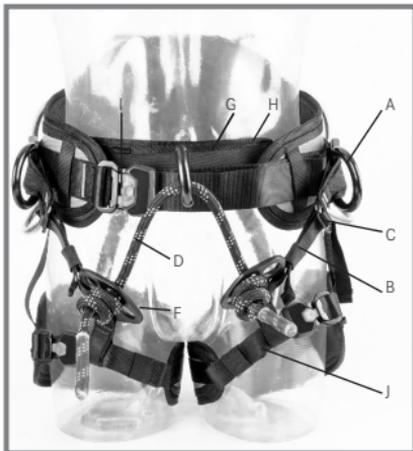


The logo features a large, white, stylized letter 'N' on the left. The 'N' is composed of several geometric shapes: a large triangle on the left, a smaller triangle on the right, and a central vertical bar. To the right of the 'N' is the word 'NOTCH' in a bold, italicized, sans-serif font. A small 'TM' trademark symbol is located at the bottom right of the word 'NOTCH'.

**N NOTCH™**



- A-Side D ring
- B-Bridge adjustment strap
- C-Bridge strap buckle
- D-Rope bridge
- E-Bridge ring
- F-Bridge anchor plate
- G-Elastic waist strap
- H-Waist belt strap
- I-Waist belt connect buckle
- J-Leg strap with connect buckle
- K-Leg pad keeper straps
- L-Accessory loops (8)
- M-Accessory rings (2)
- N-Accessory pouch straps (not pictured)
- O-Leg Pads
- P-Suspender Loop
- Q-Chainsaw Snap (not pictured)

## Notch™ Sentinel Arborist Harness

### FIELD OF APPLICATION:

This product can be part of personal protective equipment for protection (PPE) for position at the work station, or to prevent the operator from entering a zone where a fall is possible. The product should be allocated to one individual.

Attention! Sit harnesses are not suitable for fall arrest purposes!

Personal protection equipment products may only be used to belay persons. Do not use the personal protective equipment for work load.

Work at height is inherently dangerous activity. Understand and accept the risks involved before participating.

These instructions for use contain important notes, a control card, and proof of inspection. Before using this product, all documents must have been read and their content understood. This document must be provided to the user by the retailer in the respective country's language and must be kept with the equipment while it is in use.

### WEARING INSTRUCTIONS:

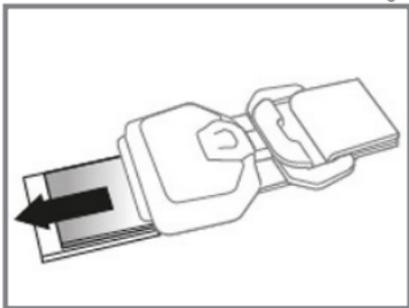
Thoroughly inspect harness and all components before each use. Your safety is related to the integrity of your equipment.

- Release and open the elastic waist strap
- Open the waist belt connect buckle
- Open the leg strap connect buckles (if necessary)
- Hold the harness facing forward and step into the harness
- Raise harness into position just above your hip bones
- Secure the elastic waist strap

Note: Elastic waist strap is for support and comfort only. Caution, do not over tension.

- Ensure the work positioning side D rings are slightly forward of the hip then close the waist belt connect buckle (using thumb press in the center of buckle to open/close)
- Pull on the waist belt strap until strap feels snug (Fig 1), fold excess strap into the waist strap keeper
- Wrap the leg straps around the leg so that the padded portions of the leg straps are behind the leg and the buckles are on the side of the leg
- Connect the leg strap buckles (if not connected)
- Adjust the leg strap as necessary so they are snug, but comfortable
- Fold the excess strap into the elastic leg strap keeper E

Fig. 1



#### ADJUSTMENT INSTRUCTIONS:

Adjust the fit of your harness so that your body is supported with weight evenly distributed between the belt and leg straps, balanced to hang upright and relaxed, without uncomfortable pinching or pressure. Fit the harness before your first climb where you can hang.

