OPERATOR'S INSTRUCTION MANUAL

MODEL : 861 000 **ENGINE MODEL :** _____

SERIAL : _____ **ENGINE SERIAL :** _____

DATE OF PURCHASE : _____

PURCHASED FROM : _____

⚠ WARNING ⚠

THIS PRODUCT IS DESIGNED AND MANUFACTURED TO PROVIDE SAFE AND DEPENDABLE SERVICE IF OPERATED ACCORDING TO INSTRUCTIONS. THE MANUFACTURER PROVIDES THE FOLLOWING INSTRUCTIONS FOR USE AND CARE OF THIS EQUIPMENT AND RELIES UPON THE PURCHASER TO SEE TO IT THAT THESE INSTRUCTIONS ARE MADE CLEAR TO THE PERSONS WHO WILL ACTUALLY BE USING THE EQUIPMENT. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE.

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861 000 - HERCULES MOBILE ANCHORING SYSTEM

Thank you for purchasing this quality GRIZZLY product. With proper use and care, the Hercules Mobile Anchoring System will provide many years of reliable service. For the safety of all job-site personnel it is mandatory that the instructions provided for the use and handling of the equipment be read and thoroughly understood by the operators. All workers that use any type of fall protection equipment need to be fully trained with both written and verbal instruction by competent and/or qualified person in accordance with the applicable Health and Safety Legislation and Regulations in their Province or State. This information can be found in Canada in the Canada Labour Code, Provincial Regulations and The Canadian Standards Association (CSA) in the United States under OSHA and the ANSI Standards.

ALL PROVINCES AND STATES HAVE SPECIFIC TRAINING REQUIREMENTS FOR ALL USERS OF FALL PROTECTION EQUIPMENT. THIS MANUAL IS TO BE USED AS A TOOL FOR TRAINING AND IN NO WAY REPLACES TRAINING OF WORKERS BY QUALIFIED PERSONS.

CAUTION
INTENDED USE: THIS MACHINE IS INTENDED TO BE USED ON A FLAT ROOF. ABUSE AND OR MODIFICATION OF THIS EQUIPMENT VOIDS THE MANUFACTURER'S WARRANTY AND IS THE SOLE RESPONSIBILITY OF THE OWNER/USER, SHOULD ANY DAMAGE OR INJURY OCCUR.

DEFINITIONS

The following definitions apply to the present manual:

Fall Arrest System: An assembly of components that, when properly assembled and used together and when connected to a suitable anchorage, will arrest a workers fall.
Note: *a system designed solely for travel restraint or work positioning typically will not meet the requirements for fall arrest (Definition as per CSA).*

Personal fall arrest systems, PFAS ,when stopping a fall, shall: limit maximum arresting force on an employee to 1,800 pounds (8 kN) when used with a body harness; be rigged such that an employee can neither free fall more than 6 feet (1.8 m), nor contact any lower level; bring an employee to a complete stop and limit maximum deceleration distance an employee travels to 3.5 feet (1.07 m); and, have sufficient strength to withstand twice the potential impact energy of an employee free falling a distance of 6 feet (1.8 m), or the free fall distance permitted by the system, whichever is less.

Travel restraint: An assembly of components that, when properly assembled and used together and when connected to a suitable anchorage, prevents a worker from reaching an unprotected edge or opening where a fall could occur *(Definition as per CSA).*

Worker: for the purpose of this manual is any person that is protected by falling by using either a work positioning system, travel restraint, fall restricting or who may fall while using a fall arrest system. (*Definition as per CSA Z259.11-05).*To this manual a competent worker is considered:
"Competent worker", in relation to specific work, means a worker who,

- is qualified because of knowledge, training and experience to perform the work,
- is familiar with Applicable *Health and Safety Legislation* and with the provisions of the regulations that apply to the work, and
- has knowledge of all potential or actual danger to health or safety in the work.

User: Person that has received the necessary training to be authorized to use the equipment involved in the training.
The definition of a competent person and/or a qualified person can change between Provinces and Countries. Some examples are below:
Ontario
"Competent person" means a person who,

(a) is qualified because of knowledge, training and experience to organize the work and its performance,
(b) is familiar with this Act and the regulations that apply to the work, and
(c) has knowledge of any potential or actual danger to health or safety in the workplace; ("competent person")

Some OSHA (USA) and ANSI (American National Standards Institute) documents define a competent person as follows; Competent Person: One who is capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them.

