



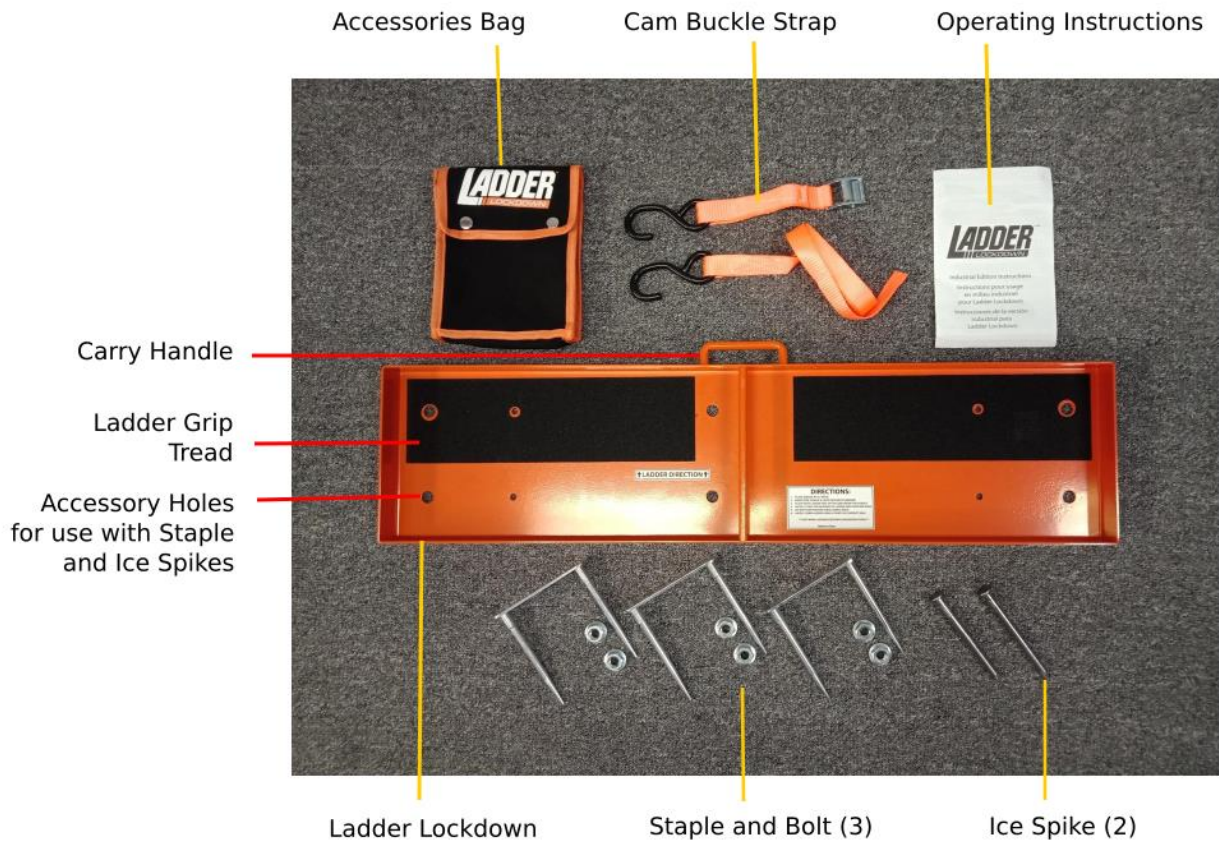
# LADDER LOCKDOWN

## Preliminary Information:

<b>JSA Release Date:</b>	August 2018
<b>Description:</b>	<p>Ladder Lockdown is a tool used with straight, extendable and A-frame ladders. It is designed to:</p> <ul style="list-style-type: none"><li>• Provide a non-slip surface where a ladder is required to be used on potentially slippery surfaces such as laminated flooring, tiles, painted or sanded concrete, etc;</li><li>• Provide a stable and solid platform where a ladder is required to be used on a rough and/or soft surface such as gravel, sand, turf, etc, when used in conjunction with the supplied staples; and</li><li>• Reduce lateral (side to side) movement when correctly used in conjunction with the provided harness strap and on a stable resting surface.</li></ul>
<b>Related Instructions:</b>	<p>This JSA must be read in conjunction with any safe work instructions for:</p> <ul style="list-style-type: none"><li>• The type of ladder being used;</li><li>• The task or job being undertaken;</li><li>• Any other tools, equipment or devices being used; and</li><li>• Working at heights.</li></ul>
<b>Training:</b>	<p>A demonstration and practice of the steps outlined in this JSA should be given to new users relating to:</p> <ul style="list-style-type: none"><li>• Correct placement of the ladder in the device</li><li>• Correct install and removal of the harness strap</li><li>• Correct install and removal of the soft-ground staples</li></ul> <p>This demonstration must be provided in conjunction with or additional to (and not replacement for) training in the safe use of ladders, training in the work being undertaken, and training for working at heights.</p>



### Parts and Accessories Reference Diagram



### Use of Accessories

Staple and Spikes - The proprietary staple is to be used when the Ladder Lockdown is required on soft ground. The Ice spikes are for use with solid ice surfaces.