Choose the correct size:

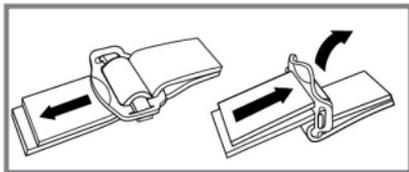
hipbelt min. (elastic, not stretched)		hipbelt min. (webbing)		
1	72 cm	28,35 in	75 cm	29,53 in
2	92 cm	36,22 in	95 cm	37,40 in

hipbelt max.		legloops min.		
1	100 cm	39,37 in	50 cm	19,69 in
2	130 cm	51,18 in	65 cm	25,59 in

#### BRIDGE STRAP ADJUSTMENT:

- Locate the Bridge strap buckle positioned between the Bridge anchor plate and the Side D ring
- Using thumb pull back on the tension buckle releasing the webbing to extend distance (Fig 2), to shorten simply loosen webbing and work it back through the tension buckle
- Fold the excess strap into the elastic leg strap keeper

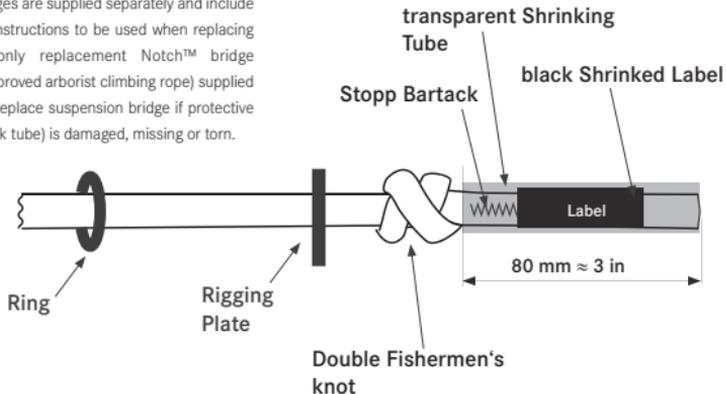
Fig 2



- Tightening the adjustment straps will bring the bridge closer to your body while loosening them will move the bridge away from your body.

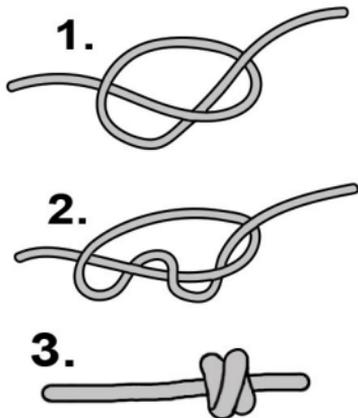
### REPLACEMENT OF ROPE BRIDGE:

Replacement rope bridges are supplied separately and include detailed replacement instructions to be used when replacing worn bridge. Use only replacement Notch™ bridge (manufactured from approved arborist climbing rope) supplied by Notch Equipment. Replace suspension bridge if protective cover of stitching (shrink tube) is damaged, missing or torn.



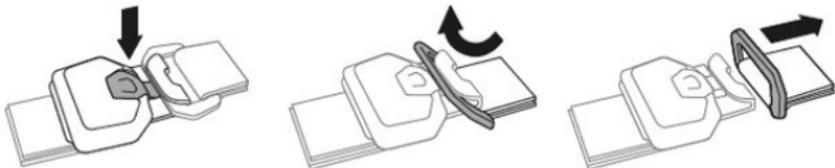
### TYING THE ROPE BRIDGE STOPPER KNOT:

This stopper knot is recommended by the rope manufacturer to secure the replacement Notch™ rope bridge. It stops the rope from passing through the hole in the bridge anchor plate. The knots should be hand-tightened to prevent any possibility of movement/slippage. Tie one at the end of the bridge leaving at minimum 3 inches of tail. Pass the rope from the outside to the inside of one anchor plate, using the center hole, pass it through the ring, then through the center hole of the opposite anchor plate, form inside to outside. Finish by tying another knot on the outside with the desired length of the bridge between the two plates after tightening. Only use double fisherman's knots on both sides. Construct the knot as shown below:

