



Instruction for use VERTICAL LIFELINE P-LINE-V2



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 instructions for use, for maintenance, for periodic examination and for repair in the language of the country in which the product is to be used. These documents can be provided on request by contacting the manufacturer.

It must be read and understood by each person before the use and/or assembly of the product. If there is any doubt, any problem of understanding, or if a problem arises and its subject is not explained in this document, check with the representative of PIRI SAFE or directly with the technical department of PIRI SAFE.

This notice must always be available and accessible by the user. Any activity at heights is dangerous and can cause accidents, serious injury or death. Practice, as well as learning technics for using the appropriate equipment are your responsibility.

To use P-LINE-V2 safely, the user must be trained and competent, must be physically healthy and not under the influence of alcohol or drugs.

The use of P-LINE-V2 is formally prohibited if the product is improperly installed or damaged. It should not be used beyond its limits or in any situation other than the one for which it is intended.

Any modification of the equipment or any addition to the equipment cannot be made without the prior written consent of PIRI SAFE, and any repairs must be carried out in accordance with the operating procedures of PIRI SAFE.

Before any use of the anchor, a rescue plan must be put in place to deal with any emergency that may occur during labour. It should, of course, be considered before and during use that this potential rescue be carried out effectively and safely.

1. Conformity

The equipment P-LINE V2 conforms to the requirement of the standard EN 353-1:2014 + A1:2017 and European Regulation 2016/425. The system has been tested for use of 3 people according to coordination sheet PPE-R11.119.

The UE examination type and Module C2 control is conducted by the following notify body:



UE examination type number : 0123456

For any question you can use the following contact address

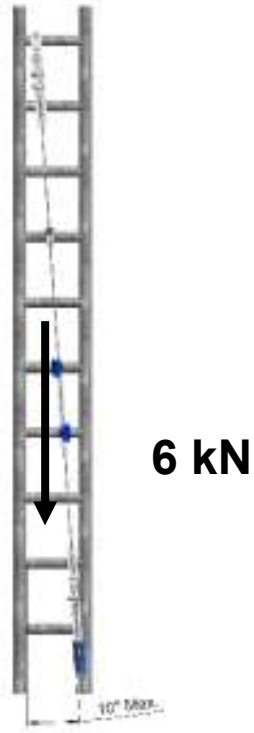


You can find the CE declaration of conformity is in www.pirisafe.com

2. Main Characteristics

Important: Being tested and certified together, only the mobile fall arrester Piton Plus Cable Grab is allowed on the rigid anchor line P-LINE-V2 Vertical Lifeline. For anchor lines made from wire rope, an advice, that every user can be influenced and fall due to the movement of the anchor line initiated by the other user

- Number of user allowed: 3 person
- Minimum distance between the users: 3 meters
- Sideway leaning angle allowed: +/- 10°
- Forward leaning angle allowed: 10°
- Minimum allowable mass of the user included tool and equipment: 50 kg
- Maximum allowable mass of the user included tool and equipment: 150 kg
- Effort transmitted parallel to the structure in case of a fall: 6 kN
- Minimum temperature of use: -30°C
- Maximum span allowed with PS-VL-I2 Intermediate: 10 m
- Maximum length of rigid anchor line: 200 meters



3. Use

3.1. Preliminary checks.

Before each use check that all security elements are in good condition because the security function of one item is affected by the security function of another item or may interfere with it.

Warning:

It is essential to check the required free space under the user in the workplace, so that in the event of a fall, there is no collision with the ground, no other obstacle set on the path of the fall.

It is essential for safety reasons that the anchor device is always properly positioned, and the work is done in such a way as to minimize the risk of falls and the height of the fall.

Before any intervention the user must check:

- That the Piton Plus Cable Grab mobile fall arrester and his connector and the full body harness are in good condition.
- The energy absorber of the cable grab is not deployed
- The connector closes automatically.
- The Piton Plus Cable Grab mobile fall arrester must move easily on the cable when moved upwards.
- The Piton Plus Cable Grab mobile fall arrester must automatically lock on the cable under a manual downward action.
- The fasteners and the lower end stop are undamaged and secured
- The cable has no defects or torn failures
- The rigid anchor lifeline is stretched correctly

it is essential for safety that equipment is withdraw from use immediately if:

- 1) any doubt arises about its condition for safe use or;**
- 2) it has been used to arrest a fall and not used again until confirmed in writing by a competent person that it is acceptable to do;**

3.2. Generalities

The P-LINE V2 Vertical Lifeline is designed to be installed on a ladder conforms to the standard EN 14122-4, with a minimum strength of the rung at 15 kN. During the ascent or descent, the Piton Plus Cable Grab mobile fall arrester slides freely on the cable. In the event of a fall, the locking cam blocks the cable against the body of the Piton Plus Cable Grab mobile fall arrester and stops the fall. For safety, all points in the rigid anchor line at which the fall arrester could exit the rigid support are equipped with a Type A and B end stop.

The P-LINE V2 Vertical Lifeline should not be used beyond its limits, or in any situation other than the one for which it is intended, i.e. stop a fall. It should only be used by a trained person, competent in good physical shape, not subject to vertigo and not under the influence of alcohol or drugs for safe and emergency normal use.

Before any use of the anchor, a rescue plan must be put in place to deal with any emergency that may occur during labor. It should, of course, be considered before and during use that this potential rescue be carried out effectively and safely.

The user must be equipped with a full body harness conforms to the standard EN 361, the only acceptable body holding device that can be used in a fall arrest system. The full body harness should be properly adjusted (according to the instruction from the manufacturer) to a snug fit and should not be used if loose.

the Piton Plus Cable Grab mobile fall arrester must be connected to a front fall arrest attachment point of the full body harness noted A or to the 2-half front fall arrester attachments noted A/2. If the harness becomes loose during ascent or descent, it should be correctly adjusted again from a secured position.

A feature system is included in the Piton Plus Cable Grab mobile fall arrester protect against incorrect orientation, then a specific marking on Piton Plus Cable Grab mobile fall arrester completes it by indicating the direction of use for the ascent.

Using Cable Grab

Piton Plus Cable Grab can be installed on and removed from any point of the line.

In order to install Piton Plus Cable Grab onto the system:

- * Open the latch of the Piton Plus Cable Grab and place it onto the line.
- * Place a PK-1-3CP Karabiner onto Piton Plus Cable Grab
- * Piton Plus Cable Grab cannot be reversed.

After attaching the Piton Plus Cable Grab onto the system, an appropriate PPE for working at height must be used. Make sure that all the components are compatible with whole system.



