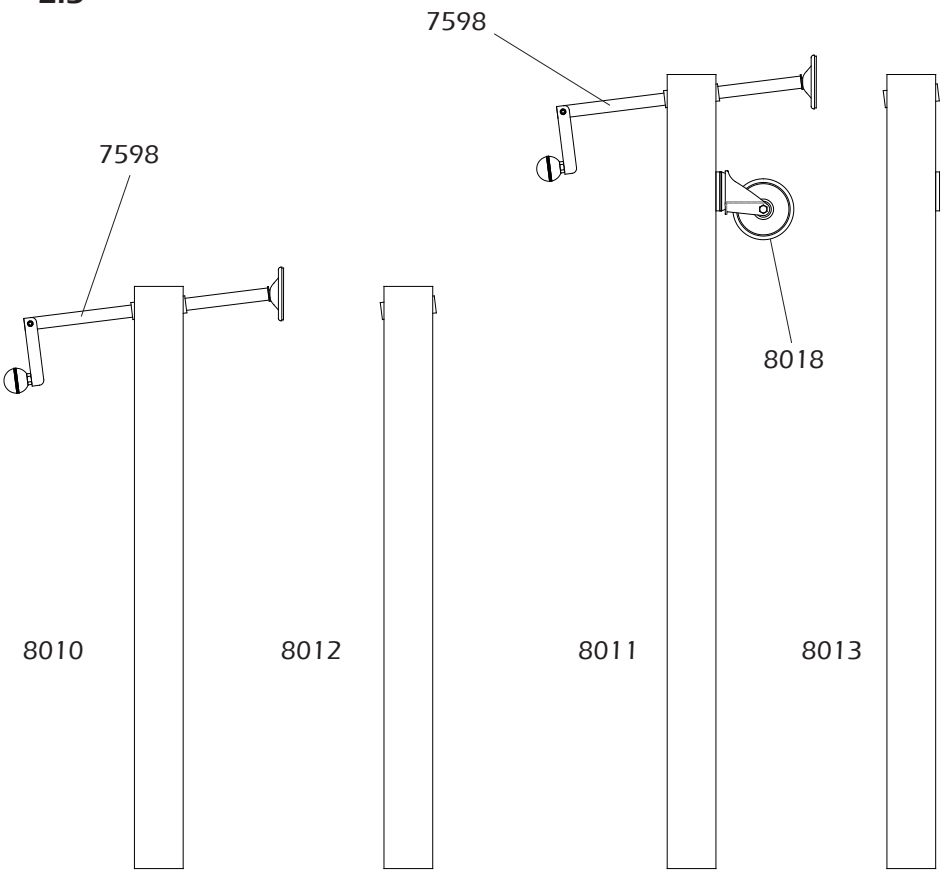

## E.2





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## E.3





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# SPARE PARTS LIST / LISTA DE REPUESTOS
# HDT-8

| Code | Description GB / USA | Descripción ES |
|---|---|---|
| 1540 (B) | SRS Unlock (B Black) | Desbloqueador sistema SRS (B Negro) |
| 2026 | Safety catch (23.5 mm pin) | Gatillo de seguridad (bulón 23.5 mm) |
| 2026C | Safety catch (37.5 mm pin) | Gatillo de seguridad (bulón 37.5 mm) |
| 2044 | M10 Auto-block nut | Tuerca autoblocante M10 |
| 2047 | M12 Washer | Arandela M12 |
| 2134F | M12x38 Special thin head screw | Tornillo cabeza especial fina M12x38 |
| 2140 | M12 Auto-block nut | Tuerca autoblocante M12 |
| 2141 | M8x25 Allen screw | Tornillo allen M8x25 |
| 2152 | M8 Washer | Arandela M8 |
| 2158 | Allen screw M12x25 | Tornillo allen M12x25 |
| 2160DM | Double handle winch 1700 Kg | Cabrestante doble manivela 1700 Kg |
| 2162N | M12x40 Hexagonal Screw | Tornillo hexagonal M12x40 |
| 2244 | M6 Auto-block nut | Tuerca autoblocante M6 |
| 3005 | M12x100 Allen screw | Tornillo allen M12x100 |
| 3031 (B) | SRS Unit profile 3 (B Black) | Pieza retentor SRS tramo 3 (B Negro) |
| 3032 (B) | SRS Unit profile 1 & 2 (B Black) | Pieza retentor SRS tramo 1 y 2 (B Negro) |
| 3218 | Inferior pulley support aluminium piece | Soporte de aluminio polea inferior |
| 3218R | Inferior pulley support Flat aluminium piece | Soporte de aluminio RECTO polea inferior |
| 3219 | Wide inner stop piece | Tope interior ancho |
| 3228 | Anchor points for slings | Anclaje vientos |
| 3232 | Allen screw M8x16 | Tornillo allen M8x16 |
| 3233 | Conic screw M6x16 | Tornillo cabeza cónica M6x16 |
| 3244 | M8x40 Allen screw | Tornillo allen M8x40 |
| 3246 | M12x25 Allen screw | Tornillo allen M12x25 |
| 3250 | M8x20 Conic screw | Tornillo cabeza cónica M8x20 |
| 3251 | M6x16 Allen screw | Tornillo allen M6x16 |
| 3252 | SRS screwed plate | Pletina roscada Retentor |
| 3253 | M6x10 Headless allen bolt | Tornillo allen sin cabeza M6x10 |
| 3254 | M8x10 Allen screw | Tornillo allen M8x10 |
| 3257 | M10x25 Conic screw | Tornillo cabeza cónica M10x25 |
| 3258 | Supplement piece for pulley support | Pletina suplemento porta-polea inferior |
| 4004N | ALS fixation alluminium piece | Pieza roscada aluminio fijación gatillo ALS |
| 4005N | ALS catch lock (Big piston pin) | Gatillo ALS (Bulón grande) |
| 4007S (B) | Base profile 1 HDT-8 (B Black) | Tramo Base 1 HDT-8 (B Negro) |


