
SAFETY DIRECT LTD.



Fall Protection Equipment Manufacturer

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Instructions for Door & Window and Patio Door Anchor Bars



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.

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.

Usage Instructions.

For Fall Arrest/Restraint the locking snap hook on the lanyard must be attached to the rear D-ring on an approved full body harness, visual confirmation of the locking of the gate on the snap hook must be obtained.

When attaching to a personal energy absorber, that is attached to the full body harness, the locking snap hook should be attached to the D-ring on the energy absorber and the locking of the snap hook confirmed.

When a shock absorbing lanyard is being used ensure that there is sufficient clearance below the work site to allow for the deployment of the shock absorber. The energy absorber can elongate 42 inches (1070 mm) when it is deployed after a fall incident.

The lanyard locking snap hook on the end opposite the full body harness must be attached securely to an approved anchorage that has a load rating of 5000 lbs or greater. The location of the anchorage should be chosen to limit the free fall distance so as not to exceed government or other applicable regulations or standards in effect.

Wherever possible the anchorage should be chosen to be directly above the work site, in order to reduce the possibility of a swing fall.

The length of a lanyard should be less than 6 feet (1830 mm) unless the anchorage point is above the attachment point to the full body harness.

Inspection.

All lanyards should be inspected by the user before each use and should be visually inspected by a competent person, other than the user, on an annual basis. A record of these inspections should be kept in a log.

When an inspection reveals any defects the lanyard must be removed from fall arrest service immediately and should not be returned to service until it has been reworked or repaired.

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

- a) That the lanyard has been subjected to fall arrest service.

- 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 lanyard by the addition or removal of any lanyard component from the original configuration.

- d) The removal or illegibility of the original labelling.

- e) Damage to the lanyard material including any spliced terminations or stitch patterns, including, cuts, tears, abrasion, burns, knots, kinks or excessive wear.

- f) Only persons or organizations authorized in writing by Safety Direct Ltd. shall make repairs to lanyards.

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 lanyards 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.

Lanyards should be cleaned with a wet sponge and a mild soap solution. The use of harsh detergents or chemicals is not recommended. After cleaning the lanyard should be rinsed in clear water and allowed to air-dry naturally. After washing hardware should be inspected and re-lubricated if necessary.

Lanyards 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.

HAZARD

The following situations should be avoided when using lanyards:

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

WARNING

Capacity of Door & Window Anchor Bar – 1 person

Capacity of Patio Door Anchor Bar – 1 person

Maximum Capacity – 5000 lbs

User is responsible for ensuring that the opening in the structure used to anchor the door & window anchor bar is capable of supporting 5000 lbs.

Remove from service after a fall arrest occurrence.

After a fall arrest occurrence the door & window anchor bar or the patio door anchor bar must be returned to Safety Direct for inspection.

User must ensure location arms are secured in the door, or window opening and that the moveable arm is tightened correctly.

Use only as per instructions.

User must be trained in proper use of Fall Protection.

Do not use two energy absorbers in series.

If not using the permanently attached Energy Absorber, you must attach an alternate Energy Absorbing device directly to the D- Ring on the anchor bar.

Vertical pull exerted on the door & window bar must not exceed 30 degrees from horizontal. (Figure 1).

Lateral pull exerted on the door & window bar must not exceed an angle of 30 degrees to perpendicular. (Figure 2).

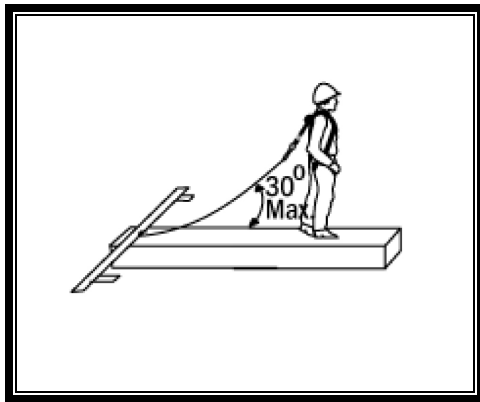


Figure 1.

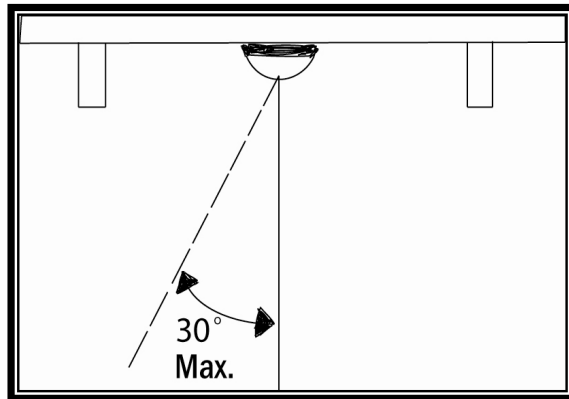


Figure 2.

Installation of Door & Window or Patio Door Anchor Bar

Step 1:

Place anchor bar on the floor between the door, window or patio door frame opening in the building structure.

Step 2:

The fixed anchor arm must be securely located against the inside of the structure opening. The moveable location arm should be adjusted to fit snugly in the structure opening and should be locked in place using the ratcheting handle. You must ensure that you do not operate the anchor bar if the adjustable anchor arm is located inside the orange caution zone.

Step 3:

Connect the lifeline/lanyard into the anchorage D Ring Connector on the door & window bar. You must have an energy absorber in your fall arrest system, (either using the energy absorber connected to the door anchor or one integral to the lanyard). Do not connect a second energy absorber in sequence on your fall arrest system.

Note: This is a one person system, do not have more than one person tied off on the door & window anchor bar or the patio door bar. The door & window anchor bar can be stacked one on top of the other to accommodate two people. Follow steps 1 through 3 using a 2x4 on the flat between the door & window bars.

The location of the door and window anchor bar should be checked frequently to ensure that the adjustable arm has not moved from its original position.

When moving the door and window anchor bar to an alternative position in the structure, the installation procedure must be repeated, in order to accommodate any differences in the structure.

Notes:

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