Warning: It should not be used that way.



For the two first meter, the user cannot be protected against fall from height and can hit the ground. It is a matter of taking extra precautions when climbing or descending this part.



After use, the Piton Plus Cable Grab mobile fall arrester must be transported in a package (cloth bag, plastic box) protecting it from products that can damage it (e.g. acid,...), from friction, shocks, vibrations, or from any other risk that could interfere with its proper functioning. It should be stored in a cool, dry and airy place away from the sun.

3.3. Prohibited uses

Engaging the guided type fall arrester's release function or handling the guided type fall arrester during ascent or descent could hinder the safe operation of the braking mechanism and should be done only from a safe position where there is no risk of a fall

It is forbidden to connect or disconnect from the rigid anchor line; it shall be done from a safe place or by using a separate personal fall protection system

It is forbidden to use the Piton Plus Cable Grab mobile fall arrester for work positioning and that if work positioning is required, a separate system shall be used

It is strictly forbidden to modify the length of the connecting element on the Piton Plus Cable Grab mobile fall arrester by adding or subtracting.

It is forbidden to use the equipment in rescue situations.

It is forbidden to install equipment in an aggressive or highly corrosive atmosphere (for example, above a swimming pool) due to the risk of corrosion cracking under invisible stress, unless specific control measures are implemented, or compatibility is established

It is forbidden to use the equipment in a high humid condition when raining and in case of lightning.

4. Marking

Panel near the rigid anchor line:



KULLANIM ÖNCESİ KILAVUZU
OKUYUN !




P LINE
YAŞAM HATTI

YÜKSEKTEN DÜŞMEYE KARŞI EKİPMAN KULLANIMI (YAŞAM HATTI) BU NOKTADA BAŞLAR.

- ▲ Yalnızca eğitimli personel kullanabilir.
- ▲ Her kullanımdan önce kılavuzdaki talimatlara göre kontrol edilmelidir.
- ▲ Sistemde düşme yaşandıysa hizmet dışı bırakılmalıdır.
- ▲ Sistemin bileşenleri hiçbir şekilde değiştirilmemelidir.
- ▲ Sistem, kimyasal veya termal etkilere maruz bırakılmamalıdır.

UYARI! Üzerindeki talimatlarına uymadığınızda yaralanma ve ölüme neden olabilir. İşiniz için PIRISAFE ile iletişime geçin.

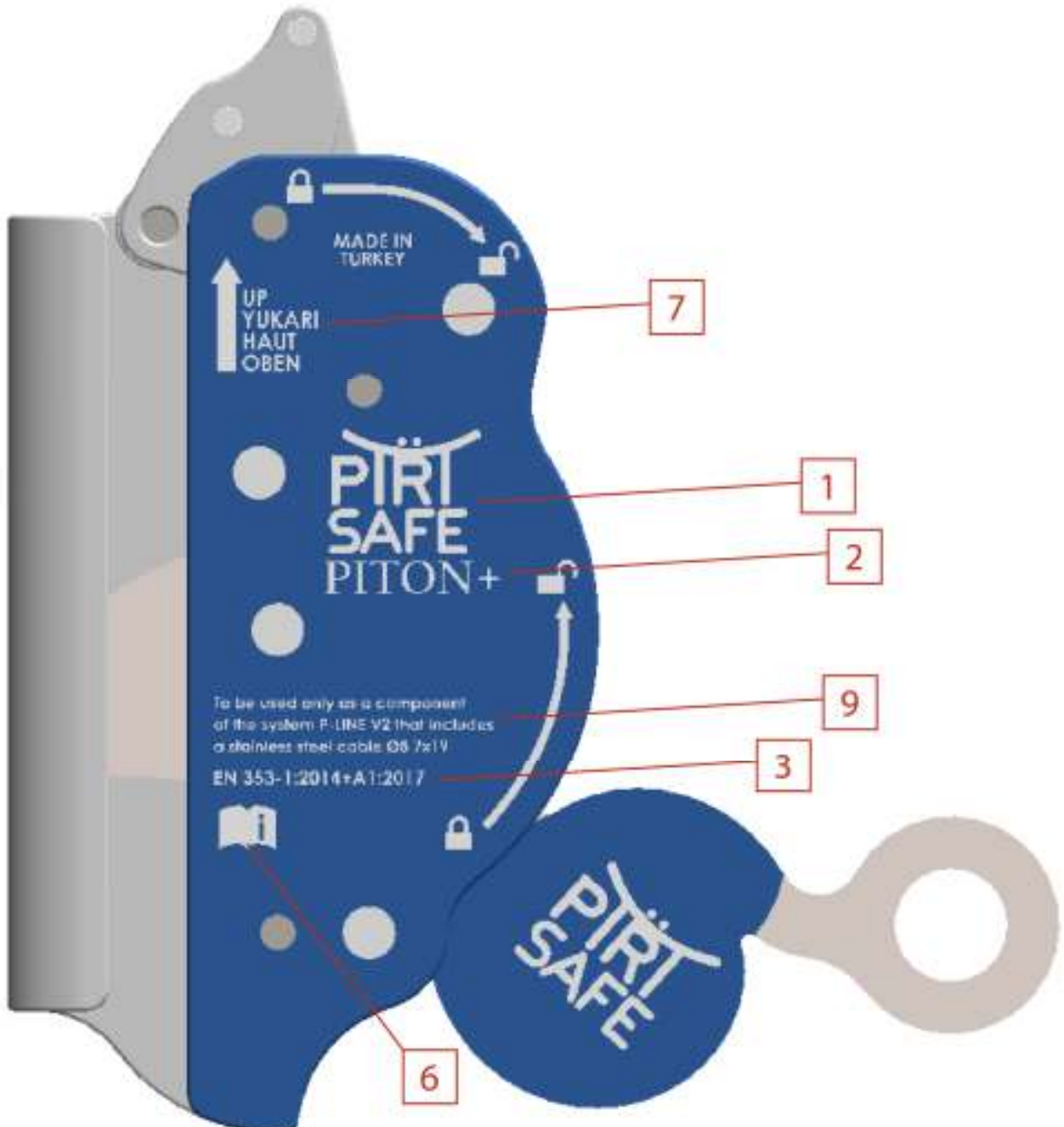
ÜRÜN KİMLİK NUMARASI	ÜRÜN MODELİ				
	H1 Yatay	H2 Yatay	V1 Dikey	V2 Dikey	
 	Standard :	FN795C	FN795C	FN353-1-3014	FN353-1-3014
		CEN1316415	CEN1316415	EN131:2017	EN131:2017
Kapasite :	6	4	1	3	
Kullanılan Sistem :	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

