

SECTION 1 - GENERAL DATA

Multifunctional rescue system TM 14 is a component of personal protective equipment against fall from height. Device has to be used in conjunction with fall arrest equipment. TM 14 is designed to use with RUP 502-A and RUP 503 and CRW300 rescue lifting devices for rescue purposes.

TM 14 device provides protection for max. two people in any case.

MULTIFUNCTIONALITY

- a) Device can be used as SAFETY TRIPOD - FIGURE 1 (page 2)
- b) Device can be used as CANTILEVER RESCUE SYSTEM - FIGURE 2 (page 3).

GENERAL TECHNICAL DATA

- protection for maximum two people at the same time
- weight (without chain): ~65 kg
- shipping dimensions (wooden box l x h x w): 228 x 32 x 30 cm
- removable steel feet

BASIC EQUIPMENT

- head - made of zinc-plated painted steel. Pins over each wheel prevent rope against accidental falling from wheel.
- legs - made of reinforced aluminium profiles with rounded edges. They consist two sections. The telescopic construction allows adjusting legs length using locking pins. The legs are equipped with self-aligning, removable, steel feet with rubber pad. The feet have anti-slip "teeth" used when positioning the tripod on a slippery (e.g. icy) surfaces.
 - two "A" legs - equipped with built-in wheel (for working rope guidance) and attachment point (locking hole) for RUP 502-A and RUP 503 and CRW 300 rescue lifting devices.
 - one "B" leg - without wheel, with special sockets for wheel pad installation and attachment point (locking hole) for RUP 502-A and RUP 503 and CRW 300 rescue lifting devices.
- steps - if the legs are maximally extended, additional steps allows easy and safe installation of the rope on the tripod's head. Up to 3 steps can be used for one tripod.
- chain - leg chain is supplied to minimize horizontal forces and prevent the legs spreading and collapsing. Long chain is used for safety tripod, short chain is used for cantilever rescue system.
- wheel pad - used in cantilever rescue system for counterweight (vehicle or weight rack). Made of zinc-plated steel and stainless steel.
- weight rack - used for counterweight with steel weights. Made of zinc-plated na powder painted steel.
- pulley - used in cantilever rescue system for working rope guidance. Made of zinc-plated and powder painted steel.
- bracket - used in cantilever rescue system for supporting the pulley. Made of zinc-plated steel.
- bracket base - used in cantilever rescue system as a bracket-leg connector. Made of aluminium and zinc-plated steel.
- head support - used in cantilever rescue system for tripod's head support. Made of zinc-plated steel.

CERTIFICATION AND COMPLIANCE WITH STANDARDS

1. SAFETY TRIPOD - TYPE B

- a) EN 795:2012 type B. Equipment use as a transportable temporary anchor point for one person. EC certificate.
- b) TS 16415:2013 type B. Equipment use as a transportable temporary anchor point for two people. Compliance with standard and document TS 16415/B:2013. Not covered by the EC certificate.
- c) EN 1496:2006 type B. Equipment use with RUP502-A / RUP503 / CRW300 as an rescue kit for maximum two people. Compliance with standard and document EN 1496/B:2006. Not covered by the EC certificate.

2. CANTILEVER RESCUE SYSTEM - TYPE E

- a) EN 795:2012 type E. Equipment use as a transportable temporary anchor point for one person. EC certificate.
- b) TS 16415:2013 type E. Equipment use as a transportable temporary anchor point for two people. Compliance with standard and document TS 16415/B:2013. Not covered by the EC certificate.
- c) EN 1496:2006 type B. Equipment use with RUP502-A / RUP503 / CRW300 as an rescue kit for maximum two people. Compliance with standard and document EN 1496/B:2006. Not covered by the EC certificate.
- d) Using vehicle as a counterweight i out of the scope of the CE certification (not covered by EN 795 / TS 16415 / EN 1496 standards) and does not protect against falls from height.



Month and year of the manufacturer's next inspection.

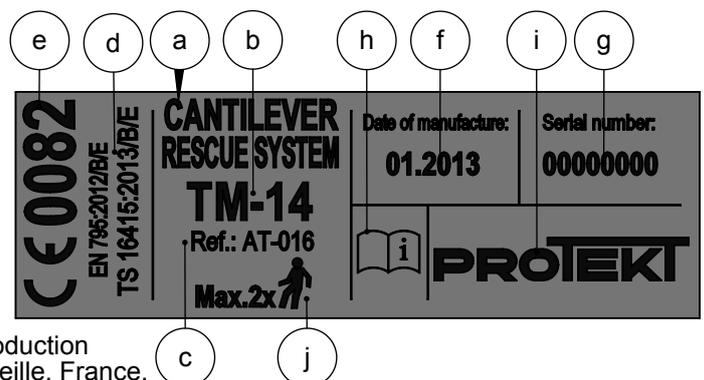
Don't use the device after this date.

Attention: Before the first use mark the date of inspection (date of first use + 12 months, e.g. first use 01.2013 - mark inspection 01.2014).

"Next inspection label" placed near identity label.

CONTENT OF THE IDENTITY LABEL

- a) Device type.
- b) Model symbol.
- c) Reference number.
- d) Number/year/class of the European standard.
- e) CE marking and number of a notified body controlling manufacturing of the equipment.
- f) Month and year of manufacture.
- g) Serial number of the tripod.
- h) Caution: read the manual.
- i) Marking of the manufacturer or distributor of the tripod.
- j) Maximum number of users permitted simultaneously.



The Notified Body involved with EC type examination and in the production control phase: APAVE SUDEUROPE SAS, CS 60193, 13322 Marseille, France.

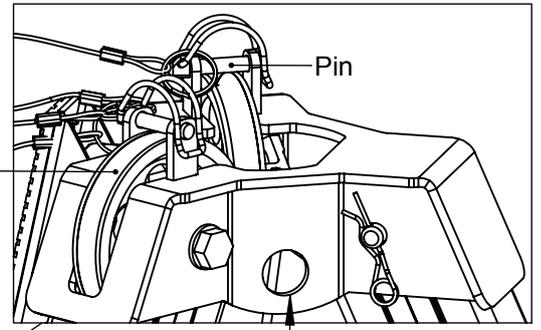
FIGURE 1 - TM 14 USED AS A SAFETY TRIPOD

MAIN VIEW

SPECIFIED DATA FOR SAFETY TRIPOD

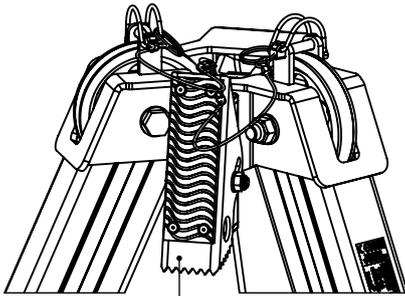
- working height:
 - legs fully extended: 289 cm
 - legs fully retracted: 179 cm
- legs spacing:
 - legs fully extended: 232 cm
 - legs fully retracted: 147 cm
- diameter over which it can deploy a tripod:
 - legs fully extended: 271 cm
 - legs fully retracted: 173 cm
- available 4 attachment points

Built-in wheel for workin rope guidance



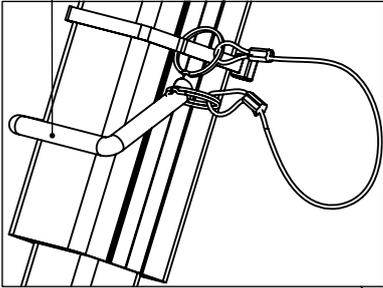
Side attachment point

Sockets for wheel pad installation



head support

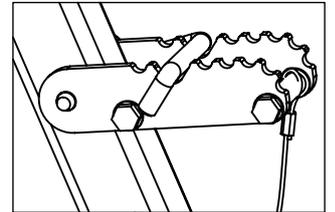
Tripod leg locking pin



Leg "B" attachment point

Leg "A" Attachment point

Leg "A" attachment point

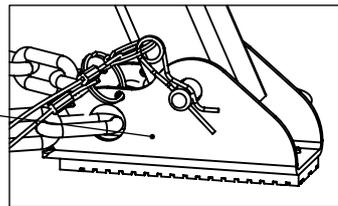


Leg "B"

Leg "A"

Leg "A"

Removable foot with a rubber pad and anti-slip teeth



Long Chain

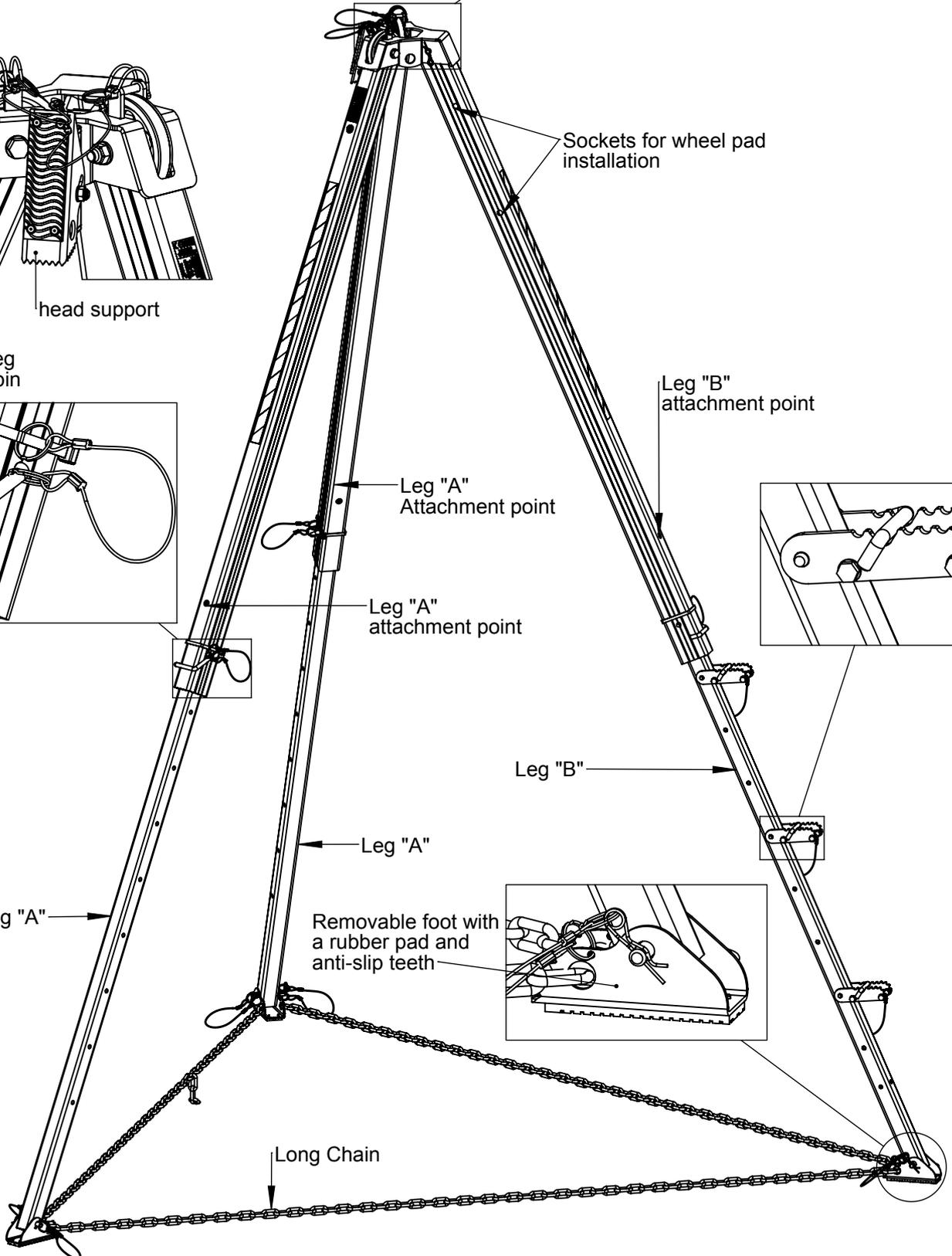
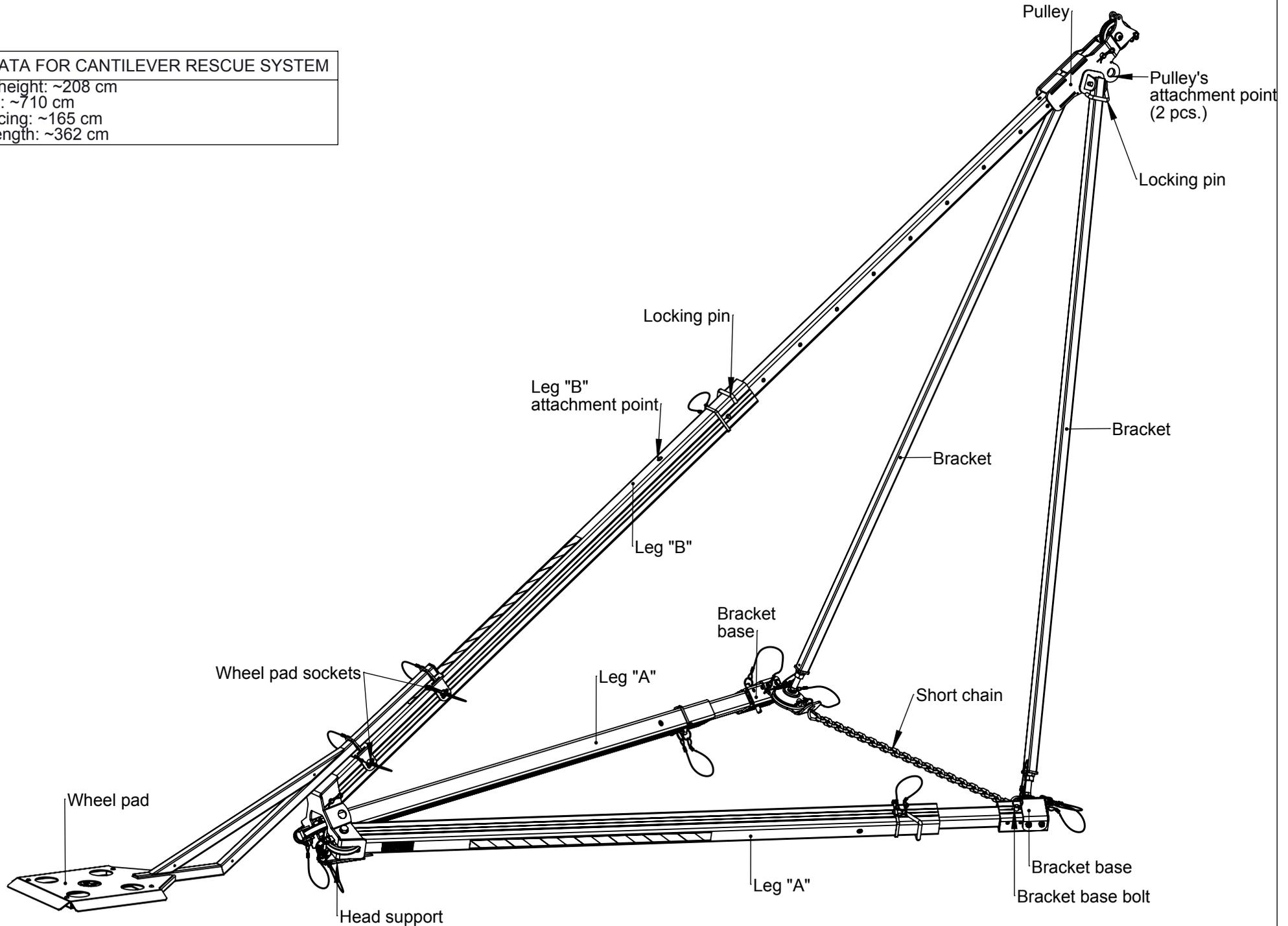