Cam Buckle Strap - The strap is used with the Ladder Lockdown in all situations.



**Hazard Identification and Risk Management**

Hazard Identification	Risk Management
<ul style="list-style-type: none"> <li>Working from heights.</li> <li>Fall hazards when using a ladder</li> </ul>	<ul style="list-style-type: none"> <li>Refer to safe working at heights risk management and training</li> <li>Use ladders according to manufacturer’s instructions</li> <li>Use ladders according to ladder use risk management and training</li> </ul>
<ul style="list-style-type: none"> <li>Electrical / Electrocution. The Ladder Lockdown is made from rolled steel and is a conductor of electricity.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to safe working with electrical equipment.</li> <li>Ensure that the Ladder Lockdown is not placed over or on electrical cables</li> </ul>
<ul style="list-style-type: none"> <li>Puncture Injury. Staples when installed into the Ladder Lockdown are fixed in place with bolts and may create a puncture injury when not situated in the ground.</li> <li>Staples are used in areas where the surrounding ground may be uneven and increase the risk of injury if the user becomes unbalanced while carrying the Ladder Lockdown with staples installed.</li> </ul>	<ul style="list-style-type: none"> <li>Install staples only when required according to the user instructions.</li> <li>Place the Ladder Lockdown ready for use once the staples are installed. Remove the staples when not in use.</li> <li>Do not store the Ladder Lockdown with the staples installed.</li> </ul>
<ul style="list-style-type: none"> <li>Pinch and Crush Injury. Where feet or hands are placed under the unit while being placed, or under the feet of the ladder when being installed in the unit.</li> </ul>	<ul style="list-style-type: none"> <li>Follow the correct placement instructions for the latter and the Ladder Lockdown to avoid hands and feet being between the ground surface and between the Ladder Lockdown and the ladder Correct protective equipment such as gloves and enclosed shoes should be used when installing a ladder into the ladder lockdown.</li> </ul>
<ul style="list-style-type: none"> <li>Ladder lift and fall when installing Cam Buckle Strap. When tightening the cam buckle strap, the ladder may lift from the Ladder Lockdown and cause the ladder to become temporarily unstable.</li> </ul>	<ul style="list-style-type: none"> <li>Care should be taken to not to jerk or over tighten the strap when installing.</li> <li>Following the correct installation instructions.</li> </ul>

		Consequence			
		Minimal	Minor	Major	Critical
Likelihood	Unlikely	L	L	M	M
	Possible	L	L	M	H
	Likely	L	M	H	H
	Very Likely	M	M	H	H

*H = High, M = Moderate, L = Low*



## Correct Use and Installation

The Ladder Lockdown (LLD) is designed for use with straight, extension and A-Frame ladders. Users must follow the correct safe laddering techniques and follow safe work instructions at all times when using this equipment.

The LLD is equipped with proprietary non-slip pads for use on hard surfaces. The staples are provided for use with soft surfaces. The cam buckle strap should be applied for all uses.

### Use Instruction Summary:

These summary instructions are for basic orientation of the unit to be read in conjunction with the hazards and risk management section of this Job Safety Analysis. The manufacturers Industrial Edition Ladder Lockdown Instruction are provided and should be stored with each unit in provided accessories bag. The manufacturer's instructions should be referred to whenever including the Ladder Lockdown in work instructions and other safe work methods materials.

1. Find the correct ratio and place the LLD flat on the ground, face up, with the handle facing the direction you would like the ladder.
  - a. If the LLD is being used on hard flat surfaces, make sure the LLD is flat on the ground and that the non-slip grips are firmly on the ground
  - b. If the LLD is being used on soft ground, install the staples and hold each in place with the hex nuts. Install the LLD with the staples into the ground making sure that the LLD sits flat and secure on the ground
  - c. If using ice spikes, hammer the spikes into the larger accessory holes in the base of the LLD, making sure the LLD sits flat and secure on the ground.
2. Place the ladder onto the LLD using correct laddering techniques for the type of ladder being used.
  - a. If the ladder is being used on a level surface, place the ladder to the front of the LLD, on the Ladder Grip Tread.
  - b. If the ladder is being used on soft surface hills or slopes, place the ladder legs at the back of the LLD, off the grip tape.
3. Install one end of the cam buckle strap into the holes as marked on the LLD, then loop the strap over the third rung and back through the ladder. Install the other end of the strap, then tighten the strap until it is snug. Do not over tighten.
4. Test the ladder is stable before using.
5. Use the ladder in accordance with safe working methods.