İLK KULLANIM TARİHİ:	SONRAKİ KONTROL TARİHİ:	SONRAKİ KONTROL TARİHİ:
 <p>SİSTEMİ KURAN:</p>	 <p>KONTROL EDEN:</p>	 <p>KONTROL EDEN:</p>
İMZA:	İMZA:	İMZA:

On the mobile fall arrester:

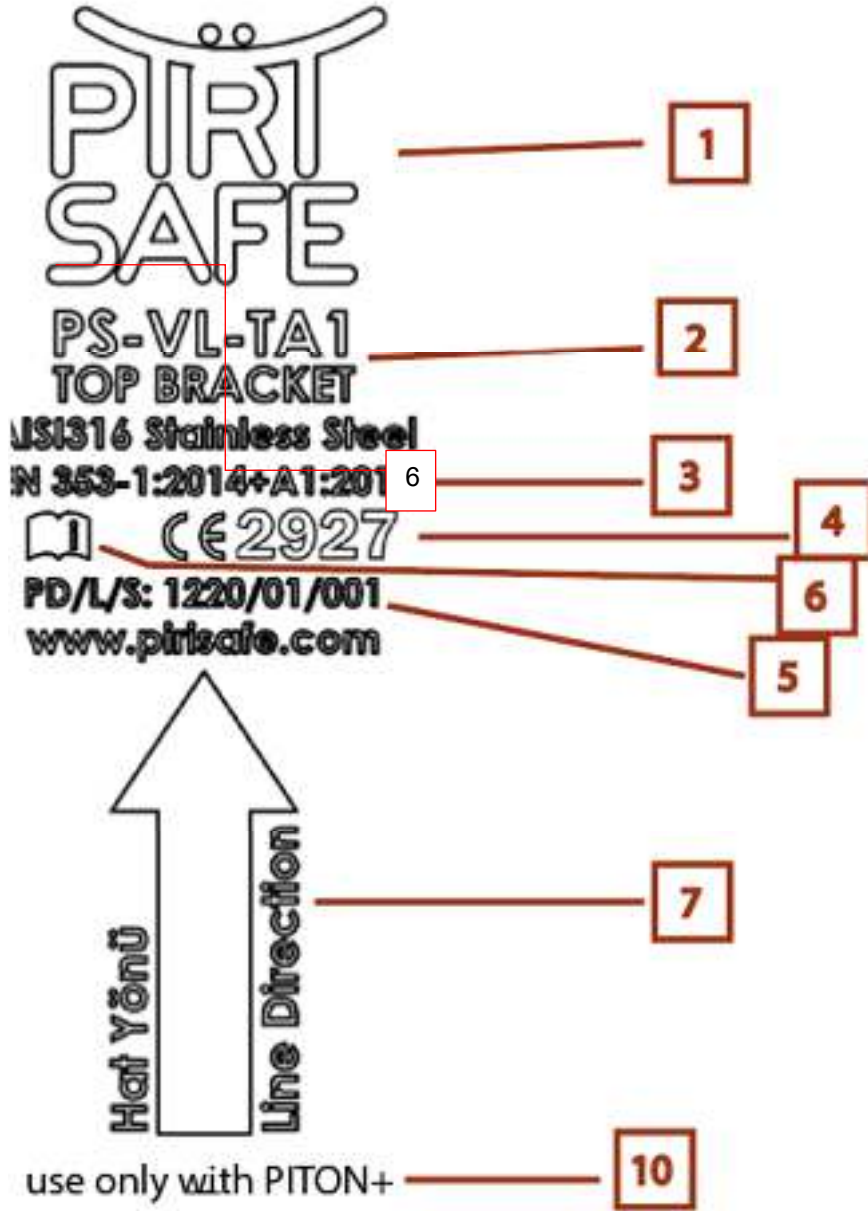
1. Trademark
2. Product Name
3. Standard
4. Notified Body Number (CE must be a minimum of 5 mm)
5. Product Date and Serial Number
6. Read User Guide
7. Arrow
8. Minimum and maximum weight allowed tool and equipment included
9. To use only with P-LINE-V2
10. Use only with PİTON PLUS