FIGURE 2 - TM 14 USED AS A CANTILEVER RESCUE SYSTEM

MAIN VIEW

SPECIFIED DATA FOR CANTILEVER RESCUE SYSTEM

- working height: ~208 cm
- outreach: ~710 cm
- legs spacing: ~165 cm
- overall length: ~362 cm

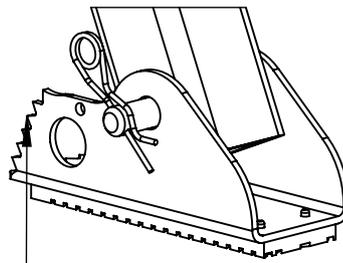


SECTION 2 - DEVICE INSTALLATION

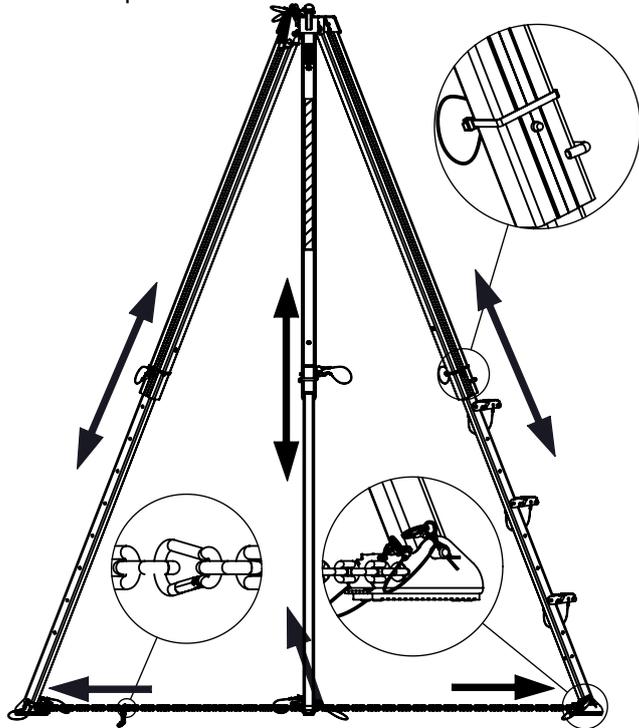
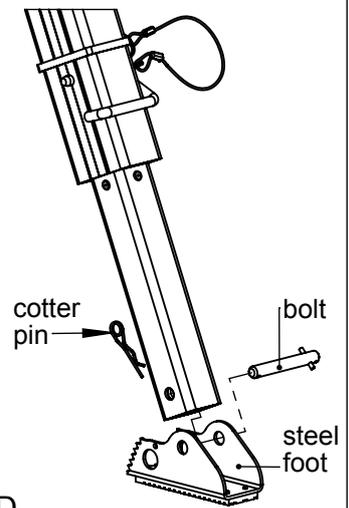
It is recommended that TM 14 device should be transported and installed by minimum two people.

INSTALLING A STEEL FOOT (SAFETY TRIPOD)

Tripod's steel feet are removable. **DO NOT** use tripod without steel feet installed. Teeth of the steel foot should be directed to the center of the tripod. Place the foot at the end of the leg. Secure with bolt and cotter pin.



Teeth directed to the center of the tripod.

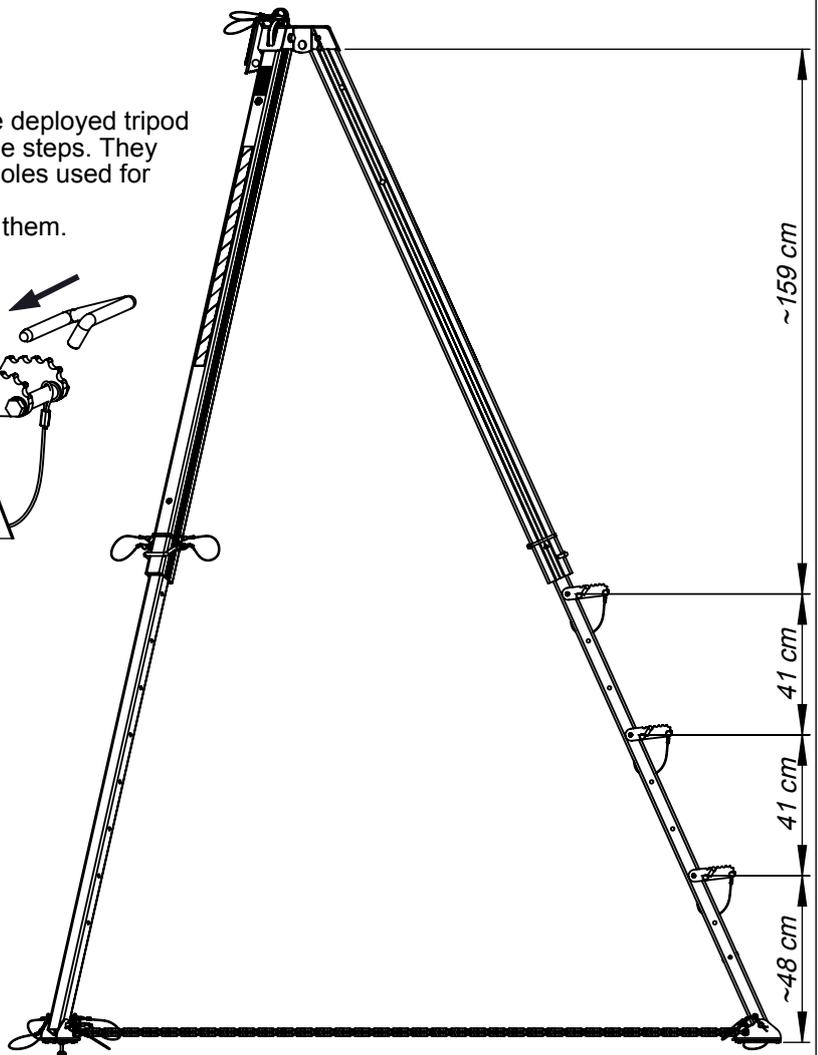
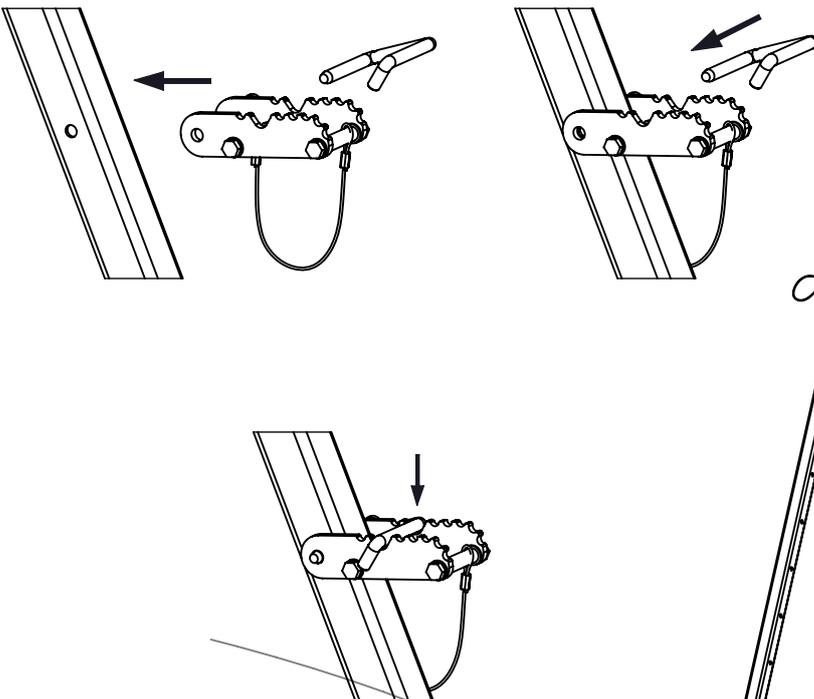


INSTALLING A SAFETY TRIPOD

1. All steel feet must be installed.
2. Place the tripod on a flat, stable and hard surface. Pull out the tripod legs to the desired length and lock with the locking pin.
3. Set the tripod in an upright position and fully spread the legs.
4. Make sure the feet are installed and are on firm ground and can support the load.
5. Adjust length of the legs so that the head is located in the horizontal plane.
6. The tripod should be positioned over opening so working line will be located approximately in the center of the opening.
7. Make sure that locking pins are properly secured the end of the locking pin must protrude above the surface of the tripod legs.
8. Secure the tripods legs with the long chain against the accidental sliding open. The ends of the long chain must be fastened with a snap hook. The chain should be tight between the legs of the tripod. Remove excess slack of the chain.

INSTALLING STEPS

- During the installation of the cable on the head of the deployed tripod head it is possible to step onto the tripod leg using the steps. They should be installed on the outside of the legs in the holes used for adjusting the height of the tripod.
- Steps should be install at regular distances between them.



INSTALLING A CANTILEVER RESCUE SYSTEM

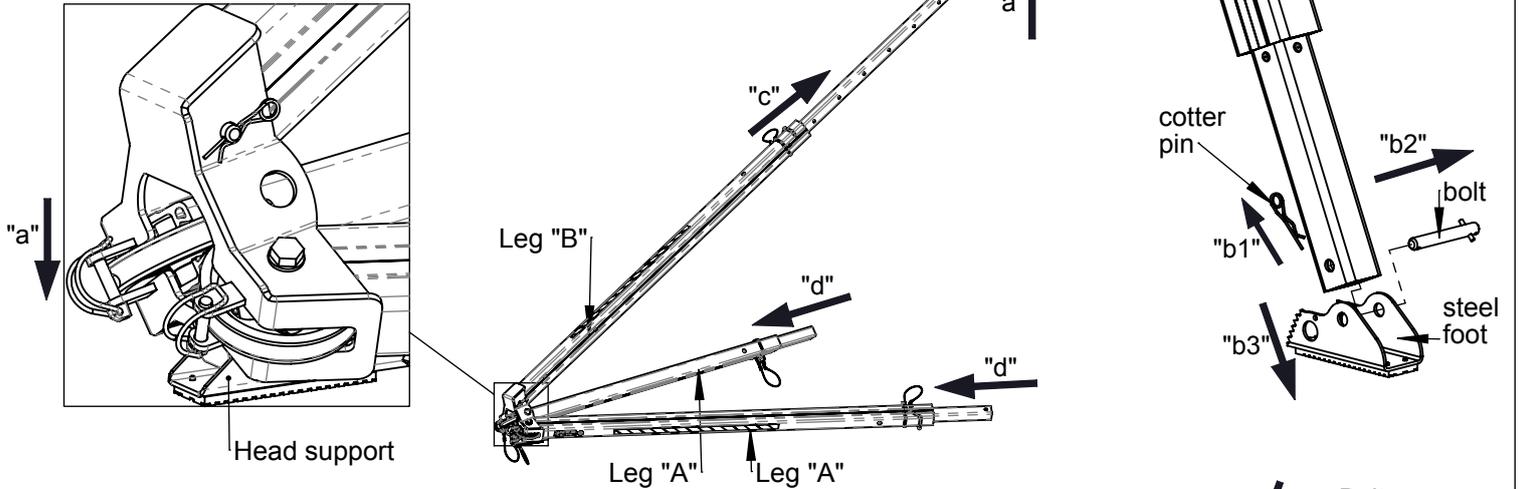
Functionality of the safety tripod can be extended with additional equipment for operations over roof edges, parapets, guard rails, cliffs, bridges etc. Device should be set on a flat, stable and hard surface.

step "a": Lay the device on the firm ground so that the head support rested on the ground and leg "B" is facing up.