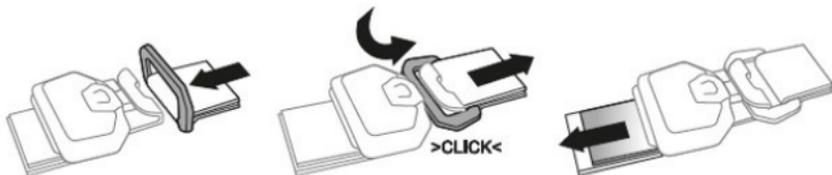


### TRIPLE-LOCK BUCKLE OPERATION:

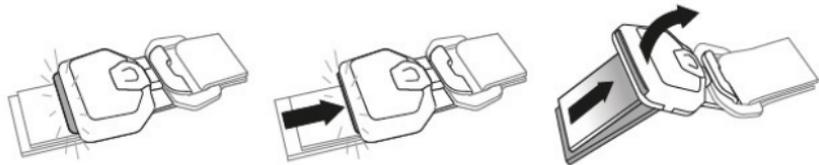
The Triple-Lock Buckles offer a very high safety standard by providing a three-way closure. To open the buckle, press the top button releasing the frame and pull back as shown below.



To close the buckle, push frame into the main buckle body and pull back, audible click will be heard confirming secure closure.



Strap length can be adjusting by pulling on the tail end of the webbing. Strap end can be retrieved by pulling up on the end as shown below.



### **LEG PAD BUCKLE ADJUSTMENT:**

- Open the Leg strap connect buckle by pressing in the center of the buckle and release the single slot frame from main buckle
- Adjust the length of the webbing by pulling on webbing in either direction to move the main buckle frame
- Close buckle and test fit, continue adjustment until leg pads are snug
- Repeat for opposite side of leg strap
- Fold the excess strap into the elastic leg strap loop keeper
- Proper adjustment of the leg pad straps will ensure the leg pads will be in the most comfortable position on your legs

### **REAR LEG STRAP ADJUSTMENT:**

- Adjust the length of the elastic webbing by pulling in either direction through the plastic friction buckle, retain excess webbing in the strap loop keeper
- Proper adjustment of the rear leg strap will ensure the pads are in the correct distance below the waist

### **USING BRIDGE ANCHOR PLATES:**

Bridge anchor plates are designed for maximum strength along their major axis. Anchor plates should be loaded ONLY between the single slot shaped connector holes and any combination of the other three round holes. Only use the bridge anchor plates for tie-in the rope bridge and only use both plates together.

### **Inspection:**

Prior to each use, carefully inspect this equipment for indications of wear or deterioration. The inspection should include but not be limited to inspection for:

- tearing, cuts, severe abrasion of the webbing or rope
- burnt, singed, or melted webbing or rope
- faded, discolored from exposure to ultraviolet light, chemical exposure of webbing or rope
- torn or pulled threads (broken fibers)

- nicks, cracks, distortion or corrosion of hardware (buckle, rigging plate, D-ring, etc.)
- nonfunctional buckles
- evidence of involvement in dynamic fall
- readability of the marking
- if there are any indications for impact loading

Note: All load bearing bartacks are constructed of contrast color stitching for easy identification. Replace suspension bridge if protective cover of stitching (shrink tube) is damaged, missing or torn.

If any evidence of wear or deterioration as outlined is observed, immediately cease use, destroy the product and replace with new equipment. Should any unusual condition conditions not outlined above be observed, or you have reasonable doubt about a particular condition, remove the equipment from service. Failure to carefully and completely inspect your equipment could result in serious injury or death. Notch Equipment recommends a detailed inspection by competent person at least once every 12 months (depending on current regulations in your country, and your conditions of use). Record the results on your PPE inspection form: type, model, manufacturer contact info, serial number or individual number, dates: manufacture, purchase, first use, next periodic inspection, problems, comments, Inspector's name and signature.

#### **WORK POSITIONING HARNESS EN 358:1999**

These attachment points are designed to either hold the user in position at the work station, or to prevent the operator from entering a zone where a fall is possible.

Attachment points according EN 358 must only be used to attach a restraint or work positioning system, maximum fall height 0.5 m. The connection device for work positioning harnesses must be kept tight, the tie-in point must be above or at hip height.

These attachment points are not designed for fall arrest usage. It may be necessary to supplement work positioning or travel restraint system with collective or personal fall arrest systems.