1.Piton Plus Cable Grap

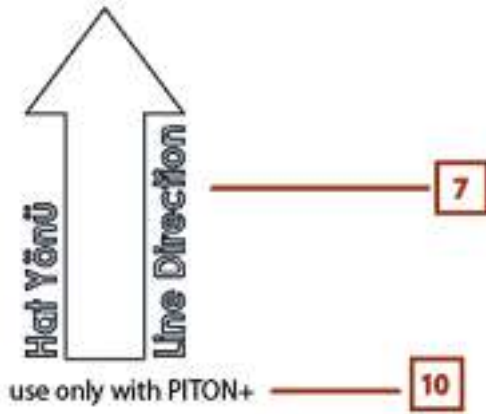




2. PS-VL-TA1 TOP ANCHOR

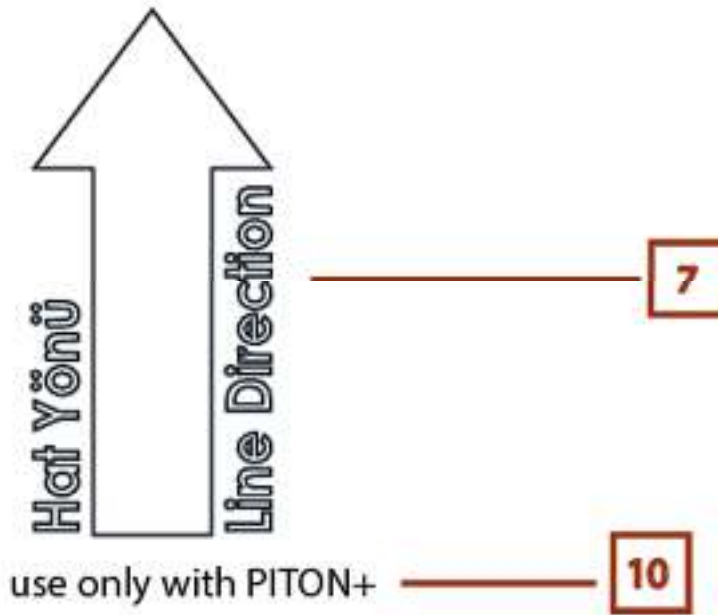


3. PS-VL-BA1 BOTTOM ANCHOR



4.PS-VL-ETA1 Ladder Extension

4. PS-VL-ETA1 Ladder Extension



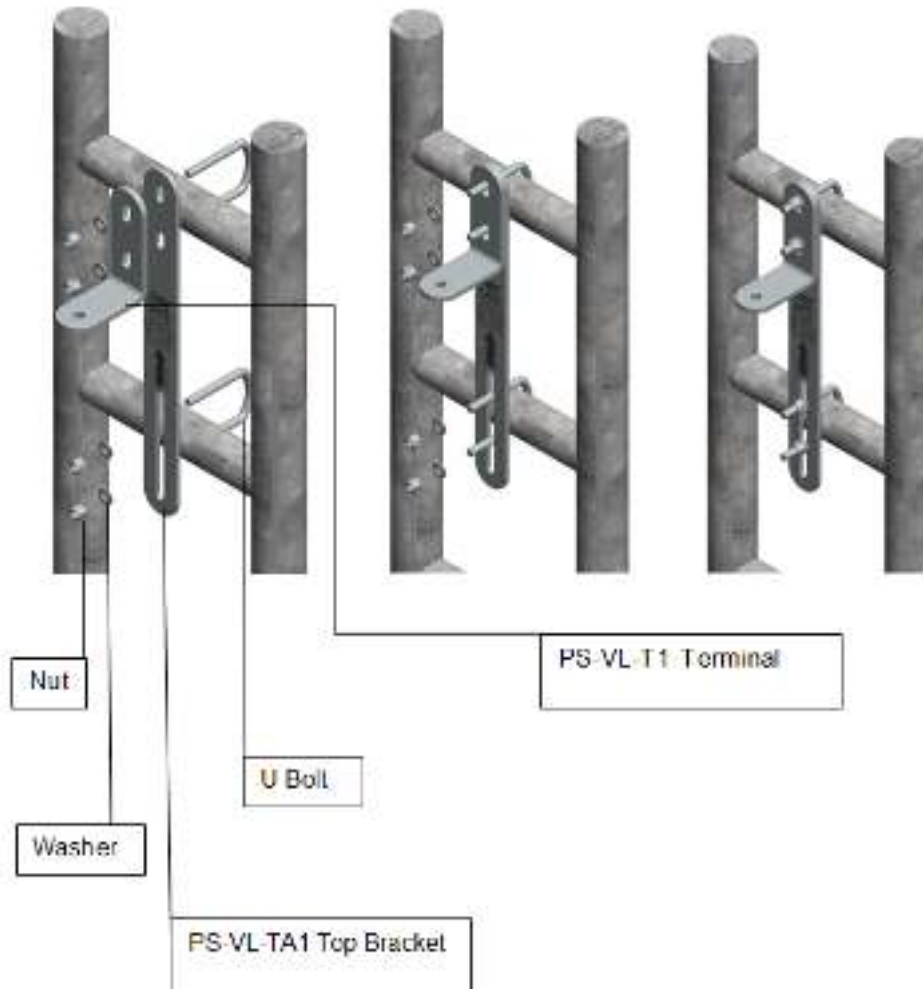
Any modification of the equipment or any addition to the equipment cannot be made without the prior written consent of PIRI SAFE. Any repairs are forbidden. If in doubt about the condition of the product, replace it with an original part from PIRI SAFE.

5. INSTALLATION

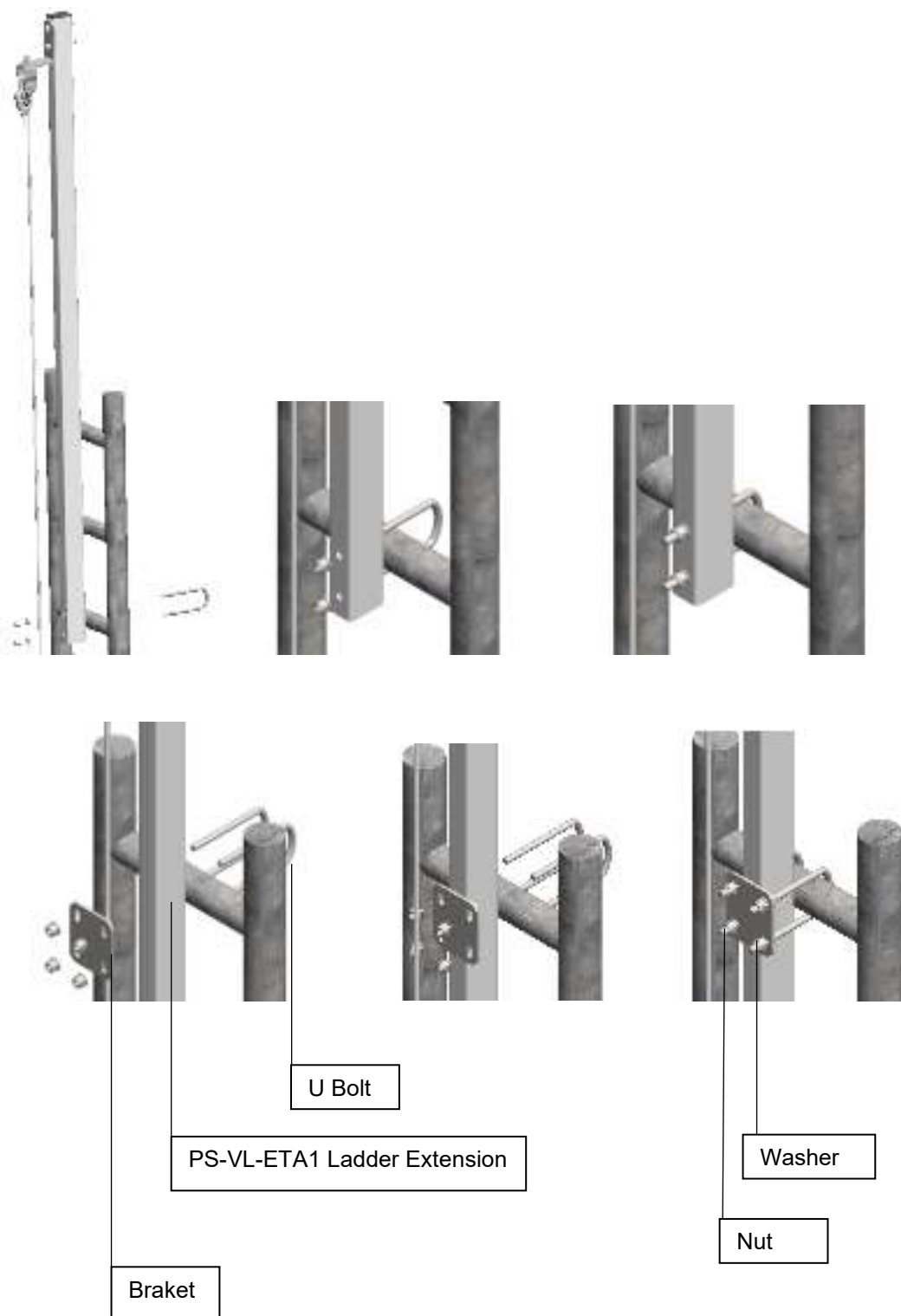
The installation of the anchoring device must be carried out by installers who have been approved or trained by PIRI SAFE in accordance with the specifications of PIRI SAFE below:

1. Installation of PS-VL-TA1 Top Bracket or PS-VL-ETA1 Ladder Extension

PS-VL-TA1 Terminal Anchor Bracket installation is done with U bolt, washer and nut. The installation is completed with Ø19 mm wrench.