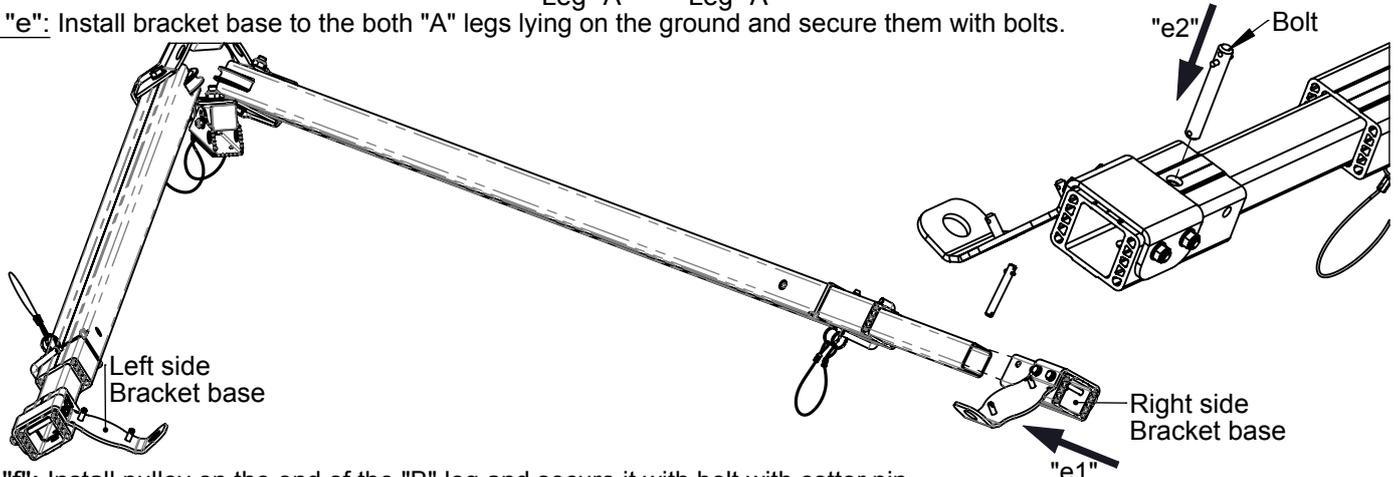
step "b": Remove steel foot from all legs.

step "c": Fully extend "B" leg and secure it with locking pin (ninth hole).

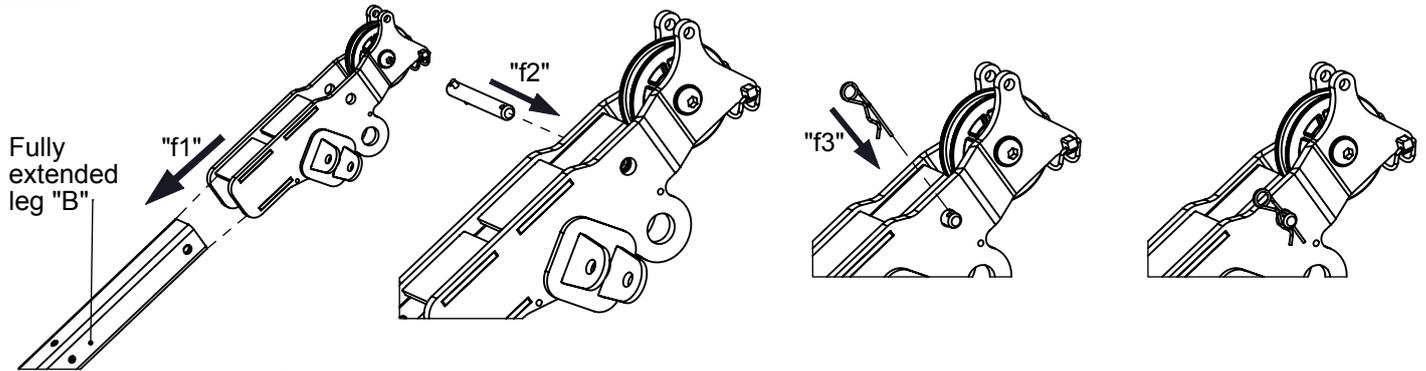
step "d": Fully retract both "A" legs and secure them with locking pin (first hole).



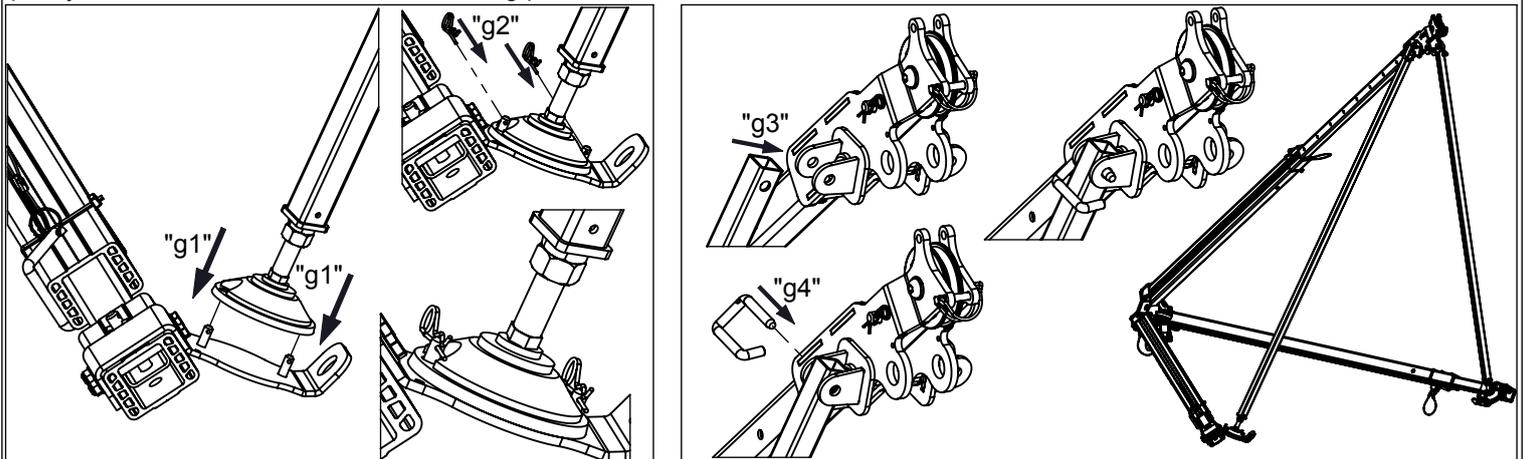
step "e": Install bracket base to the both "A" legs lying on the ground and secure them with bolts.



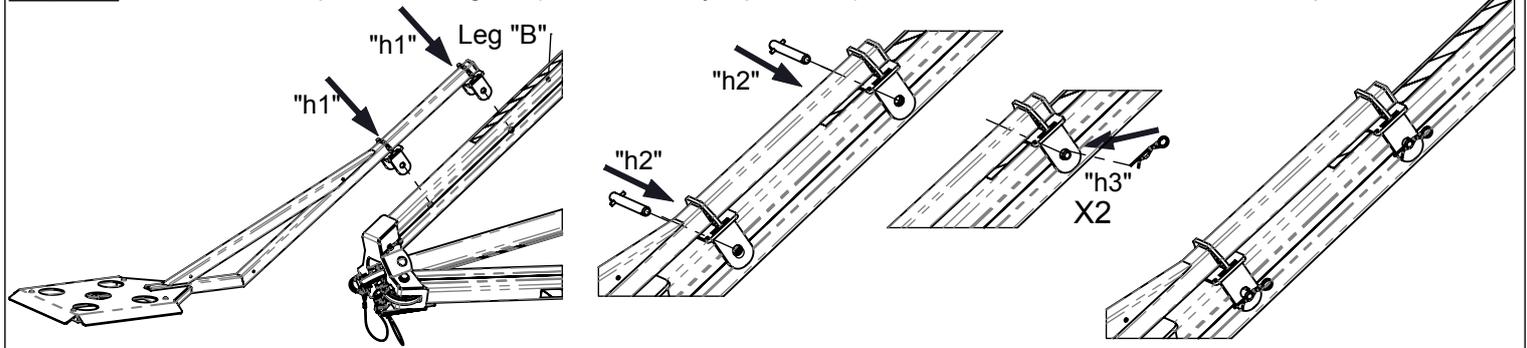
step "f": Install pulley on the end of the "B" leg and secure it with bolt with cotter pin.



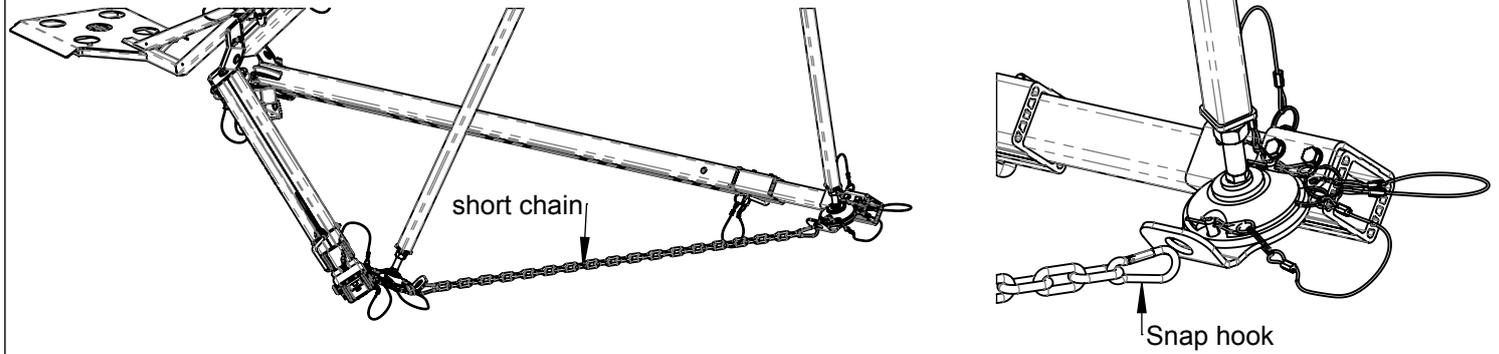
step "g": Lift up the leg "B" with pulley and install two brackets between bracket base (installed on both "A" legs) and pulley. From the down place the pivot foot on the bracket base socket and secure it with two cotter pins. From the top place the bracket in the pulley's swivel ear and secure it with locking pin.



step "h": Place the wheel pad on the leg "B" (near the safety tripod head) and secure it with two bolts and cotter pins.



step "i": Install short chain between two bracket bases using two snap hooks.



MAXIMUM LOAD TRANSMITTED FROM THE TM 14 TO THE STRUCTURE / LOADING DIRECTION

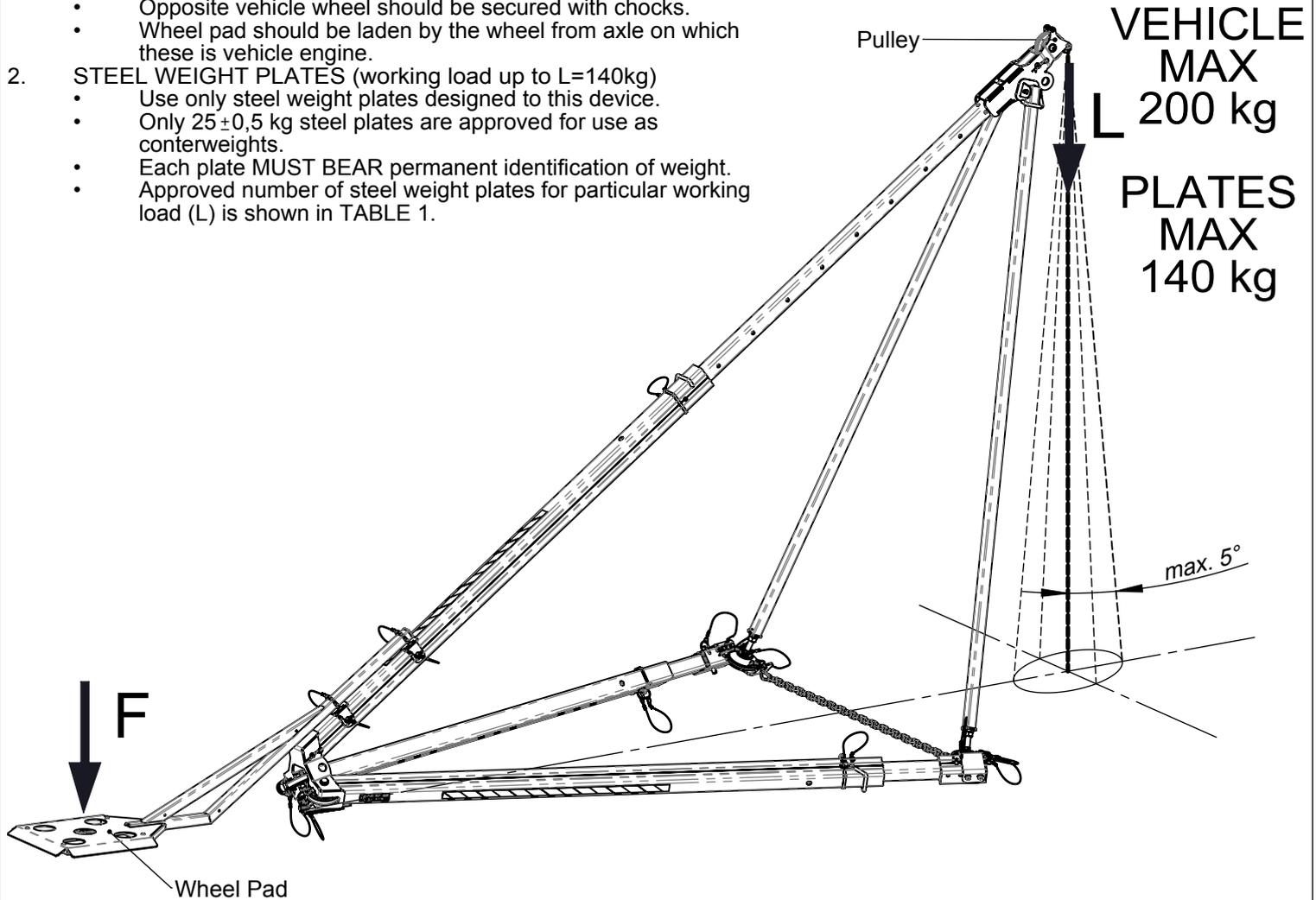
Surface, where the TM 14 device was placed on must support the max. device load of 13 kN.
Loading direction: perpendicular to the surface on which the TM 14 device is placed.

