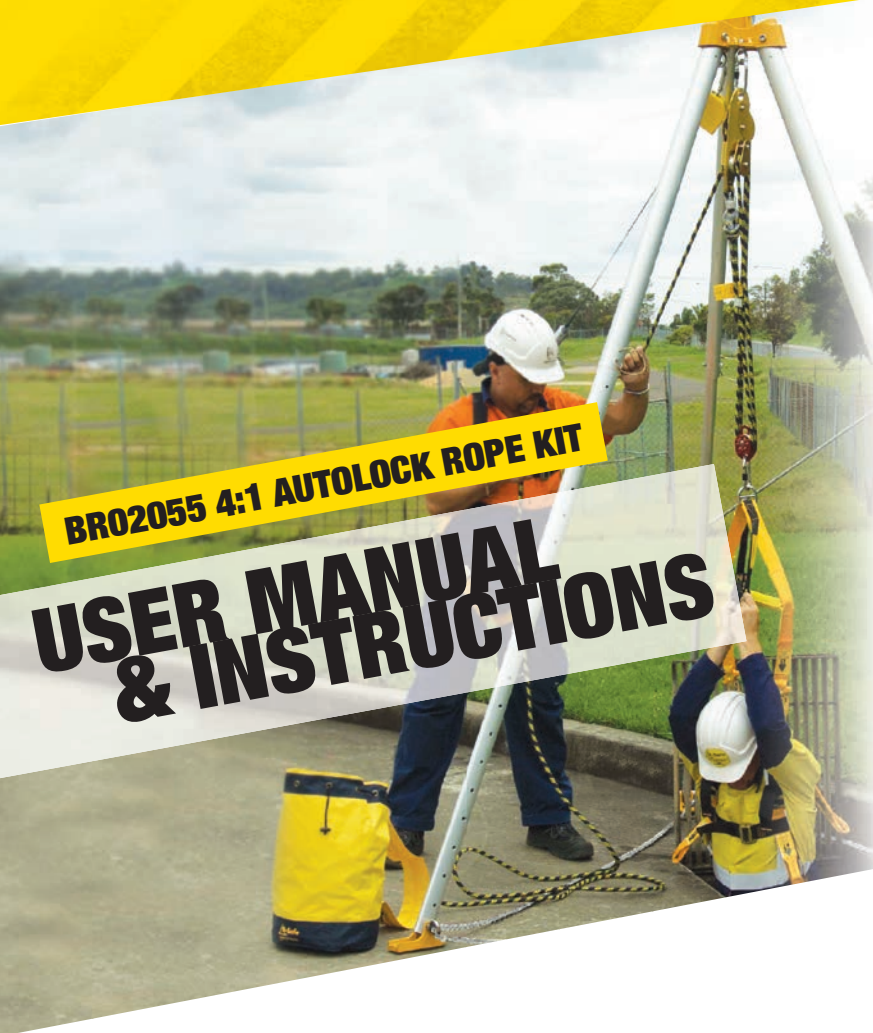


Be Safe.. Think

B-Safe



BR02055 4:1 AUTOLOCK ROPE KIT

USER MANUAL & INSTRUCTIONS



F

FALL RESCUE



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1300 783 606

WARNING: It is required that any user of this type of equipment is adequately trained in its use and is aware of all the necessary precautions that must be taken. In general terms the users of the equipment should undergo regular training and certification by a relevant authority prior to any use. Please be aware of the noted warning sections in the operation section of this manual. The information in this manual is based on the latest information available at the time of printing. Beaver reserves the right of make changes to specifications without notice.

MODEL: BR02055 - AUTOLOCK ROPE KIT INTRODUCTION

Model: BR02055 is an Autolock Rope Kit specifically designed to raise and lower personnel during access to high or confined spaces.

Thank you for purchasing a Beaver B-Safe 4:1 Access Rope Kit. The information contained in this manual covers the installation and use of this life saving devices. The book should be fully read and understood prior to the life saving device being installed and used. B-Safe 4:1 Access Rope Kits are required by OH&S Regulations and Worksafe Codes of Practice for providing emergency access/rescue recovery means for people working at heights or in confined spaces. The B-Safe 4:1 Access rope Kit provides has the ability for emergency rescue by being able to raise/lower height safety equipment users to safety.