Generally a competent person is someone with experience and knowledge enough to understand all the hazards that may be involved with the work and how to effectively control them. They should also have a good working knowledge of the particular laws pertaining to the work as well as the regulations and the CSA, ANSI or other recognised standards that pertain to the work and equipment.

INTRODUCTION

APPLICATION

The GRIZZLY HERCULES is a Mobile Anchoring System for fall protection that when used correctly and according to the directions in this manual and in compliance with all the regulations and standards. (These may change from Province to Province or State to State); will afford adequate fall protection for workers while working on flat roofs and similar structures.

NOTE: *All Provinces and States have specific training requirements for all users of fall protection equipment. This manual is to be used as a tool for training and in no way replaces training of workers by qualified persons.*

RESTRICTIONS

NOT FOLLOWING THE RULES OUTLINED FOR THE USE OF the GRIZZLY HERCULES Mobile Anchoring System may lead to serious injury or death.

In order to ensure the efficiency of the HERCULES Mobile Anchoring System, the following guidelines must be respected:

1. Minimum Safe Distance Required, A competent person must ensure that the system is set up in such a way that considering the distance of the fall, the HERCULES Mobile Anchoring Systemwill only be used in fall arrest mode on roofs or structures with enough minimum safe distance from the ground or a lower level to prevent the worker from falling far enough to hit the ground or the lower level. There should be at least a 3-foot margin of safety added to the fall distance calculations. A competent person must always do the necessary calculations to ensure that the minimum height restrictions are adhered too.

   The employer must ensure that personal fall arrest systems bring the employee to a complete stop and limit the maximum deceleration distance the employee travels to 3.5 feet (1.1 m).
   The employer must ensure that personal fall arrest systems have sufficient strength to withstand twice the potential impact energy of the employee free falling, 6 feet (1.8 m), or the free fall distance permitted by the system, means 4 feet for Hercules.

   The employer must ensure that Hercules is used by an employee having a combined body and tool weight of **less than 310 pounds (140 kg).**

Note: There are different limits to the amount of free fall allowed in some jurisdictions depends on the harness used, lifeline, shock absorber. There are several ways to calculate this distance including a "Splat Bag" or other equipment available from fall protection equipment suppliers or by calculating the distance considering the length of the lanyard and shock absorber – one of these calculations is described in (See figure 1 on next page). Free Fall of 6 ft can be exceeded only if max arrest force is maintained below 1800 lb. (8kN).

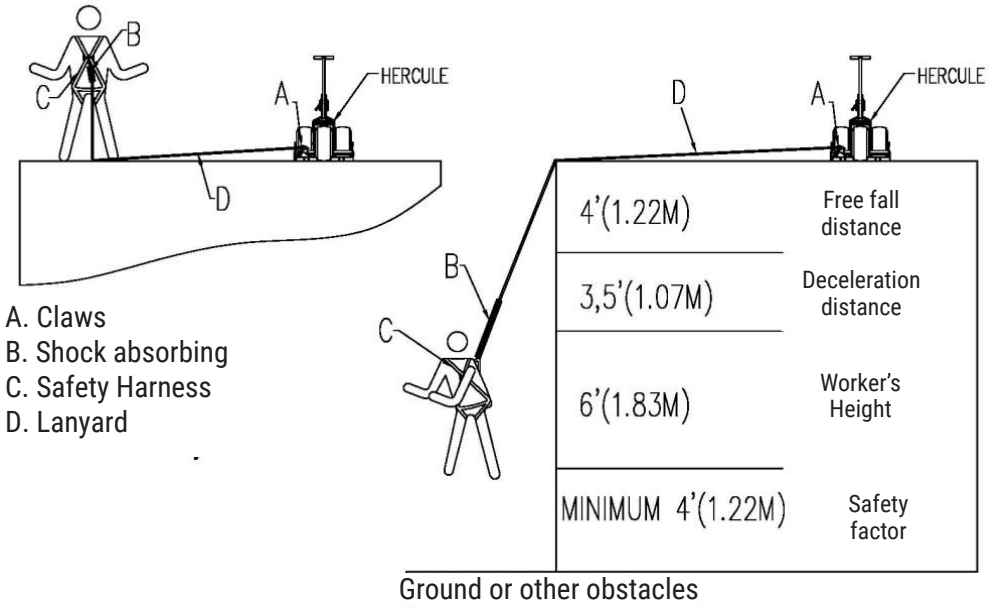


Figure 1

2. Horizontal lifeline: The HERCULES Mobile Anchoring System is **not designed** to be used as part of a horizontal lifeline system and shall not be used for that purpose.

