

**SAFETY DIRECT LTD.**



***Fall Protection Equipment Manufacturer***

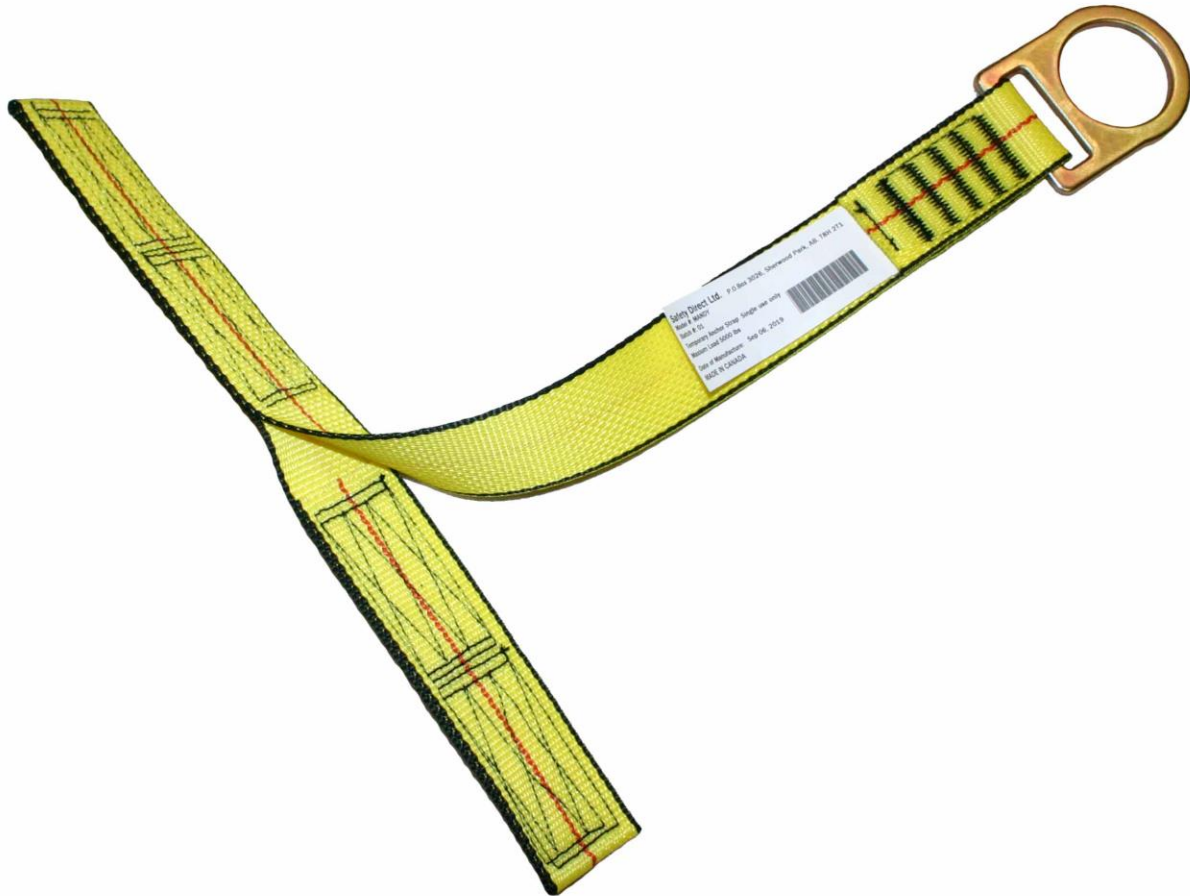
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## **Instructions for Nail Down Anchor Straps**



### **WARNING.**

Failure of the user to read and understand all instructions for use of this equipment may result in serious injury or death.

It is recommended that the user complete an approved fall protection program before using this equipment.

Users of this anchor strap must use an approved energy absorbing device or lanyard to connect between the strap and their harness.

## **General Instructions.**

All warning labels and instructions must be understood and followed by the user before using the product.