These devices are capable of fall restraint, fall arrest or work positioning applications, as well as purely for the rescue and recovery requirements of people working at heights.

The B-Safe 4:1 Access Rope Kit comes in a number of models and the use depends on the application required.

MODEL: BR02055 - LIMITATIONS

1. BR02055 is for temporary access only and should not be left exposed to the environment.
2. Safe working load is 300Kg.
3. Hostile environments such as Acidic, Alkali of Caustic Solutions are detrimental to the unit and should be avoided.
4. The 4:1 Roping kit is intended for manual use only.



MODEL: BR02055 - AUTOLOCK ROPE KIT OPERATING INSTRUCTIONS

1. Check area below the location to ensure it is safe and clear of any other hazards. It may be dangerous to access into hazardous objects/locations. Ensure all appropriate check are made before deploying 4:1 Access Rope Kit. Make people in the area aware when you need to make an emergency descent.
2. To use the 4:1 Access rope Kit, connect the head Karabiner to selected Anchor point. Once connected allow secondary pulley to sit in rope falls. **WARNING** Advise personnel of the **DANGER** of falling pulley assembly if fall is long. The rope should be of sufficient length so as to allow user to access / reach required position below – ie if point required is 12m below the rope length required is 48m. Ensure that the rope is untangled and free to uncoil from the bag and is clear of any obstructions and is not tangled in any way.
3. When using for Access - connect the karabiner on the secondary pulley to the front rescue/recovery loops on the full body harness or used Spreader Bar connected to confined space loops on harness (Spreader Bar is recommended) and tighten any slack rope between the secondary pulley and the head pulley assembly. When using for Emergency Descent a rescue strop can be used instead of Full Body Harness - (harness that goes under the arms, shoulders and around the chest - fit the harness over your head, shoulders and arms so that it is secured around your chest, and tighten the adjuster on the harness around your chest to secure yourself in the harness. Again remove any slack rope between the two pulley assemblies. Locking pawl should be engaged.
4. Disconnect any other restraint devices that may be in use and manoeuvre user over the edge/into access space, keeping the rope between the 4:1 Rope Kit and user taught.
5. Once in position, the free end of the rope should be pulled to release autolock pawl – a slight move up of user will result – to lower user (ie downward movement) raise loose end of rope slowly. If descent speed is too great the autolock pawl will engage and arrest what in effect could be a fall. The control of descent speed is by user or standby person. **WARNING** Do not allow the ascending rope (rope travelling up) to run through bare hands - the ascending rope could cause burns to the hands.
6. **CAUTION** Once the descent begins, be aware of any nearby hazardous objects and sudden activity below.
7. Once descent to position required is reached pawl can be engaged either by stand by person manually or by user by allowing overspeed engagement.
8. If descent is emergency descent and ground level is reached disconnect karabiner from the front loops of the harness or remove the rescue strop. When using as an ascending system the same principles need to be followed.
9. This kit requires:
 - a. Inspection by a Height Safety Equipment Inspector every 6months in accordance with requirements of Clause 9.3.4(a) of AS/NZS1891.4 2009.
 - b. Servicing by an approved Service representative on an annual basis.



Note: Control of device by standby person.

SIGNAL WORDS

Note use of the following signal words **DANGER, WARNING AND CAUTION** with safety messages. These symbols mean **ATTENTION BECOME ALERT YOUR SAFETY IS INVOLVED!** The appropriate signal word for each has been selected using the following guidelines:



DANGER

Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury. The signal word is to be limited to the most extreme situations typically for machine components which, for functional purposes, cannot be guarded.



WARNING

Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.



CAUTION

Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

Every year many accidents occur which could have been avoided by a few seconds of thought and a more careful approach to handling equipment. You, the operator can avoid many accidents by observing the following precautions in this manual. To avoid personal injury, study following precautions and insist those working with you, or you yourself, follow them.

Replace any Caution, Warning, Danger or Instruction safety label that is not readable or is missing. **Do not attempt** to operate this equipment under the influence of alcohol or drugs. **Review** safety instructions with all users. **Operator should be a responsible adult. DO NOT ALLOW PERSONS TO USE OR MOUNT THIS UNIT UNTIL THEY HAVE DEVELOPED A THOROUGH UNDERSTANDING OF THE SAFETY PRECAUTIONS AND HOW THEY WORK.**

All users of this equipment must be regularly trained and certified to do so.

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