COUNTERWEIGHT INSTALLATION PROCEDURE FOR CANTILEVER RESCUE SYSTEM

Wheel pad in cantilever rescue system configuration MUST BE immobilized with force (F) corresponding to the working load (L) applied to the Pulley.

As a counterweight (F) can be used ONLY:

1. VEHICLE (working load up to L=200kg)
 - Vehicle weight minimum 3500 kg.
 - Vehicle should be placed perpendicularly to the device.
 - Vehicle engine must be turned off.
 - Vehicle parking brake must be engaged.
 - Opposite vehicle wheel should be secured with chocks.
 - Wheel pad should be laden by the wheel from axle on which these is vehicle engine.
2. STEEL WEIGHT PLATES (working load up to L=140kg)
 - Use only steel weight plates designed to this device.
 - Only $25 \pm 0,5$ kg steel plates are approved for use as counterweights.
 - Each plate MUST BEAR permanent identification of weight.
 - Approved number of steel weight plates for particular working load (L) is shown in TABLE 1.

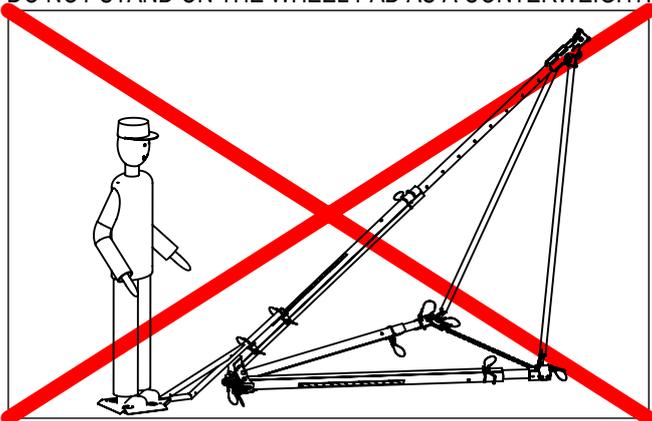


GENERAL PRECAUTIONS!

- As a counterweight can be used ONLY vehicles OR steel weight plates described in this instruction manual!
- Counter weight plates can be used ONLY for working load (L) up to 140 kg (for RUP 502-A and CRW 300 devices).
- For working load up to 200kg (for RUP 503 device) use ONLY vehicle as a counterweight.
- Using vehicle as a counterweight is out of the scope of the CE certification (not covered by EN 795 / TS 16415 / EN 1496 standards) and does not protect against falls from height.
- The working load "L" can be directed vertically only ($\pm 5^\circ$). This device can be used for evacuation/rescue purposes (lifting people from lower level to the higher level and lowering people from higher level to the lower level up to 2-meters).
- DO NOT stand on the wheel pad as a counterweight!
- DO NOT exceed Working Load!

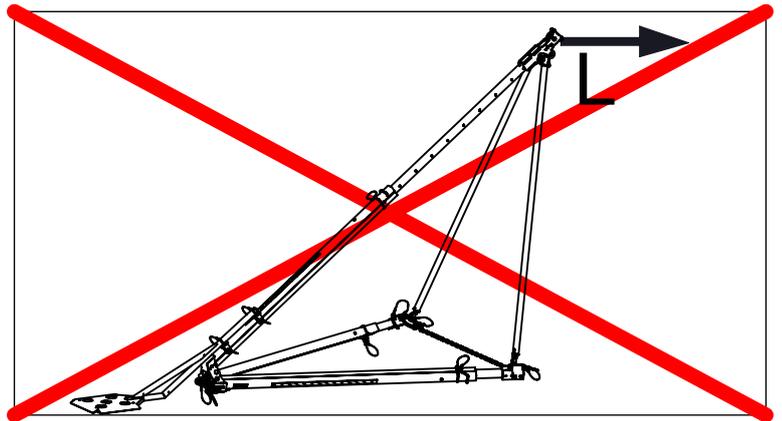
CAUTION!

DO NOT STAND ON THE WHEEL PAD AS A CONTERWEIGHT!



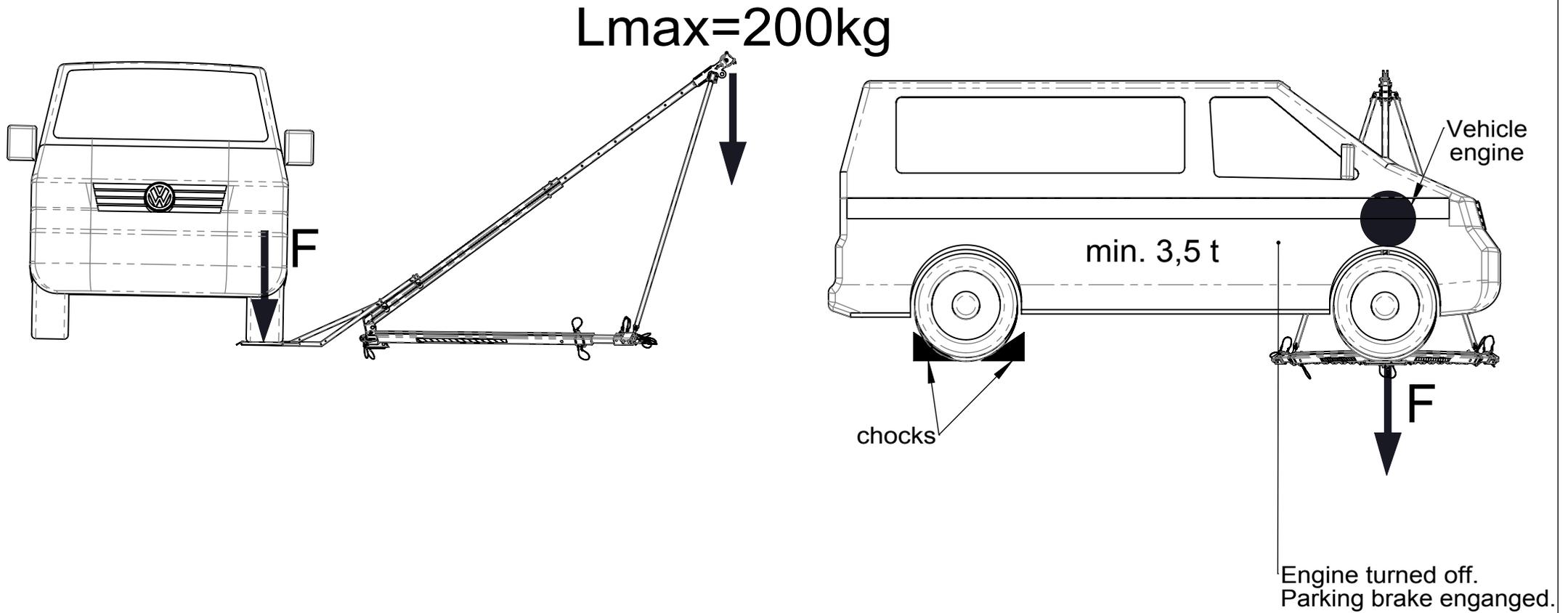
CAUTION!

WORKING LOAD "L" CAN BE DIRECTED VERTICALLY ONLY!



USING VEHICLE AS A COUNTERWEIGHT

Using vehicle as a counterweight.
 Maximum working load $L=200\text{ kg}$ (RUP 503 rescue lifting device can be used).

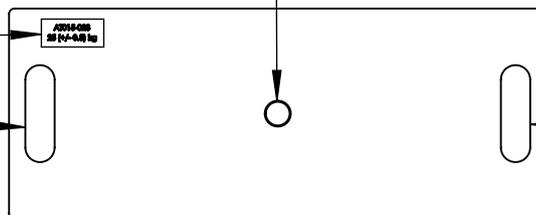


USING STEEL WEIGHT PLATES AS A COUNTERWEIGHT

Special steel weight plates ($25 \pm 0,5\text{kg}$) can be used as a counterweight. Steel plates can be installed on the wheel pad using weight plates holder (counterweight bracket). Steel weight plates can be used ONLY for working load L up to 140 kg.

Steel weight plate weight identification

Handle



Handle

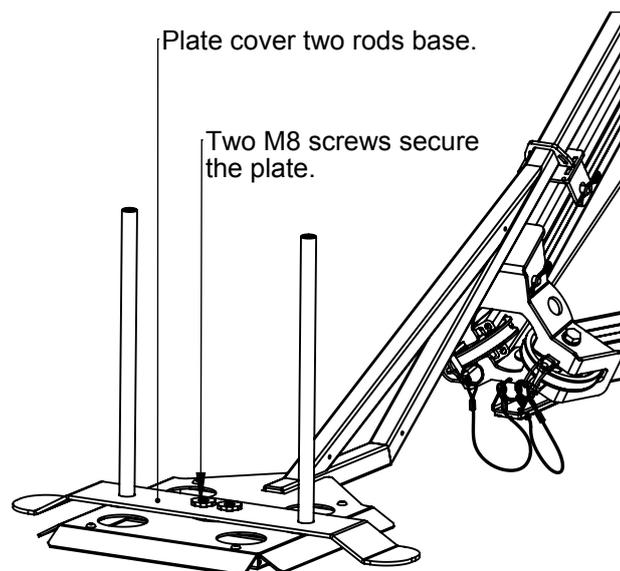
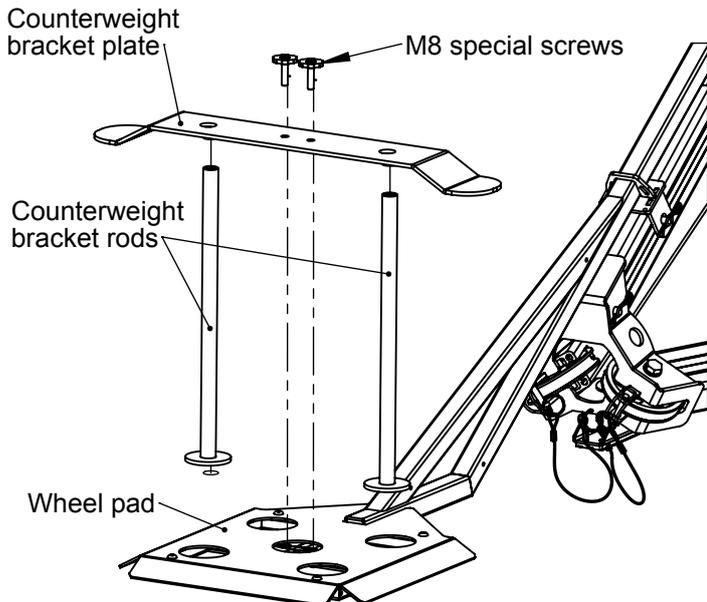
Hole for weight plates holder pole installation

Counterweight bracket installation on the wheel pad

Step "a": Put two counterweight bracket rods on the wheel pad.

Step "b": Put counterweight bracket plate on the rods through two holes.

Step "c": Secure counterweight bracket plate with two special M8 screws (wheel pad provides two M8 sockets).



Steel weight plates installation on the counterweight bracket

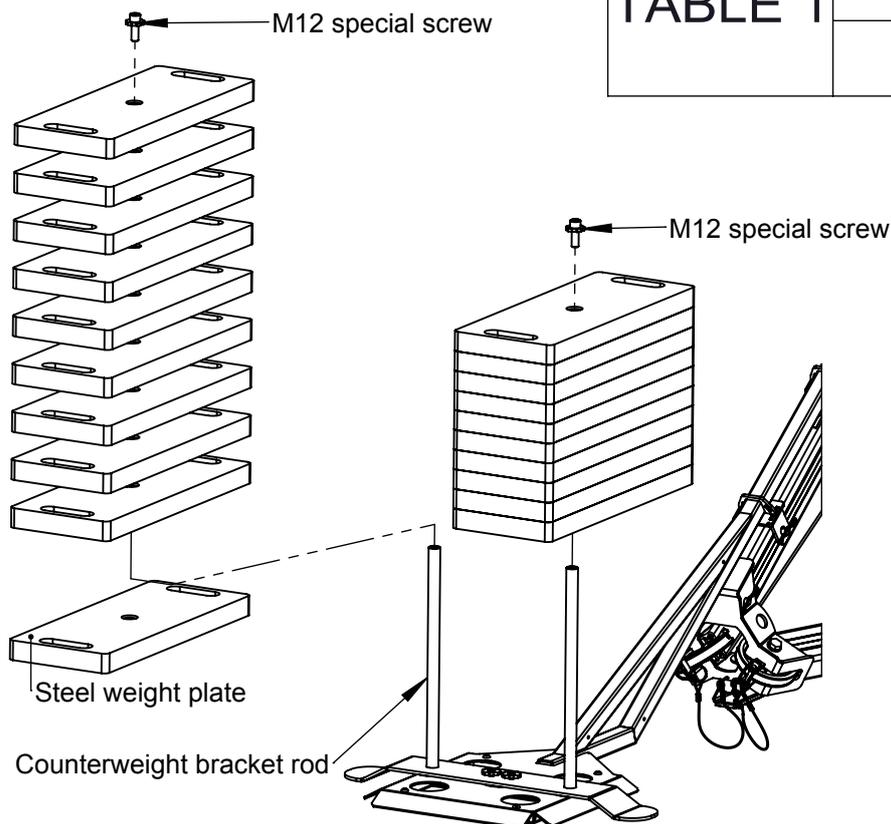
Step "a": According to the TABLE 2 put symmetrically appropriate number of 25kg steel weight plates on the counterweight bracket rods.