All users must understand the relevant regulations and usage standards for fall protection, pertaining to this product, in the jurisdiction in which it is being used.

These products must only be used by trained and competent personnel.

All fall protection equipment must be visually inspected prior to each use. All fall protection equipment must be inspected by a competent person on a regular basis.

Fall protection equipment must not be altered or modified in any way.

To reduce the possibility of accidental release, a competent person must ensure that system components are compatible.

All equipment subjected to a fall incident must be removed from service immediately.

Any equipment exhibiting deterioration or deformities must be removed from service immediately.

Users are required to have a pre-planned rescue procedure in place before using this or any fall arrest equipment. A rescue plan is site or project specific.

## **HAZARD**

The following situations should be avoided when using anchor straps:

1. Only one snap hook should be attached to each anchor strap.
2. Snap hooks should not be attached directly to each other.
3. Snap hooks should not be connected back into the body of the anchor strap.
4. Ensure that any connected components are compatible in order to reduce the possibility of snap hook roll-out

## **Usage Instructions.**

The nail down anchor strap must be used with an energy absorbing lanyard in the system and is suitable for workers with a weight range of 110 to 420 lbs, dependent on the weight capacity of the energy absorbing lanyard being used.

The nail down anchor strap is designed to be installed at the peak of the roof with one flap on either side of the ridge attached with the supplied ardox nails, five (5) in each flap. All ten (10) nails must be used.

All nails must be driven into the solid dimensional lumber of the roof truss structure!

Drive all nail heads tight with the top layer of webbing on the nail pad. Do not drive them through the surface of the webbing.

Do not nail the anchor strap to the roof sheathing. The assembly will not attain the necessary holding power to keep the strap fastened to the roof.

Be careful to drive the nails in a staggered pattern, alternating from the left and right edges of the solid lumber of the truss, angled slightly towards the centre of the piece of lumber and spaced sufficiently down the length of the nail pad to avoid splitting the lumber.

The nail down strap qualifies as an anchorage connector. It is recommended that it should be installed on an

anchorage with a minimum strength of 5000 lbs. If the anchorage is not capable of sustaining 5000 lbs, the strap must be installed on a structure that is capable of supporting a minimum of two (2) times the maximum force that the system would sustain in a fall arrest situation.

The lanyard connected to the full body harness can now be attached to the ring of the anchor.

The nail down anchor is rated for one person and under no circumstances should more than one person be connected to the same anchor.

If the anchor sustains a Fall Arrest, it must be removed from service immediately and destroyed.

Anchor straps that are installed on trusses for roof work protection should be no more than 4ft. inward from the fascia board and not more than 10ft. apart.

### **Inspection.**

All anchor straps should be inspected by the user before each use.

A record of these inspections should be kept in a log.

When an inspection reveals any defects the anchor strap, it must be removed from fall arrest service immediately.

The anchor strap should be removed from service immediately if an inspection reveals any of the following:

- a) That the anchor strap has been subjected to fall arrest incident.
- b) Evidence of any corrosion or deformation of the hardware components, including cracks, sharp edges, chemical attack, excessive heat or alteration in any way.
- c) Alteration of the anchor strap by the addition or removal of any anchor strap component from the original configuration.
- d) The removal or illegibility of the original labelling.
- e) Damage to the anchor strap material or any spliced terminations or stitch patterns, including, cuts, tears, abrasion, burns, knots, kinks or excessive wear.

### **Care and Maintenance**

Maintenance of equipment should be carried out in accordance with instructions provided by Safety Direct Ltd. Any unusual issues should be addressed with Safety Direct Ltd.

All anchor straps should be stored in a clean, dry area with limited exposure to the following:

1. sunlight.
2. excessive heat.
3. harmful fumes.
4. corrosive chemicals or conditions.

Anchor straps to be inspected should be tagged to indicate that it should not be used until after it has been inspected and approved for further service.

### **Standards**

This product meets the requirements of ANSI Z359 and ANSI A10.32-2012, OSHA 1926 Subpart M, OSHA 1910 and CSA Z259 where applicable, when used in accordance with the instructions.