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| Code | Description GB / USA | Descripción ES |
|---|---|---|
| 4008N (B) | Profile 2 HDT-8 (B Black) | Tramo 2 HDT-8 (B Negro) |
| 4009N (B) | Profile 3 HDT-8 (B Black) | Tramo 3 HDT-8 (B Negro) |
| 4010N (B) | Profile 4 HDT-8 (B Black) | Tramo 4 HDT-8 (B Negro) |
| 4011N (B) | Lifting carriage HDT-8 (B Black) | Tramo carro aluminio HDT-8 (B Negro) |
| 4014 (B) | Forks (B Black) | Brazos de carga (B Negro) |
| 4016N (B) | Winch fixation plate (B Black) | Placa portacabrestante (B Negro) |
| 4019 (B) | Pulley protector (B Black) | Protector polea entrada (B Negro) |
| 4030 (B) | Upper stop piece last section (B Black) | Ángulo acero tope plegado (B Negro) |
| 4031 (B) | Upper stop piece firsts sections (B Black) | Ángulo acero tope plegado (B Negro) |
| 4056 | Ø90mm wide pulley | Polea ancha Ø90mm |
| 4057 | Cable protection Ø90 wide pulley | Protector cable Ø90 cubre-polea ancha |
| 4078 | Alluminium reinforcement tube Ø25x3mm | Tubo refuerzo de aluminio Ø25x3mm |
| 4079 (B) | 1st section pulley support steel angle | Ángulo acero porta-poleas 1era sección |
| 4080 (B) | 1st section support steel piece | Pieza acero soporte ángulo porta-poleas |
| 5421 | Alluminium stop piece | Tope de aluminio |
| 5432 | Conic allen screw M8x20 | Tornillo allen cabeza cónica M8x20 |
| 5434R | Cable grip | Fijación cable |
| 6409 | Spirit level Ø30mm | Nivel de burbuja Ø30mm |
| 7061 | M10 Washer | Arandela M10 |
| 7065 | M6x35 Allen screw | Tornillo allen M6x35 |
| 7066 | M12 Nut | Tuerca M12 |
| 7078 | M8 Auto-block nut | Tuerca autoblocante M8 |
| 7208 | M8x35 Allen screw | Tornillo allen M8x35 |
| 7209 (B) | Left reinforcement strut (B Black) | Tirante de refuerzo izquierdo (B Negro) |
| 7209D (B) | Right reinforcement strut (B Black) | Tirante de refuerzo derecho (B Negro) |
| 7222N | Special screw for nylon roller | Tornillo especial para rodillo de nylon |
| 7232 | M12 Special pulley screw | Tornillo especial M12 para polea |
| 7234 | M8x16 Screw | Tornillo M8x16 |
| 7242 | M14 Washer | Arandela M14 |
| 7243 | M14 Auto-block nut | Tuerca autoblocante M14 |
| 7244**C** | Inertial brake lock rod (Ø22mm disk) | Varilla freno de inercia (disco Ø22mm) |
| 7245 | Brake lock support | Soporte varilla freno de inercia |
| 7246 | M8x25 Conic screw | Tornillo cabeza cónica M8x25 |
| 7247 | M5x10 Conic screw | Tornillo cabeza cónica M5x10 |
| 7248 | Brake spring | Muelle freno de inercia |