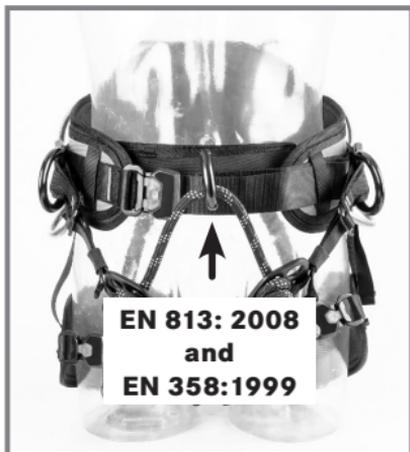
#### **A – Side D rings**

The two side D rings must always be used together.



#### **SEAT HARNESS EN 813:2008**

Nominal maximum load = 140 kg (308 lbs). Designed for progression on rope and work positioning. Use the attachment bridge to attach a descender, positioning lanyards, or progression lanyards. This attachment point is not suitable for fall arrest.



**LIFESPAN AND REPLACEMENT:**

The lifespan of the product will depend on frequency of use and external conditions. This product is made from synthetic fibre (polyamide, polyester, aluminium alloy, steel). Part of these components degrade over time. Seven years is considered the safe life of nylon climbing equipment when it is stored properly and never used.

**WHEN TO RETIRE THE EQUIPMENT:**

A product must be retired when:

- It's over 10 years old and made of plastic or textiles
- It has been subjected to a major fall (or load)
- It fails to pass inspection. You have any doubt as to its reliability
- You do not know its full usage history
- When it becomes obsolete due to changes in legislation, standards, technique, or incompatibility with other equipment

**STORAGE:**

Store in a clean, cool, dark, place free of acids, alkalis, exhaust emissions, rust and strong chemicals. Store without mechanical stress caused by jamming, pressure or tension.

**TRANSPORT:**

The product must be transported to avoid direct sunlight, moisture, chemicals, dirt, extreme temperatures and mechanical damage.

**CLEANING:**

Clean soiled products in luke warm water (if necessary, use pH neutral soap). Rinse well. Hang dry at room temperature in well ventilated area out of direct sunlight, never use a tumble dryer. If required, halogen-free commercial disinfectants may be used.

Metal hardware parts (anchor plates, buckles, etc.) should be cleaned and dried. If necessary, minor sharp edges may be

polished using a fine abrasive cloth before cleaning.

Periodic lubrication of metal hardware using a lightweight

lubricant will maintain smooth operation, wipe off any excess lubricant with a clean dry cloth.

**WARNINGS FOR ROPE BRIDGE:**

Rope bridge attached to this harness is designed to be replaced by the user at regular intervals. Interval will be dictated by the frequency of use and external working conditions rather than set time.

Manufacturer does not place a time limit on the replacement of the rope bridge. Due to the rigorous strain the rope bridge endures, it should be replaced at the earliest signs of wear. Bridge should be carefully inspected prior to each use. This inspection should include but not be limited to: rope cuts, nicks, tears, kinks, abrasions, burns, excessive swelling, excessive jacket wear, discoloration, broken, fraying, or unraveling fibers, loose stitching, chemical or physical exposure. Failure to regularly inspect and replace the rope bridge could result in injury or death.

**WARNINGS:**

- Manufacturer's instructions shall be provided by the user of this product. If additional copy is needed, contact Notch Equipment.
- Completely read, understand, and follow all instructions, warnings, and cautions pertaining to this particular harness and all associated equipment before use. Failure to do so could result in serious injury or death.
- Make sure the markings on the product are legible
- Service (repairs) may only be carried out by the manufacturer or a center authorized by the manufacturer.
- Notch™ harnesses are manufactured in accordance with EN 358:1999, EN 813:2008, ASTM F887 and are intended for use as personal protective equipment only comply with the

requirements of ANSI Z133-12.