Step "b": Secure end of each counterweight bracket rod with M12 special screw.

TABLE 1

UP TO WORKING LOAD L = 140 kg
FOR RUP 502-A and CRW 300 devices
USE

16 pcs of counter weight plates



Steel weight plates placed symmetrically on the rods.

Two M12 special screws secure steel weight plates on counterweight bracket rods.

INSTALLATION TO THE PERMANENT STRUCTURE

Wheel pad can be immobilized by installation to the steel or concrete structure of appropriate durability using special anchor plate. The method of the installation is shown in Figure below.

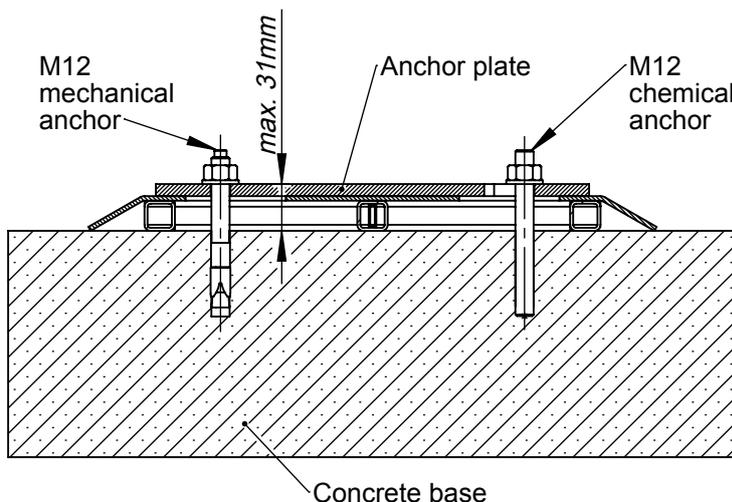
The connection with steel base should be made with the use of screws of a minimum durability corresponding to the durability of screws M12-A2-70. All the elements of screws connection should be protected against corrosion or made from stainless steel materials. The nuts and hexagonal heads of the screws should be equipped with washers appropriate for thread M12. The nuts in screw connections should be self-locking or secured against self-unscrewing with locknuts.

The connection with the concrete base should be made with the use of chemical or mechanical anchors with durability against extraction of more than 12 kN. The concrete should have a durability against pressure of at least 20 MPa.

Recommended mechanical anchors: FAZ 12...; FBN 12...; FZA 18...M12 (prod. FISCHER); HSA 12...; HST 12..., HSR 12 ... etc. (prod. HILTI).

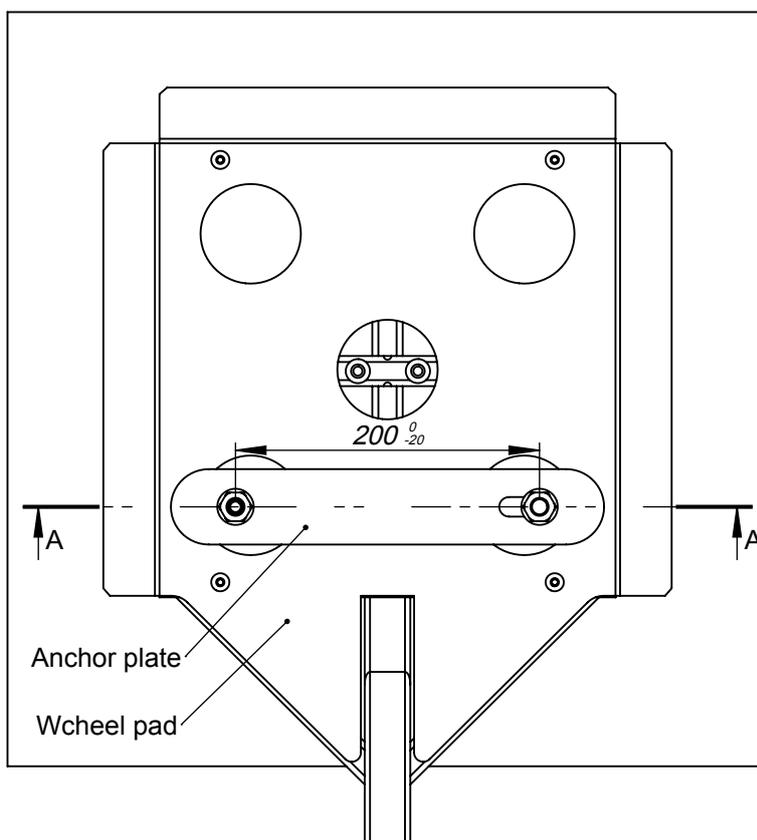
Recommended chemical anchors: HIT HY-150/HAS M12 (prod. HILTI); FIS M12 (prod. FISCHER).

NOTE! The anchors have to be mounted strictly according to the instruction of the anchor's manufacturer.



CAUTION!
FOR CONCRETE BASE
USE MINIMUM TWO M12
MECHANICAL
OR
CHEMICAL
ANCHORS

FOR STEEL BASE
USE MINUM TWO M12
BOLTS.



SECTION 3

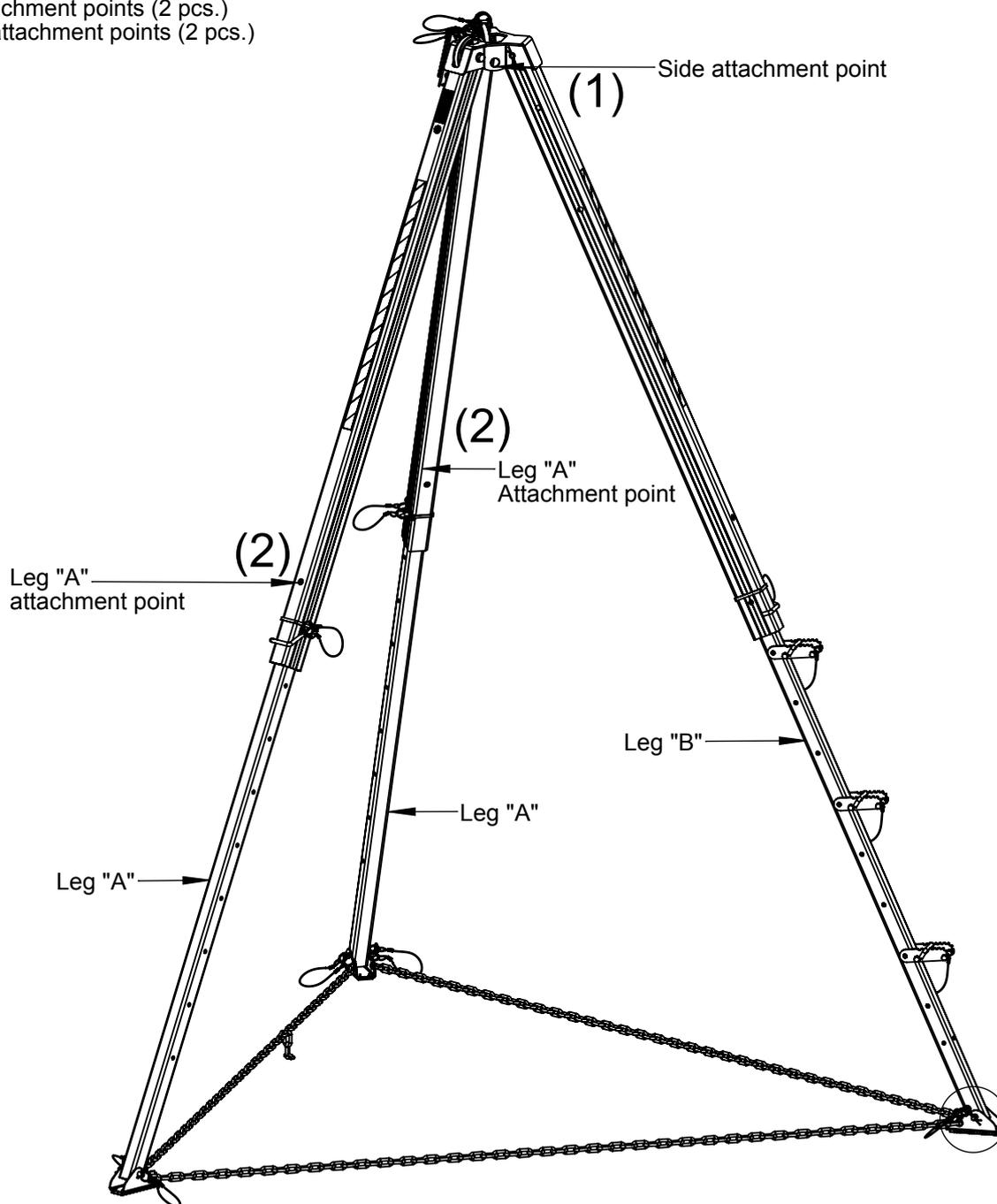
PERSONAL PROTECTION ACCORDING TO EN 795/B AND TS 16415/B PERSONAL PROTECTION ACCORDING TO EN 795/E AND TS 16415/E

TM 14 device can be used as a temporary anchorage according to EN 795/B and TS 16415/B in Safety Tripod configuration.
TM 14 device can be used as a temporary anchorage according to EN 795/E and TS 16415/E in Cantilever Rescue System configuration.

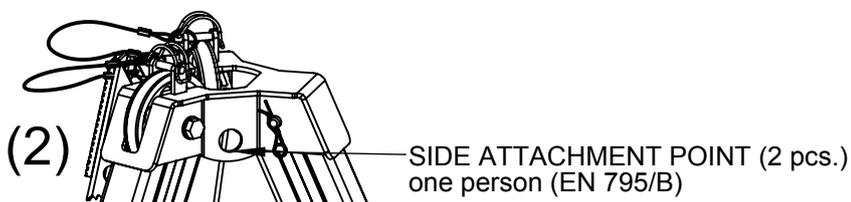
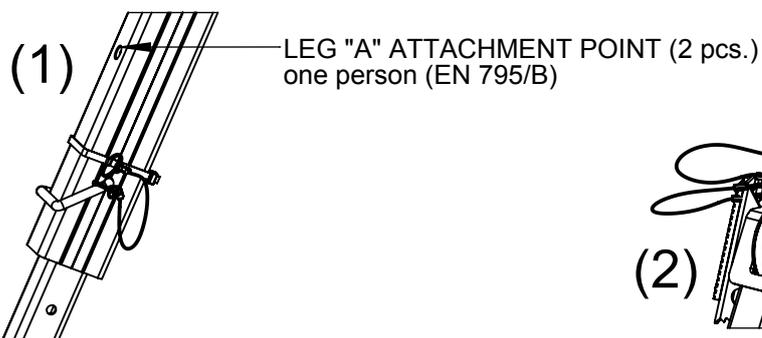
TM 14 provides protection for maximum two people at the same time.

TM14 USED AS A SAFETY TRIPOD is equipped with four attachment points used for personal protection:

- (1) side attachment points (2 pcs.)
- (2) leg "A" attachment points (2 pcs.)