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| Code | Description GB / USA | Descripción ES |
|---|---|---|
| 7518N | Black nylon roller Ø39 | Rodillo nylon negro Ø39 |
| 7541 | Stabilizer crank ball Ø51 | Bola de baquelita Ø51 para estabilizador |
| 7549 | Stabilizer round plate | Platillo apoyo estabilizador |
| 7550 | M8 Washer | Arandela carrocero M8 |
| 7573 | M8x30 Conic screw | Tornillo cónico M8x30 |
| 7593 | Cable protection for Ø90 pulley | Protección cable para polea Ø90 |
| 7598 | Complete stabilizer HDT-8 | Estabilizador completo HDT-8 |
| 7804 | M24x500 Screw | Perno roscado M24x500 |
| 7873 | M14x235 Allen screw | Tornillo allen M14x235 |
| 7962 | M12x40 Allen screw | Tornillo allen M12x40 |
| 7964 | Steel hand crank for stabilizer | Manivela de acero para estabilizador |
| 8001 (B) | HDT-8 Legs support | Soporte patas transporte HDT-8 |
| 8002 | Steel cable Ø6 x 19.4m | Cable de acero Ø6 x 19.4m |
| 8003 | M12x140 Allen screw | Tornillo allen M12x140 |
| 8010 (B) | Complete short leg (B Black) | Pata corta completa (B Negro) |
| 8011 (B) | Complete long leg (B Black) | Pata larga completa (B Negro) |
| 8012 (B) | Short leg profile (B Black) | Perfil pata corta (B Negro) |
| 8013 (B) | Long leg profile (B Black) | Perfil pata larga (B Negro) |
| 8014 (B) | Lifting carriage HDT-8 | Carro elevador HDT-8 |
| 8016 (B) | Leg support separator shell | Casquillo separador soporte patas |
| 8017 (B) | HDT-8 Base | Base HDT-8 |
| 8018 | HDT-8 Legs and base Wheels Ø125 | Ruedas Ø125 Base y patas HDT-8 |
| 8019 | Threaded alluminium piece inner stop | Pletina roscada tope interior de aluminio |
| 8021 (B) | Base and winch support shell | Casquillo separador portacabrestante y base |
| 8025 | M8x10 Headless allen bolt | Tornillo allen sin cabeza M8x10 |
| 9200 | M12x45 DIN 912 screw (hardness 12.9) | Tornillo M12x45 DIN 912 (Dureza 12.9) |
| MR-PAS | 'R' Clip | Clip de seguridad 'R' |
| PAT-05 | Magnetic steel pin Ø10x84.5mm | Pasador acero imantado Ø10 x 84.5mm |

*REMEBER TO QUOTE THE TYPE, PRODUCTION YEAR AND SERIAL NUMBER OF THE TOWERLIFT.*

*RECUERDE CITAR EL MODELO, EL AÑO DE PRODUCCIÓN Y EL NÚMERO DE SERIE DE LA TORRE ELEVADORA.*

*Vergessen Sie nicht den MODELLJAHR DER PRODUKTION und Seriennummer des HEBETURM zitieren.*


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DEKRA

## Test report about an acceptance inspection

| | | |
|---|---|---|
| Device typ: | Towerlift | |
| Typ: | HDT - 8 | |
| Fabrikator: | Prolifts S. L.<br>Pol. Ind. Picassent<br>Calle 7<br>E-46220 Picassent<br>VALENZIA | |
| Technical specifications: | charge maximum: | 350 kg |
| | tare: | 232 kg |
| | minimum high: | 1,98 m |
| | maximum high: | 8,20 m |
| | Serial Number: | 064498 |
| | Year of manufacture: | 2012 |
| Foundation : | BGV C1, BGG 912 | |
| Test result: | The accomplishment of the towerlift complies the safty-related receivables of the BGV-C1. | |
| Clue: | At each towerlift is an EG-declaration of conformity to deliver. | |
| | Bevor the towerlift is commissioning at first is an optical control from an assessor after BGG 912 necessary. | |




Berlin, 04.02.2013

Dipl.-Ing. Konrad Haak


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*Para más información consulte con nuestros técnicos en:*

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