- This product is designed to be used by a person with a maximum weight of 308 lbs when fully equipped.
- This harness is not designed to be used with a retro fit Fall Arrest Harness.
- Notch™ harness is to be used for work positioning and suspension only, NOT FOR FALL ARREST.
- In any case of fall arrest use a fall arrest system according EN 363. If you use a fall arrest system, it must be ensured that the necessary free space in the work area beneath the user (clear height) of 7 m is guaranteed.
- Retire and destroy the harness and all other personal protective equipment if involved in a fall.
- Retire harness if it's been seven or more years past the manufacturing date.
- Only trained and experienced people under guidance and supervision are allowed to make use of it.
- Users must be aware that poor physical and/or mental health can jeopardise safety under normal conditions and in emergencies.
- Prior to first use, the user should carry out a suspension test in a safe place that the equipment is of the correct size, has sufficient adjustment and is of an acceptable comfort level
- Before using the equipment, the user must ensure that, in the event of falling into the personal protection equipment system, the person caught can be rescued immediately, safely and effectively. A rescue plan for all work operations is recommended.
- In case of an emergency, an accident or loss of consciousness prevent the victim from suspension trauma. Suspension trauma can cause serious harm to health and death.
- Keep equipment from contacting with sharp edges, abrasive surfaces, extreme temperatures, excessive ultra violet rays, chemical agents, moving machinery, and electrical hazards. Exposure to these elements may compromise the integrity of

the equipment.

- Always visually check that all buckles are properly closed.
- The large loop centered at the rear of the back pad is intended for connection of harness suspenders only (Fig 4). Harness suspenders are not safety products. Suspenders are designed to support only the weight of the saddle and the equipment it contains, NOT the individual.
- Accessory loops (8), carabiner slots, accessory rings (2) are attachment points (Fig 4) for equipment ONLY. Do not use for any life safety attachment, gear loops are not suitable for anchoring or belaying.



Fig 4



- During use all fastening and adjusting elements must be regularly checked to ensure proper adjustment and closure.
- Attach only connecting devices meeting standard/regulations for intended use for positioning and suspension to belt D rings and bridge anchor plate.
- Only positioning equipment, such as lanyards, should be attached to D rings, as D rings are not intended for fall arrest
- The equipment should not be modified in any way or altered to allow attachment of additional parts without the manufacturer's written recommendation.
- Make sure the anchor point is correctly positioned in order to limit the risk and the height of the fall.
- The anchor points for fall arrest forces must be rated for at least 12 kN, see also EN 795.
- For Connecting to the anchor points only use ppe partial systems (e. g. connecting elements (karabiners) to EN 362).
- When combining this product with other components, the safety aspects of the products may interfere with each other.
- If this product is used in combination with other components of a rescue/fall arrest system, users must acquaint themselves with the enclosed recommendations, notes and instructions for these components prior to use and comply with them.

#### **WARRANTY:**

Every Notch™ harness carries a limited lifetime warranty against defects in materials and workmanship. Notch Equipment will replace the defective product at no charge and return it back to the customer.

Coverage terminates if the product is sold or transferred.

#### **RETURNS:**

You may return your Notch™ product for any reason. Please call Notch Equipment at 866-345-2468 to request a Return Merchandise Authorization (RMA). Mark the package with the RMA number and follow the instructions on the enclosed return

slip.

Returned products will be inspected within three working days of receipt and you will be contacted with the results of the inspection. Depending on our findings, Notch Equipment will replace your product or refund your purchase price, at our sole discretion.

No returns will be accepted on items returned after 30 days.

Only authorized replacement parts from Notch Equipment should be used on this product. The use of unauthorized replacement parts will void manufacturer's warranty.

#### **PRODUCT INFORMATION:**

Manufacturer: EDELRID

Model: Name of the product

Size: 1 – small, 2 – large;

Product description: Work positioning harness according to EN 358:1999, sit harness according to EN 813:2008.

Standards indicated in some cases with year of issue;

Users weight: max. 140 kg/ 308 lbs;

Lot number: GV XXX MM YYYY NNN

Nomenclature of the lot number:

XXX – Lot Number

MM – Month of Production

YYYY – Year of production

NNN – Serial Number

 MM YYYY: Month and year of manufacturing

Identification: To be entered by the user if appropriate

i-Symbol: Warning notices and instructions must be read and observed

CE 0123: the authority supervising production of PPE

(TÜV SÜD Product Service GmbH, 80339 Munich, Germany)

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