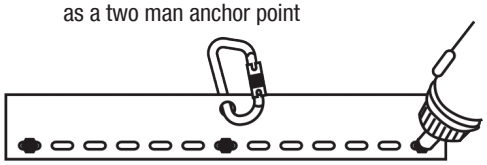
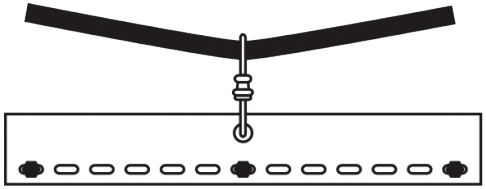
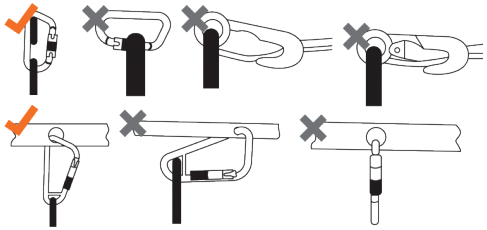
5 Fix the tether plate to the centre line of the roof batten or purlin with a minimum of 3 suitable heavy duty roof screws to achieve 15kN strength or a minimum of 5 suitable heavy duty screws to achieve 21kN if to be used as a two man anchor point



6 Fit karabiner to loading eye with locking device facing upward



7 Put rope through karabiner and ensure karabiner has fitted correctly



8 Always work a minimum of 2M from unprotected edge. To remove the tether plate, simply reverse the process used for installation

## MAINTENANCE

**WARNING** - maintenance and reassembly are to be carried out by a competent person knowledgeable in the repair and maintenance of this tether plate.

## STORAGE

This tether plate should not be subjected to unnecessary strain or pressure or to excessive heat, humidity or moisture.

Do not expose to sharp edges or corrosive substances and **DO** store in a dry place.

## WARNING

The tether plate **MUST** be immediately withdrawn from service if it has been used to arrest a fall or if it shows any defect upon inspection.
If the labels/stickers on the tether side are removed from the tether plate, it must be withdrawn from service immediately.

## DISCLAIMER & CONDITION OF USE

Only competent users duly trained in height safety in accordance with AS/NZS 1891.4 can use this device. Users must ensure that the manufacturer instructions and the tether plate warning labels are legible and instructions are read before use or installation. The selection of suitable roof fasteners is vital to ensure kN ratings can be sustained

Paramount Safety will not be responsible for damage, injury or death resulting from the use or misuse of this tether plate. The user personally assumes the risks and responsibilities for any damage, injury or death which result from using this tether plate. Do **NOT** use this anchor if you are not in a position or able to assume this responsibility.

# TETHA V-BAR

## 500/280

BECAUSE OF THE DANGERS ASSOCIATED WITH WORKING AT HEIGHTS, ADEQUATE TRAINING AND THE USE OF APPROPRIATE EQUIPMENT IS MANDATORY.

The reading of this instruction leaflet does not diminish the user's need for competent training in working at heights or working with fall arrest or travel restraint products. It is the user's responsibility to ensure that he/she is completely trained to work at heights and, in particular, in the use of fall arrest or travel restraint safety systems before using this Tetha V-Bar Roof Anchor.
AS/NZS 1891.4 competency is mandatory.

## DESIGN & APPLICATION

This tether plate is designed and tested to 22kN and is thus rated as a two person fall arrest tether plate under AS/NZS 1891.4. While this tether plate has been engineered for a fall arrest rating, this device should always be used with a travel restraint technique.

