

# ROPE ADJUSTER INSTRUCTIONS

## The following information must be read and understood; failure to do so could result in serious injury or death.

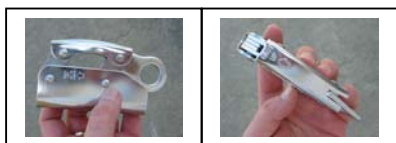
Working at heights is a dangerous practice. The following guidelines are of an inherently general nature and as such they are not a substitute for training, common sense and safe working practices. These products must only be used in an occupation/workplace where the user receives appropriate training under the respective government workplace legislation or from an approved supplier. For guidance on the use of fall protection equipment, its inspection, location of anchorage points and general fall protection practices we recommend AS/NZS 1891-4 be consulted.

1. Users of this equipment must check the condition of the equipment before and after each use. Do not use equipment if there is any doubt about its ability to perform as required.
2. This equipment must not be altered in any way.
3. Only one person at a time is to be connected to this equipment.
4. Any equipment involved in sustaining a fall must be withdrawn from service.
5. To gain any benefit from fall protection equipment it must be used correctly and be connected to a suitable anchorage point (see AS/NZS 1891-4 for information on anchorage points). When using fall protection equipment always confirm the connection visually and by loading the connection in the likely direction of load.
6. Where there is a likelihood of a free fall greater than 600mm, a full body harness must be used with an energy-absorbing component.
7. If any fall protection equipment is exposed to hazardous chemicals or atmosphere, the manufacturer should be consulted to determine whether the equipment is suitable for continued use.
8. Do not allow rope or webbing to come in contact with high temperature surfaces, welding, heat sources, electrical hazards or moving machinery
9. Never use fall protection equipment for purposes other than those for which it has been designed.
10. The compatibility of all components in a system should be checked by a competent person
11. When connecting always confirm the action and engagement of the hook latches along with any karabiners used.
12. Always connect the rope adjuster to the appropriate connection point on the harness (some points on a harness are for Fall Arrest whilst others are for Restraint only)

## USE

The Rope Adjuster is a Type 1 Fall Arrest Device which locks off onto the rope at any point. This is a manually operatable unit.

With the Manual unit there is a need to squeeze the unit to release the rope jaws; this will allow the operator to move the unit along the rope.



Great care must be exercised in attaching the rope adjuster to an anchorage line to ensure that the rope is passing through the unit in the correct direction, see pictures on the left. (If in doubt refer to the direction of the arrow on the rope adjuster)



Once the rope adjuster has been fitted to an Anchorage Line we recommend a knot to be tied on the rope to prevent the rope adjuster from slipping off the line (See picture on the right). A Rope Adjuster performs better on a rope that has some weight attached to the lower end of the rope to keep it taught.

The Miller Rope Adjuster must be used in conjunction with Miller 11mm Kermantle Rope (M3060132) or Miller 12mm Polyester Rope (61.008). This unit conforms to AS/NZS 1891.3 as a Type 1 Fall Arrest Device.

## Inspection of Rope Adjuster

It is important to ensure that the rope adjuster is visually inspected for signs of corrosion or damage, which might make the unit unsafe to use.

Also check the following:

- Free movement of parts.
- That the springs are present and acting correctly.
- That none of the metal components are distorted.
- That the eye of the unit does not show signs of wear or the creation of a burr where the karabiner passes through it.
- Check that no dirt or other contaminants is in the unit.



## Maintenance for Rope Adjuster

- o The user's company safety officer should maintain a record log of servicing & inspection dates for this unit. (See AS/NZS1891-4 for guidance on inspection cycles)
- o For cleaning use a mild soap or detergent in warm water. Rinse parts in luke warm water after cleaning. A clean dry cloth can be used to dry metal components.
- o Small applications of mineral oil can be used as a lubricant after cleaning, on mechanical devices such as karabiners and hooks.
- o After necessary cleaning, drying & lubrication, store the equipment in a dry, dark cool position, away from chemicals, corrosives, high humidity, sharp objects, U.V. radiations, salt environment, or any other possible causes of damage.
- o Do not store the equipment wet.



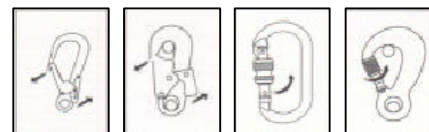
## Karabiners

The use of karabiners may be required when working with rope adjusters.

All Miller Karabiners conform to the relevant requirement of AS/NZS1891-4 as fall protection or restraint equipment.

## Before Using karabiners, You Must:

1. Check that this unit is compatible with all other components of your safety system.
2. Check that the connector is in good condition and that the gate and locking mechanisms function correctly.

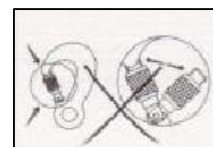
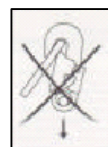


To use your karabiner, open the gate of the karabiner, by unscrewing (screwgate), twist & open (double action), or lift-up twist & open (triple action). Make a connection with the personal fall protection system as required. Release the gate, ensuring that it closes completely. If the karabiner is a screwgate, screw close the gate until finger tight. Double acting and triple acting karabiners will lock automatically – but always check that the karabiner is secured.

Karabiners or other connectors must only be used in the long axis, do not load across the gate. Please ensure that you check the closure of the gate and the locking mechanism on every use. Do not hook back or choke a karabiner back onto the attached lanyard.

## Do not use a karabiner if:

1. It shows signs of damage or wear
2. You have reason to believe that this unit has sustained a fall



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