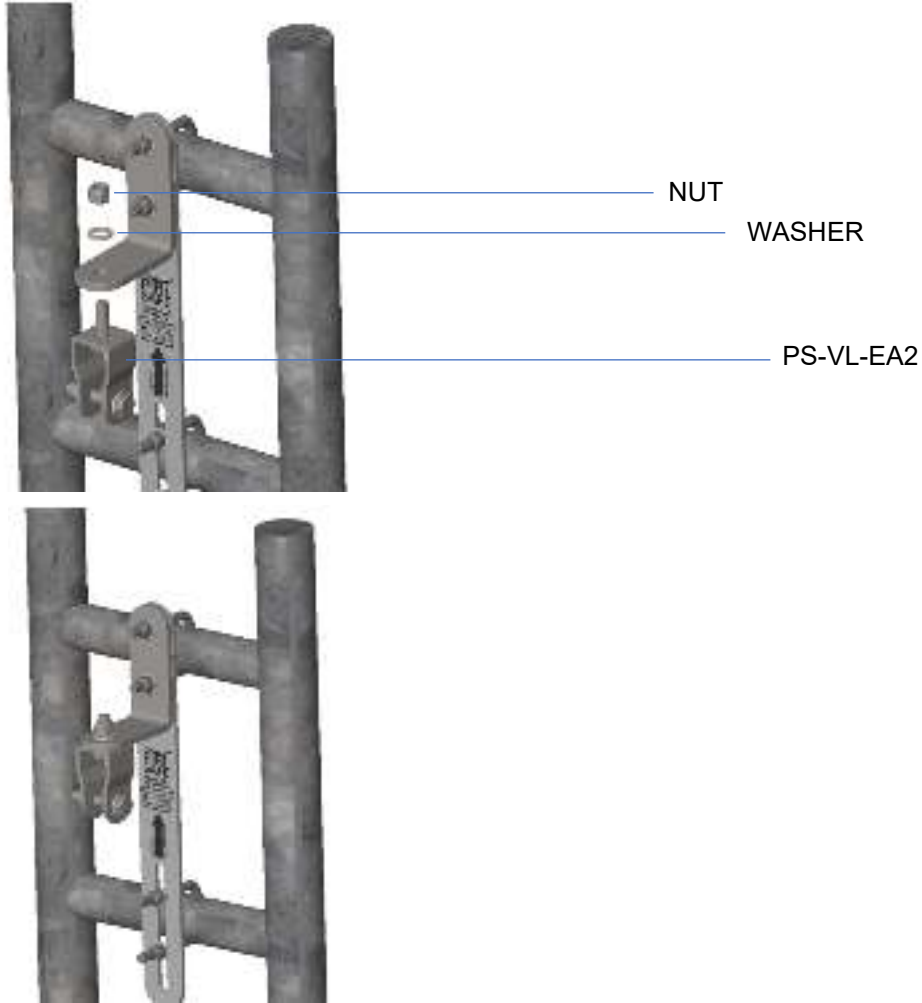


PS-VL-ETA1 Ladder Extension installation is done with U bolt, braket, washer and nut. The installation is completed with Ø19 mm wrench.



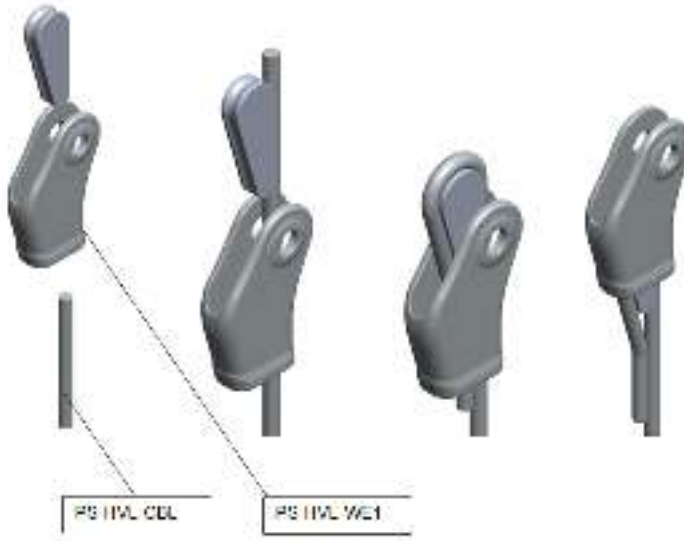
2.Installation of PS-VL-EA2 Connection U Bracket

PS-VL-EA2 Connection U Bracket installation is done with washer and nut. The installation is completed with Ø19 mm wrench.



3.Installation of PS-HVL-WE1 Wire Ending

PS-HVL-WE1 is assembled as follows.