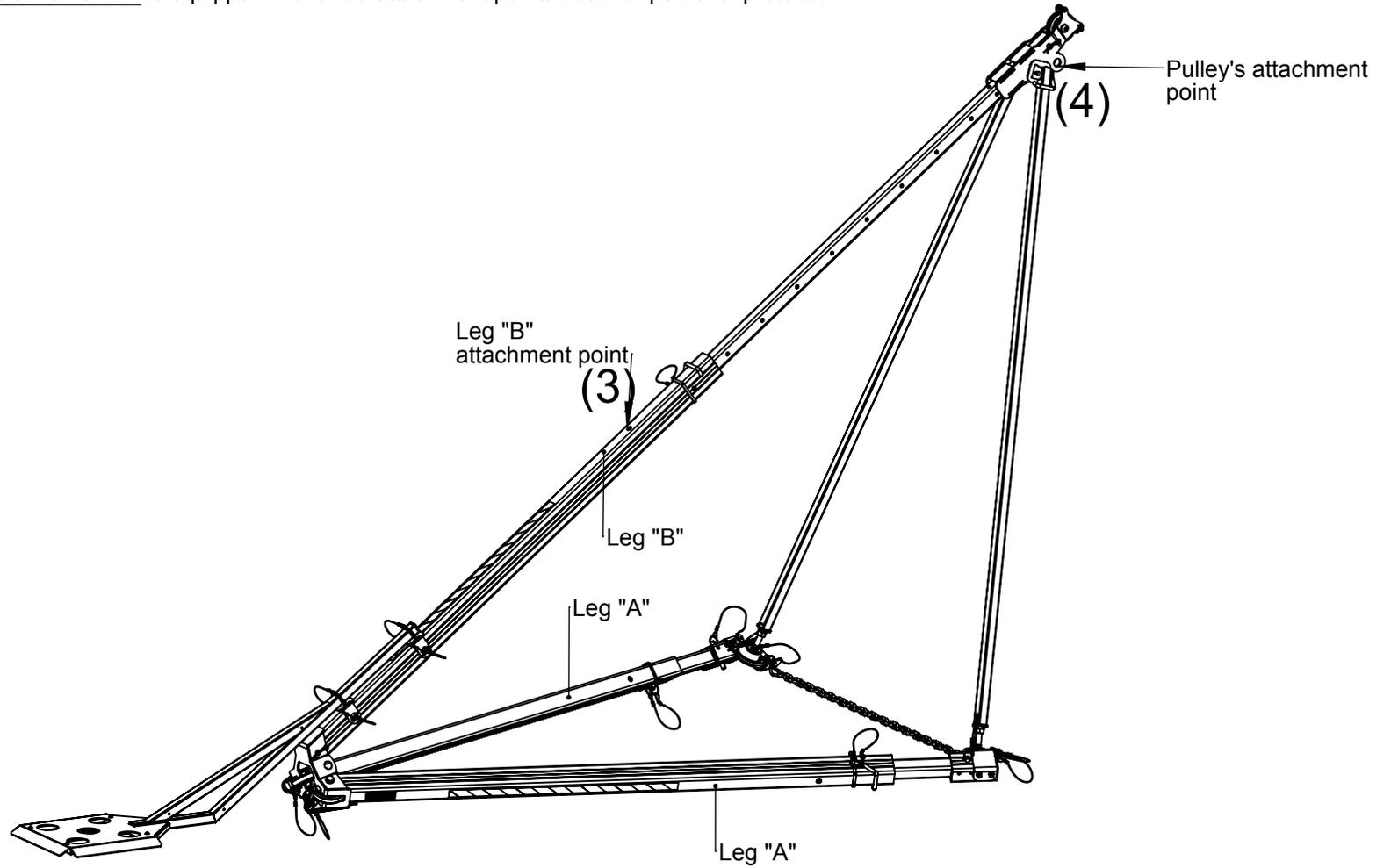


ATTACHMENT POINTS FOR PERSONAL PROTECTION FOR SAFETY TRIPOD

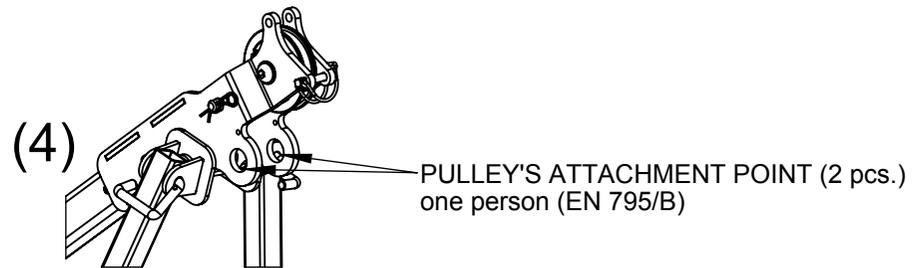
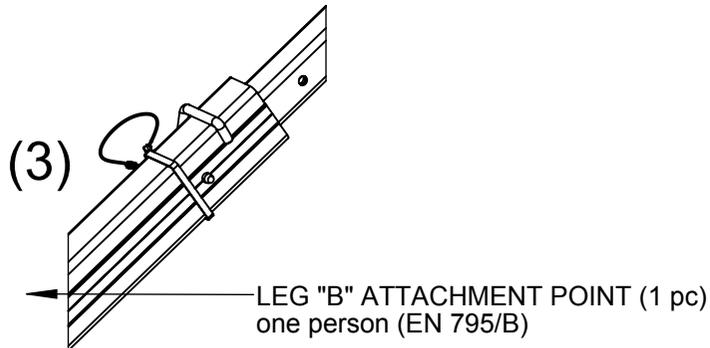


TM14 USED AS A CANTILEVER RESCUE SYSTEM is equipped with three attachment points used for personal protection:

- (3) leg "B" attachment points (2 pcs.)
- (4) Pulley's attachment points (2 pcs.)



ATTACHMENT POINTS FOR PERSONAL PROTECTION FOR CANTILEVER RESCUE SYSTEM



RULES FOR PERSONAL PROTECTION:

1. Maximum TWO people can be attached to the available anchor points at the same time.
2. Anchor points designed for personal protection should ONLY be used for personal fall protection equipment and NOT for lifting equipment.

GENERAL PRECAUTIONS

- While working PAY ATTENTION to the chain which fastens the tripod legs, as it can cause accidental tripping of the worker.
- TM 14 device in both configurations (as a safety tripod and as a cantilever rescue system) MUST NEVER BE USED without chain. Legs MUST ALWAYS BE fastened with chain.
- AVOID working where the user may swing and hit an object or where lines may cross or tangle with that of another worker in the area.
- The Maximum Arrest Force (MAF) to which a user of a Fall Arrest System (FAS), who wears a full body harness, is exposed during an arrest of his/her fall is limited by law 6 kN in EU. The system used to protect user against fall from height must include fall protection equipment reducing the Maximum Arrest Force, acting on the user while arresting the fall, to maximum value of 6kN (e.g. fall safety energy absorber with lanyard or retractable fall arrester).
- Make sure that device is installed in a upright position on a flat, stable and hard surface. The surface must support the load.
- DO NOT use TM 14 safety device for more than two people at the same time.
- It is recommended that the device should be transported and installed by minimum two people.
- The anchor device or anchor point for the fall arrest system should always be positioned, and the work carried out in such a way, as to minimize both the potential for falls and potential fall distance. The anchor device/point should be placed above the position of the user. The shape and construction of the anchor device/point shall not allowed to self-acting disconnection of the equipment. Minimal static strength of the anchor device/point is 13 kN. It is recommended to use certified and marked structural anchor point complied with EN 795.

GENERAL PRECAUTIONS FOR SAFETY TRIPOD (TYPE B)

- Fall arrest and rescue systems used with this device MUST MEET applicable EN standards requirements (EN 795 for anchor devices; EN 362 for connectors; EN 361 for full body harnesses; EN 360 for retractable type fall arresters; EN 1496 for rescue lifting devices; EN 1497 for rescue harnesses; EN 341 for descender devices).
- TM14 device in Safety Tripod configuration can be used with all EN 360 retractable type fall arresters.

GENERAL PRECAUTIONS FOR CANTILEVER RESCUE SYSTEM (TYPE E)

- The device used as cantilever rescue system (type E) should be installed ONLY on a flat, stable, horizontal surfaces surrounded by a wall or barrier.
- The surface should be dry and ice-free and devoid the elements on which device could slipping (e.g. loose stones, gravel etc.). Device should not be used when is risk of frost or in freezing conditions.
- All contaminations of surface and/or device (e.g. oil, grease, algae, loose stones, gravel etc.) should be removed before device use.
- Always use appropriate number of counterweight plates specified in TABLE 1 on Section 2.
- TM 14 device in Cantilever Rescue System can be used ONLY with CRW300 device according to the EN 360 standard.
- The potential dangers that arise when type E anchor devices are combined with energy absorbing lanyards (EN 355), which have not been tested together.
- Any combination of personal fall protection equipment with TM14 in Cantilever Rescue System (Type E) should be consulted with manufacturer of that equipment before application.

THE ESSENTIAL PRINCIPLES OF USE OF PERSONAL PROTECTIVE EQUIPMENT

- Personal Protective Equipment (PPE) shall only be used by a person trained and competent in its safe use.
- PPE must not be used by a person with medical condition that could affect the safety of the equipment user in normal and emergency use.
- A rescue plan shall be in place to deal with any emergencies that could arise during the work.
- It is forbidden to make any alterations or additions to the equipment without the manufacturer's prior written consent.
- Any repair shall only be carried out by equipment manufacturer or his certified representative.
- PPE shall not be used outside its limitations, or for any purpose other than that for which it is intended.
- PPE should be a personal issue item.
- Before use ensure about the compatibility of items equipment assembled into fall arrest system. Periodically check connecting and adjusting of the equipment components to avoid accidental loosening or disconnecting of the components.
- It is forbidden to use combinations of items of equipment in which the safe function of any one item is affected by or interferes with the safe function of another.
- It is essential for the safety of the user that if the product is re-sold outside the original country of destination the reseller shall provide instruction for use, for maintenance, for periodic examination and for repair in language of the country in which the product is to be sold.
- A full body harness (conforming EN 361) is the only acceptable body holding device that can be used in a fall arrest system.
- On full body harness use only attaching points marked with big letter "A" to attach a fall arrest system.
- It is obligatory to verify the free space required beneath the user at the workplace before each occasion of use the fall arrest system, so that, in the case of a fall, there will be no collision with the ground or other obstacle in the fall path. The required value of the free space should be taken from instruction manual of used equipment.
- There are many hazards that may affect the performance of the equipment and corresponding safety precautions that have to be observed during equipment utilization, especially:
 - trailing or looping of lanyards or lifelines over sharp edges,
 - any defects like cutting, abrasion, corrosion,
 - climatic exposure,
 - pendulum falls,
 - extremes of temperature,
 - chemical reagents,
 - electrical conductivity.

INSPECTION

Before each use of personal protective equipment it is obligatory to carry out a pre-use check of the equipment, to ensure that it is in a serviceable condition and operates correctly before it is used.

During pre-use check it is necessary to inspect all elements of the equipment in respect of any damages, excessive wear, corrosion, abrasion, cutting or incorrect acting, especially take into consideration:

- in full body harnesses and belts - buckles, adjusting elements, attaching points, webbings, seams, loops;
- in energy absorbers - attaching loops, webbing, seams, casing, connectors;
- in textile lanyards or lifelines or guidelines - rope, loops, thimbles, connectors, adjusting elements, splices;
- in steel lanyards or lifelines or guidelines - cable, wires, clips, ferrules, loops, thimbles, connectors, adjusting elements;
- in retractable fall arresters - cable or webbing, retractor and brake proper acting, casing, energy absorber, connector;
- in guided type fall arresters - body of the fall arrester, sliding function, locking gear acting, rivets and screws, connector, energy absorber;
- in connectors - main body, rivets, gate, locking gear acting;
- in tripods - legs, safety pins, eye bolts, feet, chain, connecting elements.

PERIODIC INSPECTION

After every 12 months of utilization, personal protective equipment must be withdrawn from use to carry out periodical detailed inspection. The periodic inspection must be carried out by a competent person for periodic inspection. The periodic inspection can be carried out also by the manufacturer or his authorized representative. In case of some types of the complex equipment e.g. some types of retractable fall arresters the annual inspection can be carried out only by the manufacturer or his authorized representative.

During this inspection will be established admissible time of the device use till next manufacturer's inspection.

The result of the inspection must be recorded in Identity Card.

Regular periodic inspections are the essential for equipment maintenance and the safety of the users which depends upon the continued efficiency and durability of the equipment.

During periodic inspection it is necessary to check the legibility of the equipment marking.

ADMISSIBLE TIME OF USE

The device can be used for 5 years counting from a date of putting the tripod into operation. After this period the tripod must be withdrawn from use to carry out manufacturer's detailed inspection.

The manufacturer's inspection can be carried out by:

- manufacturer
- person recommended by manufacturer
- company recommended by manufacturer.

During this inspection will be established admissible time of tripod use till next manufacturer's inspection and recorded in Identity Card.

WITHDRAWAL FROM USE

Personal protective equipment must be withdrawn from use immediately when any doubt arise about its condition for safe use and not used again until confirmed in writing by equipment manufacturer or his representative after carried out the detailed inspection.

WITHDRAWN FROM USE AFTER ARRESTING A FALL

Device must be withdrawn from use immediately when it have been used to arrest a fall. After that must be carried out detailed manufacturer's inspection of the tripod.

The manufacturer's inspection can be carried out by:

- manufacturer
- person recommended by manufacturer
- company recommended by manufacturer.

During this inspection will be established if the tripod can be longer used and will be define the admissible time of tripod use till next manufacturer's inspection and recorded in Identity Card.

TRANSPORTATION

Personal protective equipment must be transported in the package (e.g.: bag made of moisture-proof textile or foil bag or cases made of steel or plastic) to protect in against damage or moisture.

MAINTENANCE AND STORAGE

The equipment can be cleaned without causing adverse effect on the materials in the manufacture of the equipment. For textile products use mild detergents for delicate fabrics, wash by hand or in a machine and rinse in water. Plastic parts can be cleaned only with water. When the equipment becomes wet, either from being in use or when due cleaning, it shall be allowed to dry naturally, and shall be kept away from direct heat. In metallic products some mechanic parts (spring, pin, hinge, tec.) can be regularly slightly lubricated to ensure better operation. Other maintenance and cleaning procedures should be adhered to detailed instructions stated in the manual of the equipment.

Personal protective equipment should be stored loosely packed, in a well-ventilated place, protected from direct light, ultraviolet degradation, damp environment, sharp edges, extreme temperatures and corrosive or aggressive substances.