**THIS TETHER PLATE IS NOT FITTED WITH AN INTERNAL ENERGY ABSORBING DEVICE. AN ENERGY ABSORBING DEVICE MUST BE USED IN CONJUNCTION WITH THIS TETHER PLATE.**

This tether plate is suitable for:

- users who are trained in height safety
- use on roofs constructed with metal roof sheeting with a minimum base metal thickness of 0.23mm in Trimdek
- use in working at heights in normal climatic conditions
- 360 degree roof work
- direct connection of personal fall-arrest equipment for two persons
- **ALWAYS ensure the structure to which the tether plate is installed has sufficient strength to sustain the applied load (refer to AS/NZS 1891.4).**

This tether plate is **NOT** suitable for and **MUST NOT** be used:

- without training in height safety
- on shingled, aluminium sheet, asbestos or decramastic roofs
- as an anchor point to lift equipment or restrain equipment
- as an abseil anchor
- or connected to by more than one person or more than one line unless the roof structure can sustain 21kN of force and at least five suitable heavy duty fasteners are used, in which case the system can be used by no more than two people with no more than two lines

**THIS TETHER PLATE MUST NOT BE ALTERED OR MISUSED IN ANY WAY.**

Alterations or misuse of this or any other device used in your safety system may result in serious injury or death.

**THIS TETHER PLATE IS ONLY ONE PART OF A SYSTEM.**

For safe operations in travel restraint or fall arrest, other LINQ products / devices must be used. Non LINQ products must comply with AS/NZS 1891 standards.

**ALWAYS READ AND ADHERE TO MAINTENANCE AND OPERATING INSTRUCTIONS WHEN WORKING WITH A LINQ TETHA PLATE SYSTEM.**

## TETHER PLATE INSPECTION

This anchor **MUST** be inspected by a competent person before each use to ensure that it is in a perfect, serviceable condition and operates correctly.

The tether plate must be inspected for any worn or damaged parts, any sign of deterioration, any sharp edges, burrs, cracks or corrosion or any signs of being deformed (such as a shock loading, being dropped from a height or run over by a vehicle).

The securing eye must not be damaged or distorted in any way.

**THE ANCHOR MUST BE IMMEDIATELY WITHDRAWN FROM SERVICE IF THE ANCHOR HAS BEEN USED TO ARREST A FALL AND / OR IF UPON INSPECTION SHOWS ANY DEFECT.**

A competent person must also inspect the tether plate prior to use and give particular attention to whether the tether plate has been correctly assembled and whether all component parts are present, including the instructions.

If there is any doubt about the condition of this tether plate, remove it from service immediately and replace it. This tether plate **MUST** be thoroughly inspected every 12 months by a competent person. The inspection should be completed and recorded in accordance with AS/NZS 1891.4.

**YOUR LIFE MAY DEPEND ON YOUR EQUIPMENT.**

The user must be fully aware of its history (use, storage, inspections, etc). If this equipment is not for personal use (for example, being used by multiple users) Paramount Safety strongly recommends a systematic approach to inspection and record keeping. This should always be carried out by a competent person.

## ROOF INSPECTION

**IMPORTANT:** The roof sheeting to which this tether plate is to be attached should be capable of sustaining an ultimate load equal to or greater than 15kN for a single person connection or 21kN for a double person connection as per AS/NZS 1891.4.

Any signs of excessive rust, missing or loose roof nails or screws, tears or splits in the metal or damaged sheets or damaged purlins are all strong indicators that the area is not safe for installation.

If it is unclear to the height safety supervisor inspecting the roof whether or not the anchorage is structurally adequate, it should be assessed by an engineer in accordance with AS/NZS 1891.4.

## TETHER PLATE INSTALLATION

**THIS TETHER PLATE MUST BE INSTALLED BY A COMPETENT PERSON PRIOR TO THE OPERATOR ATTACHING TO IT.**

Positioning of the tether plate is crucial for safety.

Height of the fall and rope stretch should be carefuly considered.

Users must be adequately trained and take care to adjust the safetyline length to ensure that the user will **NOT** fall off any edge of the roof. AS/NZS 1891.4 sets out the safe use of anchors, in particular, safe access and avoiding lateral swing.

**TO INSTALL TETHER PLATE FOLLOW THESE STEPS:**

1. Inspect the attaching area in accordance with instructions above and AS/NZS 1891.4
2. Inspect the tether plate in accordance with instructions above and AS/NZS 1891.4
3. Assess the roof and select the appropriate screws, minimum scew penetation 35mm.

   If suitable for the specific structure, Builders brand screws (BX symbol) are preferable, minimum penetration 35mm.
4. Locate the appropriate fixing point on the roof

**CONTINUED OVERLEAF..**