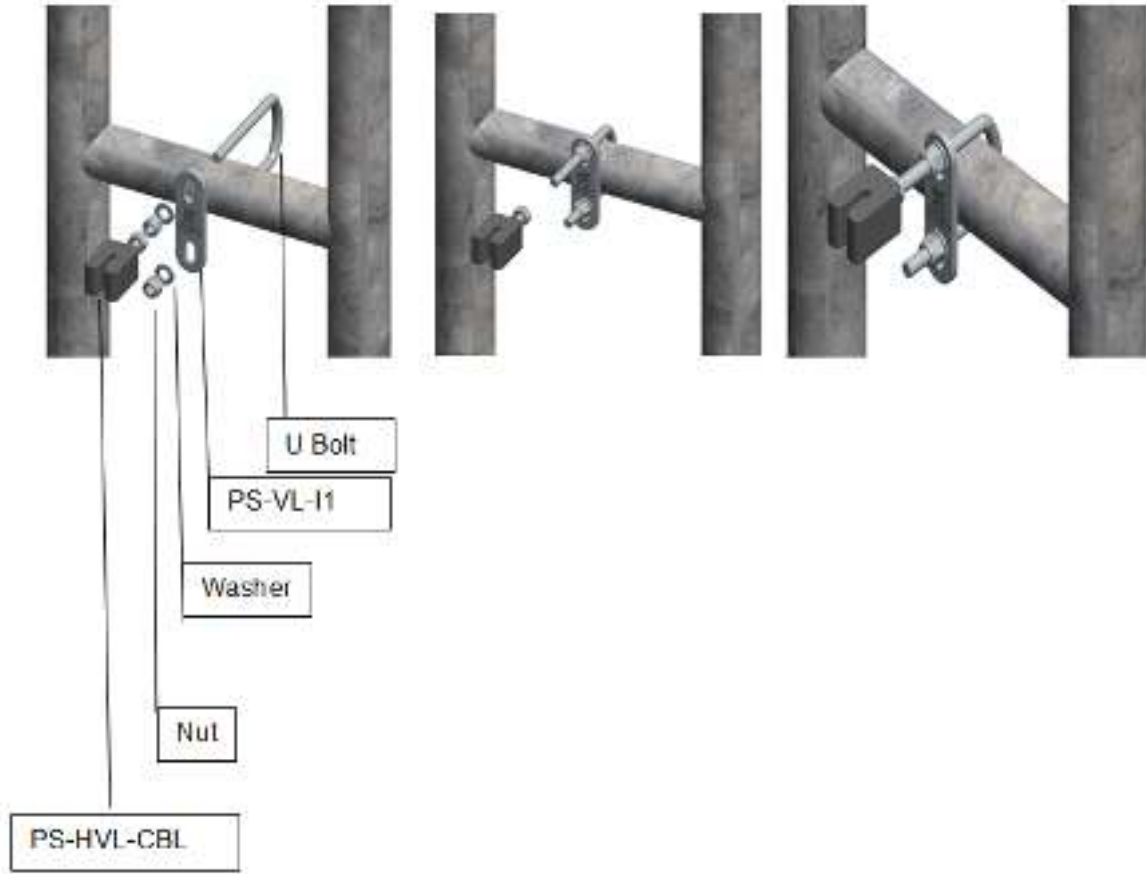


PS-HVL-WE1 Wire Ending installation is done with bolt washer and nut. The installation is completed with Ø19 mm wrench.



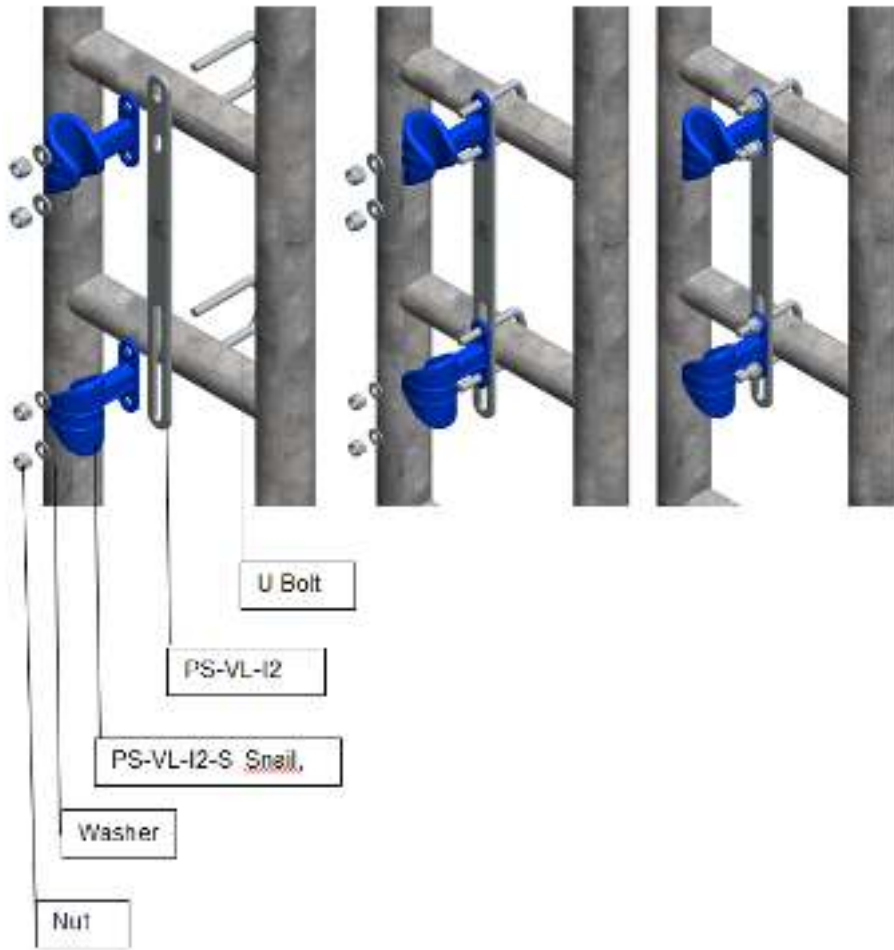
4.Installation of PS-VL-I1 Intermediate

PS-VL-I1 Intermediate installation is done with PS-VL-I1-K Rubber, washer, nut and U bolt. The installation is completed with Ø19 mm wrench.