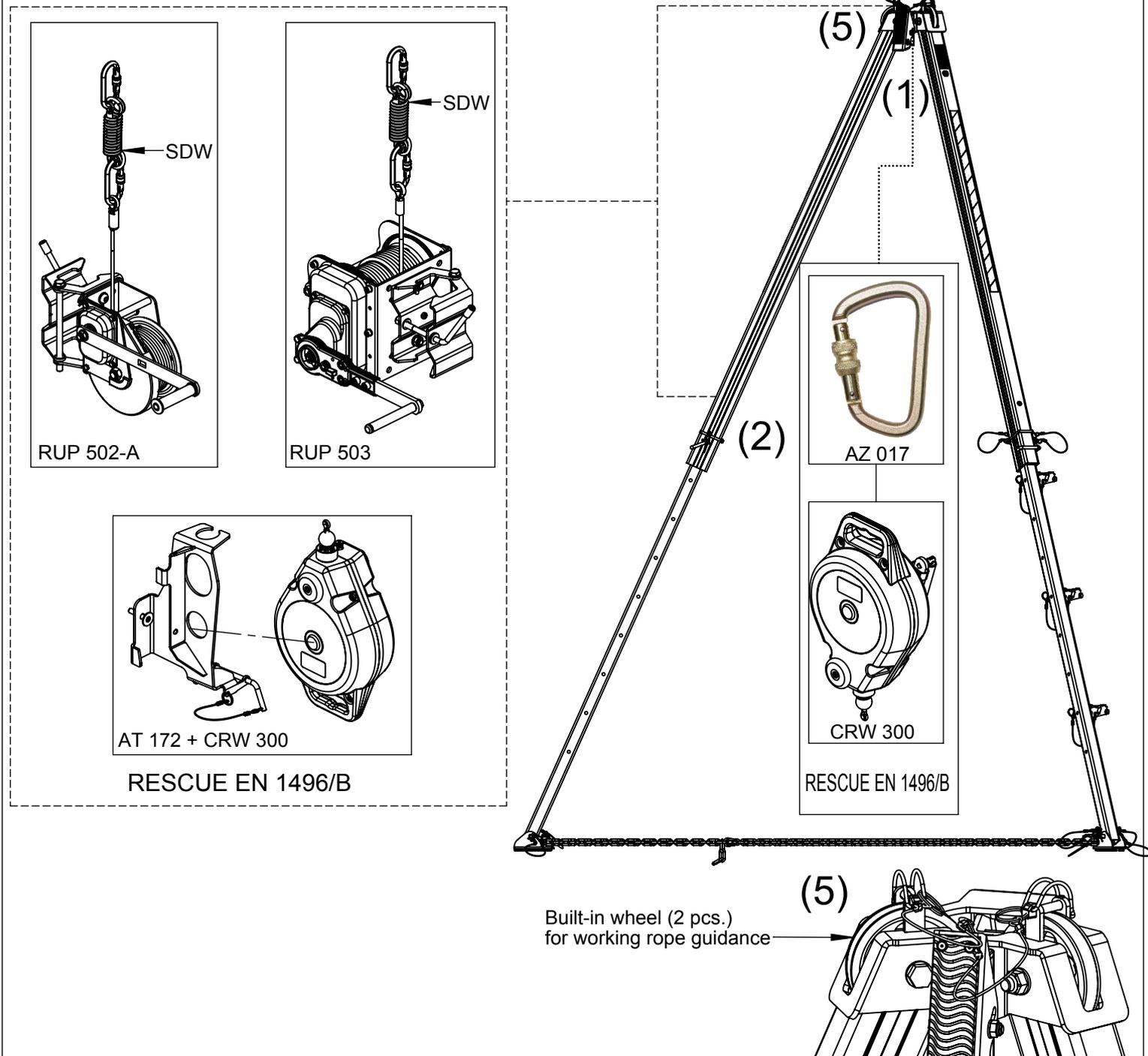
SECTION 4 - RESCUE ACCORDING TO EN 1496/B

GENERAL PRECAUTIONS FOR RESCUE:

- Secondary fall arrest system (conforming EN 363) must be used when working with the TM 14 and RUP 502-A / RUP 503.
- Fall arrest and rescue system used with this device MUST MEET applicable EN standards requirements (EN 795 for anchor devices; EN 362 for connectors; EN 361 for full body harnesses; EN 360 for retractable type fall arresters; EN 1496 for rescue lifting devices; EN 1497 for rescue harnesses; EN 341 for descender devices).
- For rescue purposes with RUP 502-A or RUP 503 rescue lifting devices always use SDW energy absorber (component of RUP 50x lifting devices).
- For rescue purposes with RUP 502-A, RUP 503 or CRW 300 (with AT 172 fixing adapter) locking pin MUST BE embedded in locking hole. Only then rescue lifting device can be safely and firmly installed on the reinforced hexapod leg.

USAGE TM 14 AS SAFETY TRIPOD FOR RESCUE PURPOSES

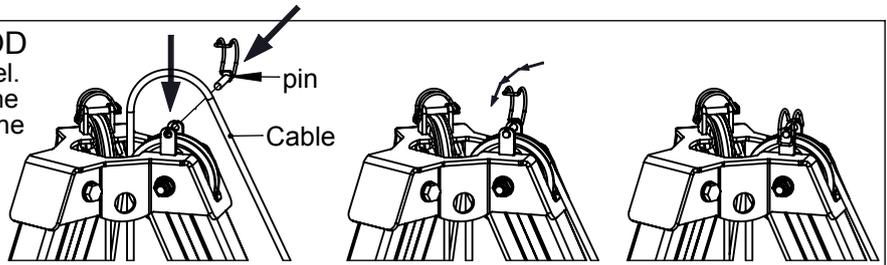
TM 14 AS SAFETY TRIPOD can be used for rescue purposes in conjunction with RUP 502-A / RUP 503 / CRW 300 rescue lifting devices.



| TM 14 Safety Tripod+ equipment | RUP 502-A | RUP 503 | AT 172 + CRW 300 | AZ 017 + CRW 300 |
|---------------------------------------|-----------|---------|------------------|------------------|
| Standard | EN 1496/B | | | |
| Attachment point(s) in use | (2) (5) | (2) (5) | (2) (5) | (1) |
| Max. number of users at the same time | 1 | 2 | 1 | 1 |
| Working Load Limit | 140 kg | 200 kg | 140 kg | 140 kg |

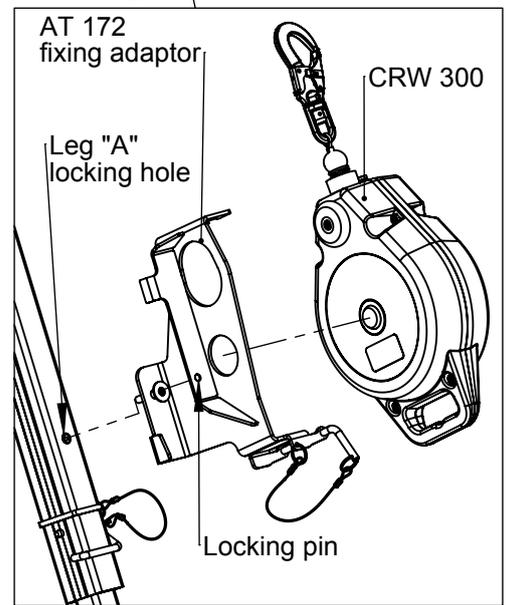
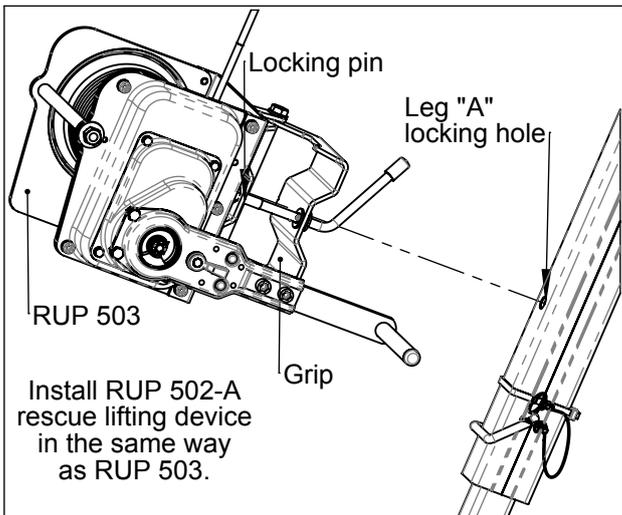
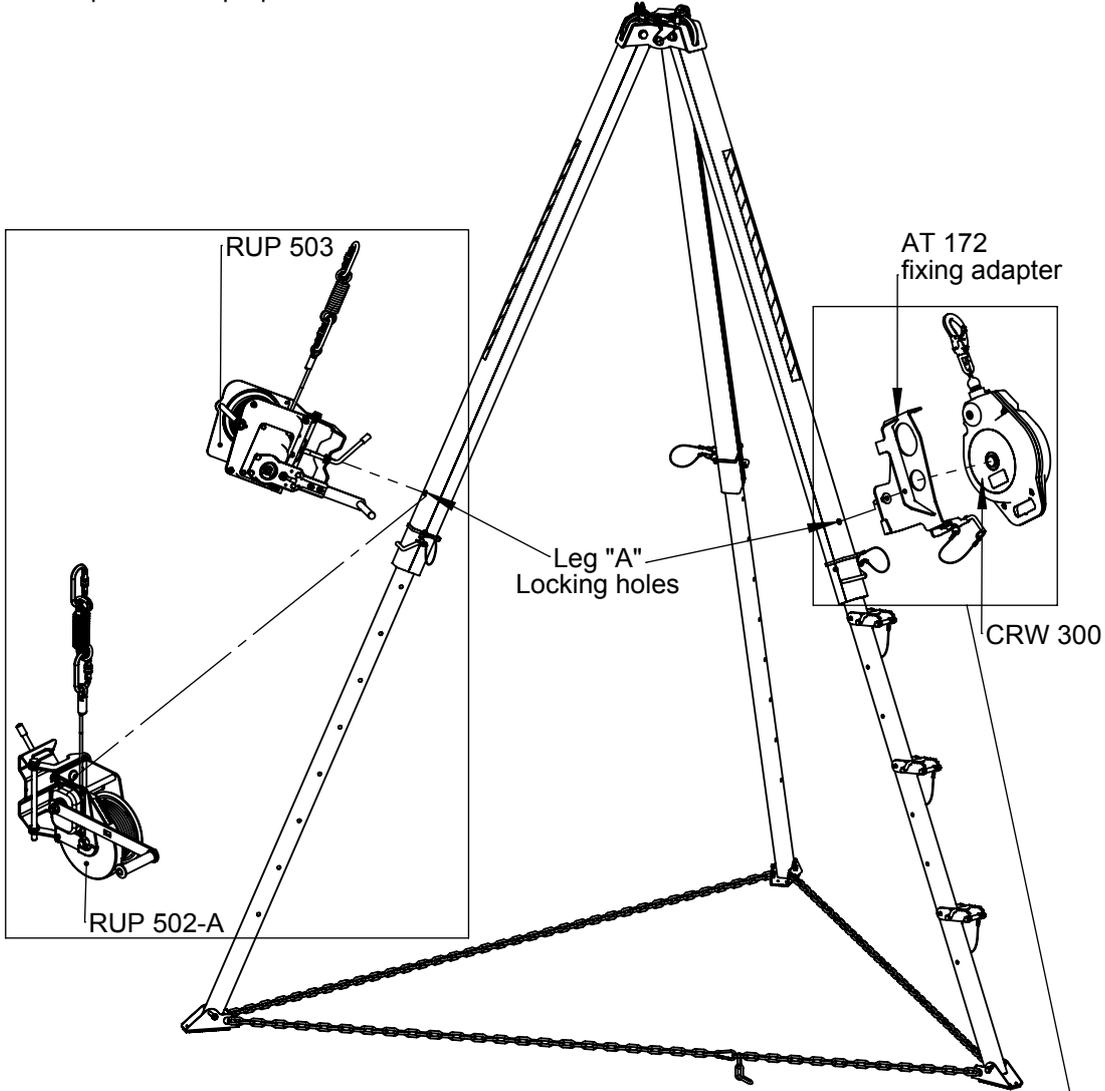
INSTALLING CABLE ON A SAFETY TRIPOD

- Remove the pins installed over the built-in wheel.
- Put the working rope of the hosting device on the built-in wheel. Put the end of the rope through the opening in the head.
- Put the pins in hole and secure them with the cotter.
- Check that the cable is correctly placed on the head built-in wheel.



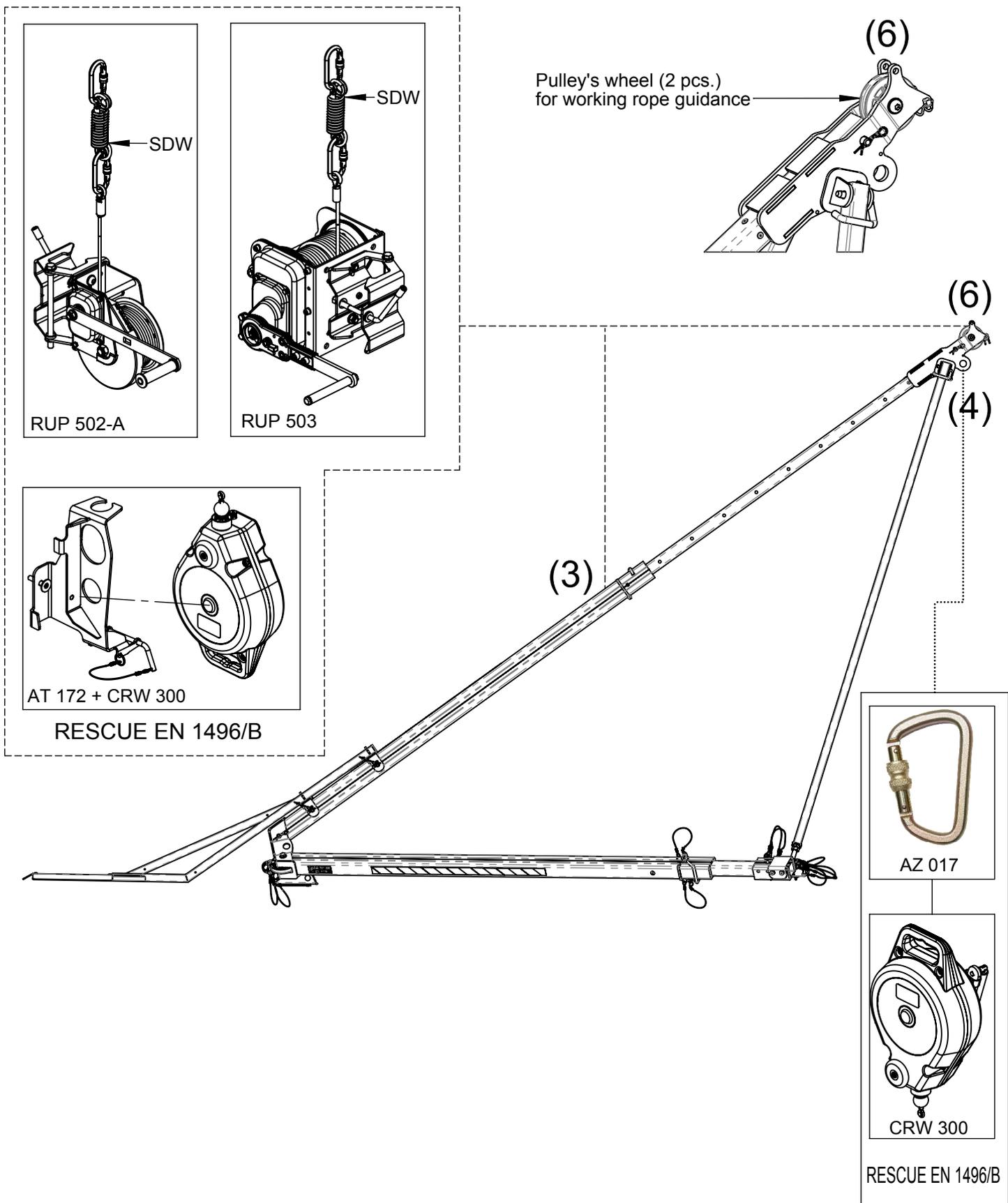
INSTALLING RESCUE LIFTING DEVICES ON A SAFETY TRIPOD

The TM14 safety tripod can be used with RUP502-A, RUP503 and CRW300 rescue lifting devices. Above mentioned devices should be installed on the tripod "A" legs. The grip of the RUP502-A / 503 and fixing adapter AT 172 of CRW300 should be fastened on the locking hole situated on the outer wall of the leg "A" profile. Working rope should pass through the head built-in wheel and head top hole. For proper and safe installation and use of the RUP502-A and RUP503 and CRW300 follow their manuals.



USAGE TM 14 AS CANTILEVER RESCUE SYSTEM FOR RESCUE PURPOSES

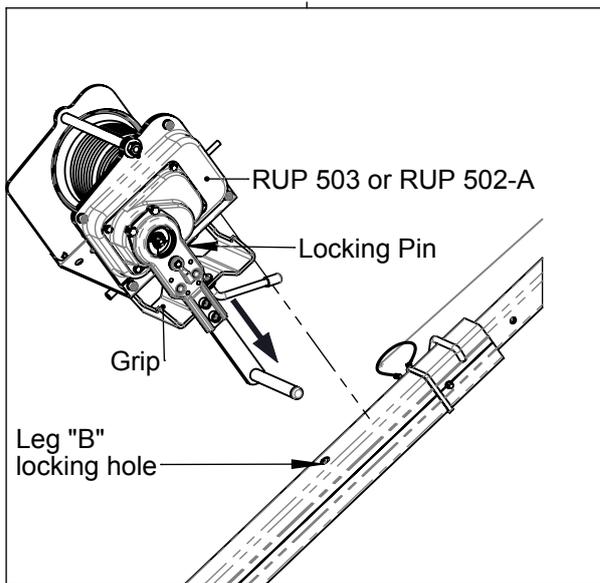
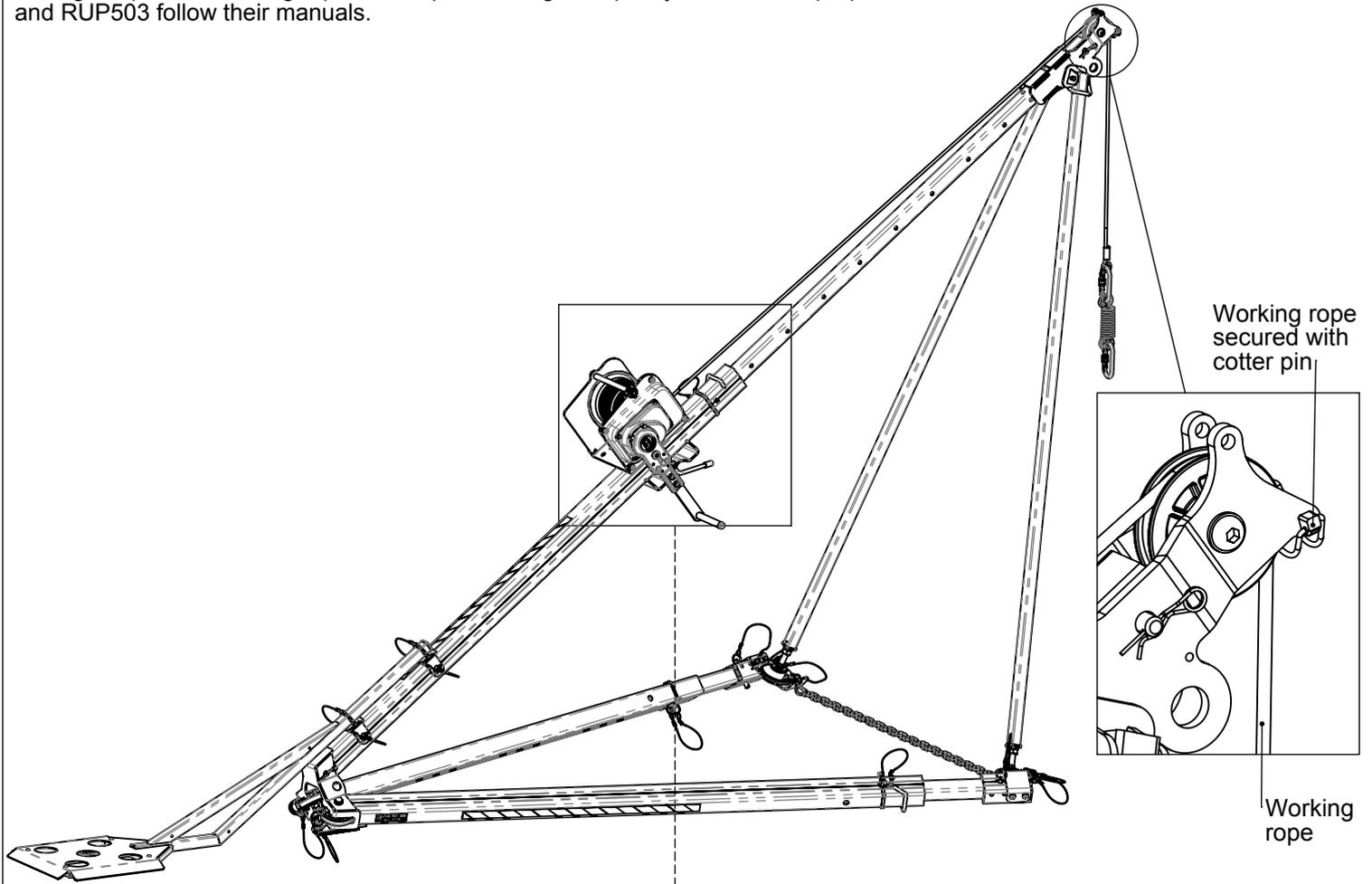
TM 14 AS CANTILEVER RESCUE SYSTEM can be used for rescue purposes in conjunction with RUP 502-A / RUP 503 / CRW 300 rescue lifting devices.



| TM 14 Cantilever rescue system + equipment | RUP 502-A | RUP 503 | AT 172 + CRW 300 | AZ 017 + CRW 300 |
|--|-----------|---------|------------------|------------------|
| Standard | EN 1496/B | | | |
| Attachment point(s) in use | (3) (6) | (3) (6) | (3) (6) | (4) |
| Max. number of users at the same time | 1 | 2 | 1 | 1 |
| Working Load Limit | 140 kg | 200 kg | 140 kg | 140 kg |

INSTALLING RUP-series RESCUE LIFTING DEVICES ON A CANTILEVER RESCUE SYSTEM

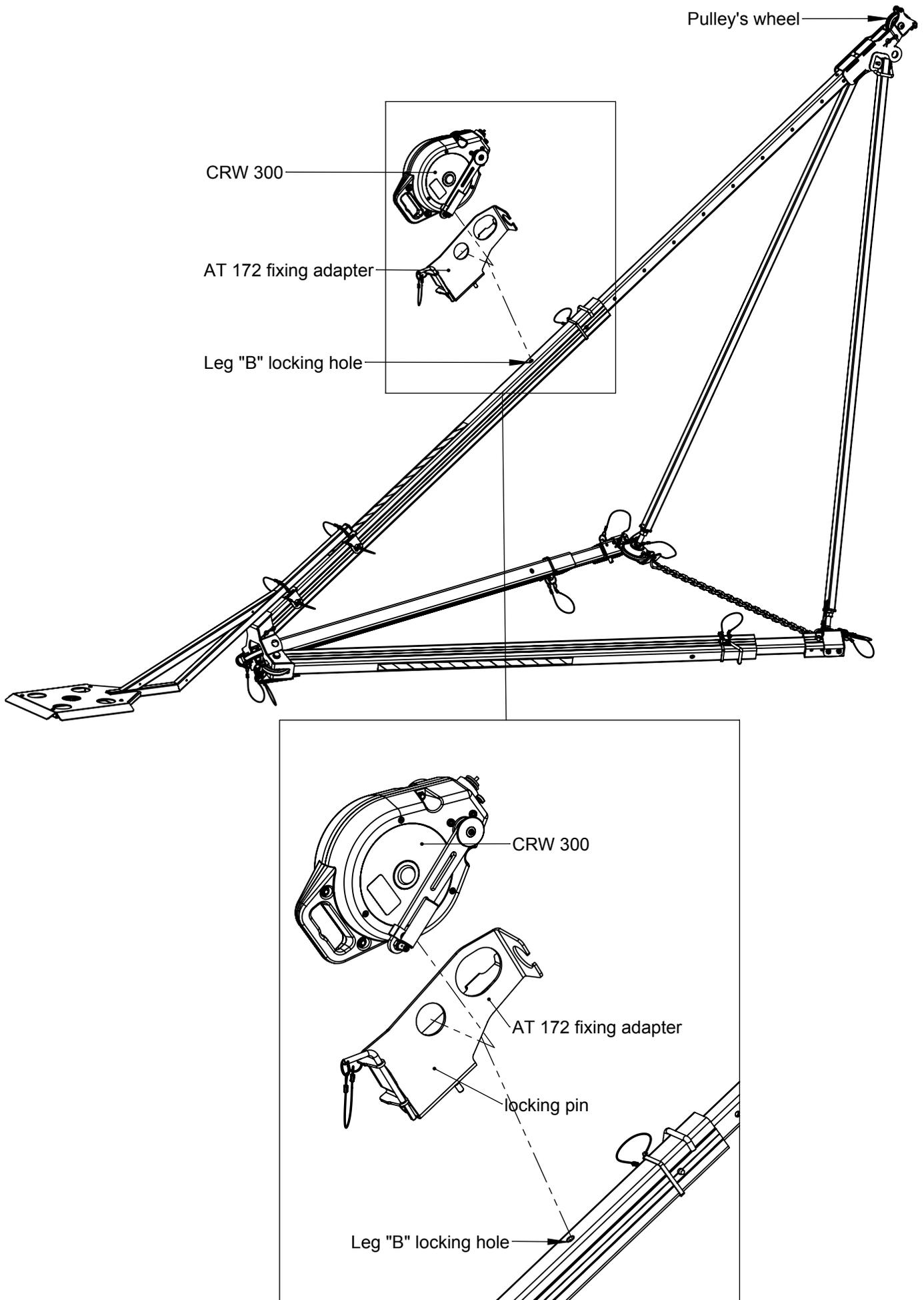
The cantilever rescue system can be used with RUP502-A, RUP503 rescue lifting devices. Above mentioned devices should be installed on the device "B" leg. The grip of the RUP502-A / 503 should be fastened on the locking hole situated on the outer wall of the leg "B" profile. Working rope should pass through the pulley's wheel. For proper and safe installation and use of the RUP502-A and RUP503 follow their manuals.



Install RUP 502-A
rescue lifting device
in the same way
as RUP 503

INSTALLING CRW 300 RESCUE LIFTING DEVICES ON A CANTILEVER RESCUE SYSTEM

The tripod can be used with CRW 300 rescue lifting device. Above mentioned device should be installed on the device "B" leg. The fixing adapter AT 172 of CRW 300 should be fastened on the locking hole situated on the outer wall of the leg "B" profile. Working rope should pass through the pulley's wheel. For proper and safe installation and use of the CRW 300 follow it manual.



NOTES

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IDENTITY CARD

IT IS RESPONSIBILITY OF THE USER ORGANISATION TO PROVIDE THE IDENTITY CARD AND TO FILL IN THE DETAILS REQUIRED. THE IDENTITY CARD SHOULD BE FILLED IN ONLY BY COMPETENT PERSON RESPONSIBLE FOR PROTECTIVE EQUIPMENT. THE IDENTITY CARD SHOULD BE FILLED IN BEFORE THE FIRST USE OF THE EQUIPMENT. ANY INFORMATION ABOUT THE EQUIPMENT LIKE: PERIODIC INSPECTIONS, REPAIRS, REASONS OF EQUIPMENT'S WITHDRAWN FROM USE SHALL BE NOTED. THE IDENTITY CARD SHOULD BE STORED DURING A WHOLE PERIOD OF EQUIPMENT UTILIZATION. DO NOT USE THE EQUIPMENT WITHOUT THE IDENTITY CARD.

| | |
|------------------------------------|--|
| MODEL AND TYPE OF EQUIPMENT | |
| REF. NUMBER | |
| SERIAL NUMBER | |
| DATE OF MANUFACTURE | |
| DATE OF PURCHASE | |
| DATE OF FIRST USE | |
| USER NAME | |

PERIODIC EXAMINATION AND REPAIR HISTORY

| | DATE | REASON FOR SERVICING / REPAIR | REPAIRS CARRIED OUT | NAME AND SIGNATURE OF COMPETENT PERSON | DATE OF NEXT EXAMINATION |
|---|-------------|--------------------------------------|----------------------------|---|---------------------------------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |

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