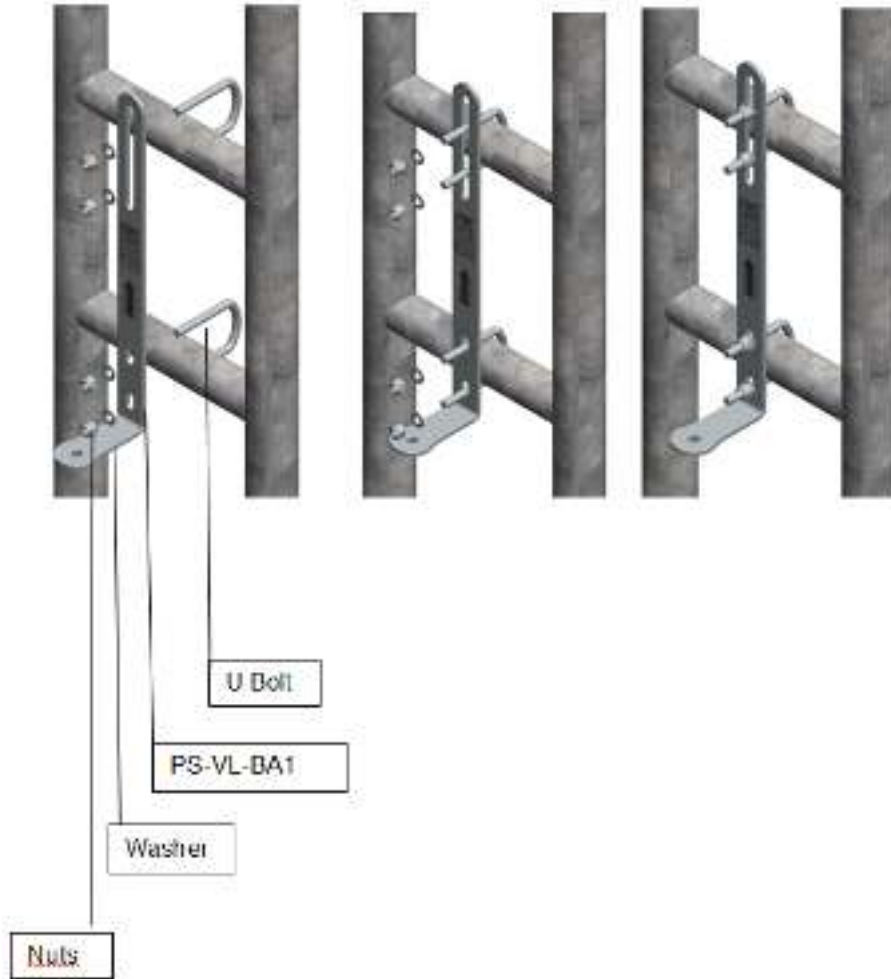
5. Installation of PS-VL-I2 Intermediate

PS-VL-I1 Intermediate installation is done with PS-VL-I2-S Snail, washer, nut and U bolt. The installation is completed with Ø19 mm wrench.



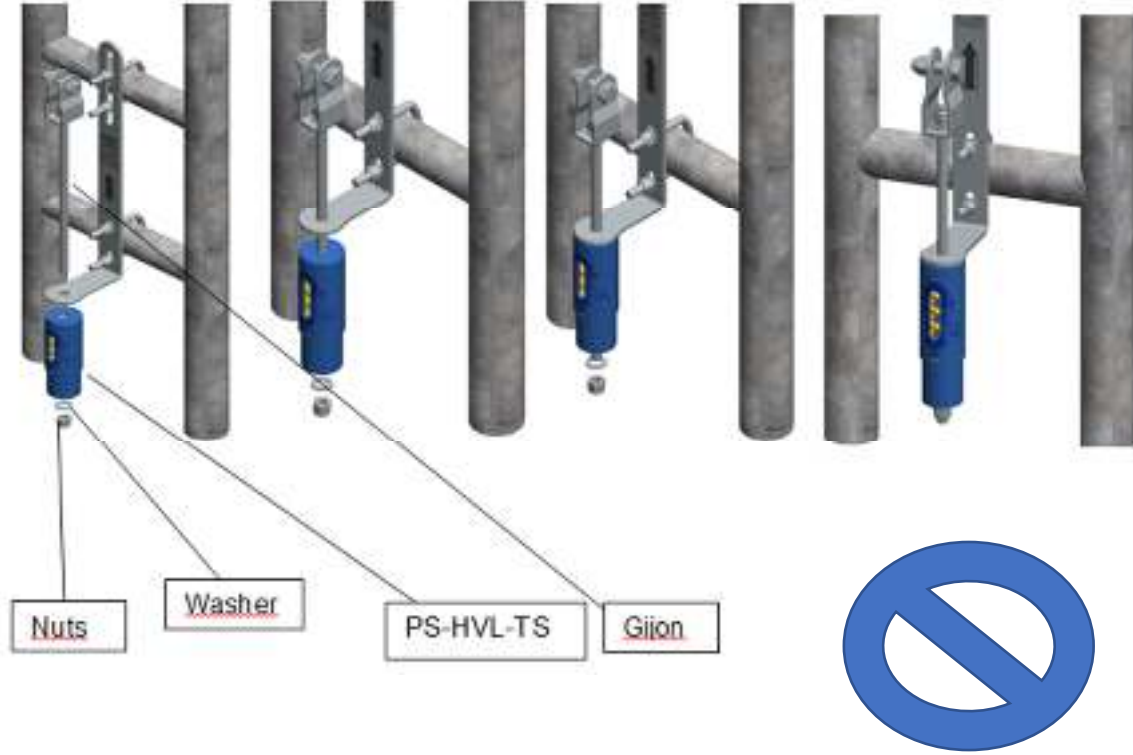
6.Installation of PS-VL-BA1 Bottom Anchor

PS-VL-BA1 Bottom Anchor installation is done with U bolt, washer and nut. The installation is completed with $\varnothing 19$ mm wrench.



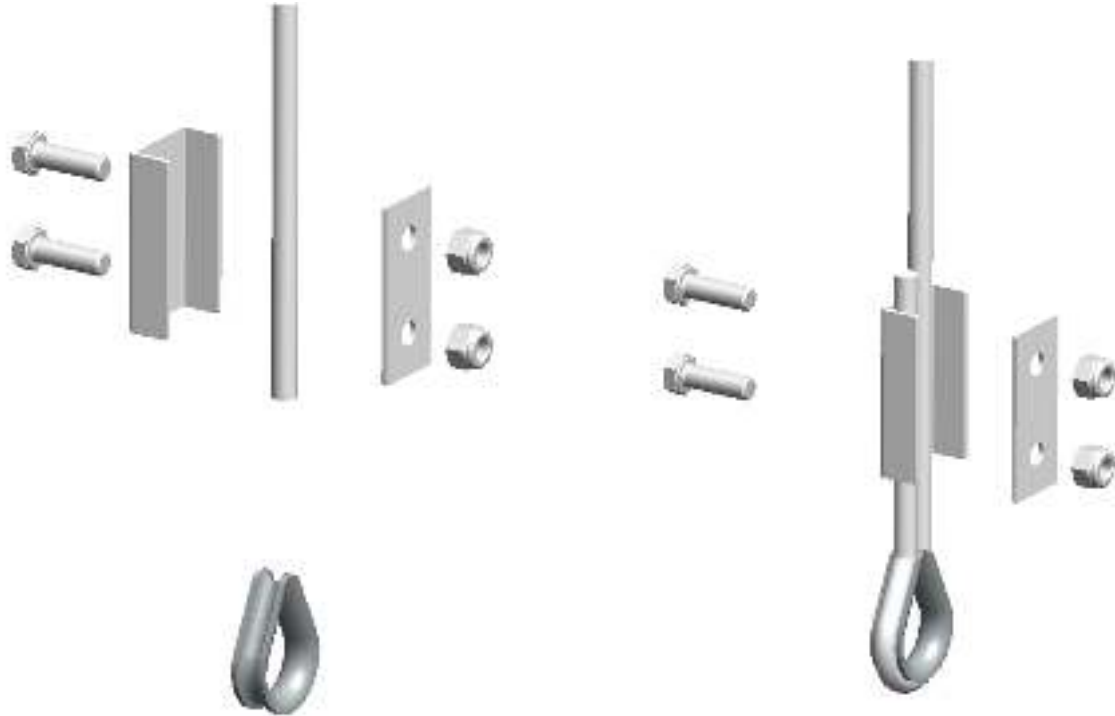
7.Installation of PS-HVL-TS Tensioner

PS-HVL-TS Tensioner installation is done with gijon, washer and nut. The installation is completed with $\varnothing 19$ mm wrench. The tensioning of the line is completed by tightening Metric 12 bolt on the given direction in with $\varnothing 19$ mm wrench as 1kN.



8.Installation of PS-HVL-TS Tensioner

PS-HVL-TS Tensioner installation is done with bolt, washer and nut. The installation is completed with Ø19 mm wrench.



6. LIFE-SPAN/ DISCARD

For PIRI SAFE products, lifespan is not limited for metal products.

WARNING, an exceptional event can lead you to put off a product after a single use (type and intensity of use, use environment: aggressive environment, marine environment, sharp edges, extreme temperatures, chemicals, etc.).

A product must be put off when:

- He suffered a significant fall
- The result of the product checks is not satisfactory. You have doubts about its reliability.
- You don't know its full usage history.
- When its use is obsolete (legislative, normative, technical or incompatibility with other equipment, etc.).

Destroy these products to avoid future use.

it is essential for safety that equipment is withdraw from use immediately if:

- 1) any doubt arise about its condition for safe use or;
- 2) it have been used to arrest a fall and not used again until confirmed in writing by a competent person that it is acceptable to do;

7. INSTRUCTIONS FOR CLEANING, MAINTENANCE, REVISION AND REPAIR

A soiled product should be washed and rinsed with clear water, then dried. It should not be in contact with corrosive or aggressive materials and should not be stored at extreme temperatures. Any chemicals, solvents can alter the strength of the anchoring device. If the anchoring device is likely to be in contact with these products, please let us know the exact name of the chemical components and we will respond after an appropriate study.

It is known that equipment in use is gradually degrading, and it is therefore difficult to give a precise lifespan to the product without knowing the intensity and frequency of use. Similarly, an exceptional situation may limit the lifespan to a single use. Some environments accelerate the aging of the product (salt, sand, snow, chemical environment ...) (non-exhaustive list).

PIRI SAFE guarantees this product against any material or manufacturing defects. Excluded from the warranty: normal wear, oxidation, modifications or repairs, poor storage, poor maintenance, damage due to accidents, negligence, uses for which this product is not intended.

It is recommended to check the condition of the anchor device P-LINE-V2 at least once a year by a person who is qualified and competent in strict compliance with the operating procedures of PIRI SAFE. These periodic and regular reviews are necessary because the safety of the user is linked to the maintenance of efficiency and resistance of the equipment. It is necessary to check the good general condition, the condition of the fasteners, end stops, the good condition of the mobile fall arrester, the good readability of the markings. The check and results must be recorded in writing in a maintenance logbook via the identification card. The last or the next inspection date must be indicated on the anchor point.

Any repairs on the anchoring device is prohibited. If there is any doubt about the condition of the product, replace it with an original part PIRI SAFE.

8. Product components

1.PS-VL-TA1 Top Anchor

The component made of stainless steel 316.

**2. PS-HL-BA1 Bottom Anchor**

The component made of stainless steel 316.

**3. PS-VL-I1 Intermediate Bracket**

The component made of stainless steel 316.

**4. PS-VL-I1 Intermediate Bracket**

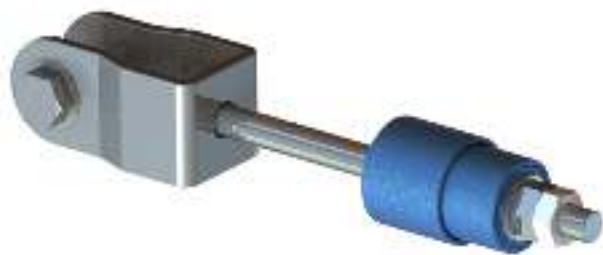
The component made of stainless steel 316.

**5. PL-VL-EA2 Connection U Bracket**

The component made of stainless steel 316.

**6. PS-HVL-TS Tensioner**

The component made of stainless steel 316.

**7. PS-HVL-WE1 Wire Ending****8. PS-HL-WE2 Wire Ending**

The component made of stainless steel 316.



The component made of stainless steel 316.

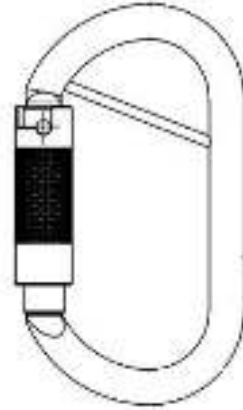


9. PS-HVL-CBL Ø8 mm 7*19 Stainless Steel Rope

10. PK-1-3CP Carabiner

The component made of stainless steel 316.

The component made of stainless steel 316.



11.PS-VL-ETA1 Ladder Extension











The component made of stainless steel 304.








9. Identification card

Identifying of the anchor device	
Manufacturer/supplier	PIRI SAFE
Product name/reference	P-LINE V2
Standards	EN 353-1:2014+A1:2017
Identification numbers	
Date of purchase	
First use date	

User identification			
Name		ADRESS	

PITON PLUS GRAB CABLE					
General condition (cracks, marks, deformation, wear)					
Check of the locking system					
State of the energy absorber					
Presence and legibility of marking					
RIGID ANCHOR LINE					
Correct displacement of the mofile fall arrester					
Correct tension					
Good condition of End stop					
Good condition of the wire rope					

 : comments ,  : in good condition;  : to check;  : à réparer ;  : to be put off

Comments

Conclusion	
<input type="checkbox"/> Suitable anchor device	<input type="checkbox"/> Incapacitated anchor device

Identification and visa controller			
Name :		Company name :	
Date of control		Controller's Visa	
Date of the next control			