3. Number of simultaneous users: the maximum number of users that may be secured to the HERCULES Mobile Anchoring System varies in accordance with the mode used:

- **In travel restraint mode: 4 workers (limit of one worker per anchorage / two per side of the Hercules) or**
- **In fall arrest mode: 2 workers (limit of one worker per pivot arm)**

However, **user has to comply with local regulation limit of user** in travel restraint mode or fall arrest mode.

4. **Roof types**: The HERCULES Mobile Anchoring System cannot be used on a sloped roof.

The mobile anchoring system must only be used on the following types of roofs, as it was only tested on these types:

- **Built-up asphalt and gravel**
- **Modified bitumen system**
- **Single-ply system such as fully adhered TPO, PVC, EPDM**
- **Elastomeric membrane**
- **Wood (deck), mechanically fixed plywood**

5. **Roof state**: Before setting up the HERCULES Mobile Anchoring System on a roof, the user must make sure that the roof **must be structurally sound and of sufficient strength to support the HERCULES Mobile Anchoring System + the weight of the users and their tools.**

6. The HERCULES Mobile Anchoring System must not be set up on water, frost, snow, ice, oil, grease, or any other substance that could decrease the adherence of HERCULES Mobile Anchoring on the roof.

7. **Safety equipment required for the use of the HERCULES Mobile Anchoring System**:
   Personal fall protection systems must be worn with the attachment point of the body harness located in the center of the employee's back near shoulder level. The attachment point may be in the pre-sternal position if the free fall distance is limited to 2 feet (0.6 m) or less.

   Harness Caution: Depending on the harness used, lifeline and shock absorber, the employer must ensure that personal fall arrest systems limit the maximum arresting force on the employee to 1,800 pounds (8 kN).

   The employer must ensure that personal fall arrest systems sustain the employee within the system/strap configuration without contacting the employee's neck and chin area.

   When vertical lifelines are used, each employee must be attached to a separate lifeline. Lifelines must not be made of natural fiber rope. Polypropylene rope must contain an ultraviolet (UV) light inhibitor.

   Ropes, lanyards, and harnesses used for personal fall protection must be compatible with all connectors used. Ropes and straps (webbing) used in lanyards, lifelines, and strength components of body harnesses shall be made from synthetic fibers or wire rope.

   Body belts (to a full body harness) shall be at least one and five-eighths (1 5/8) inches (4.1 cm) wide. Body belts are prohibited as part of a personal fall arrest system.

   Self-retracting lifelines and lanyards which automatically limit free fall distance to 2 feet (0.61 m) or less shall be capable of sustaining a minimum tensile load of 3,000 pounds (13.3 kN) applied to the device with the lifeline or lanyard in the fully extended position. Self-retracting lifelines and lanyards which do not limit free fall distance to 2 feet (0.61 m) or less, rip stitch lanyards, and tearing and deforming lanyards shall be capable of sustaining a minimum tensile load of 5,000 pounds (22.2 kN) applied to the device with the lifeline or lanyard in the fully extended position.

   Snap hooks and carabiners must not be connected to any of the following unless they are designed for such connections: Directly to webbing, rope, or wire rope; To each other; To a D-ring to which another snap hook, carabiner, or connector is attached; To a horizontal life line; or To any object that is incompatibly shaped or dimensioned in relation to the snap hook or carabiner such that unintentional disengagement could occur when the connected object depresses the snap hook or carabiner gate, allowing the components to separate.

   Dee-rings and snap hooks shall be proof-tested to a minimum tensile load of 3,600 pounds (16 kN) without cracking, breaking, or taking permanent deformation.

   Lanyards and vertical lifelines shall have a minimum breaking strength of 5,000 pounds (22.2 kN). Lanyard and vertical lifelines shall be protected against being cut or abraded, melted, or otherwise damaged. The user must install protector cushions on all sharp edges.

Depending on the mode chosen, each user must use the following equipment:

TRAVEL RESTRAINT MODE:

Two methods of travel restraint can be used

1. Connecting an adequately anchored lifeline directly to the D-ring of the worker's full body harness. It is critical that the length of the lifeline, measured from the anchor point, is short enough to restrain the worker from any fall hazard. **In this situation, a rope grab and shock absorber are not to be used.**
2. Attaching a lanyard from the D-ring of the worker's full body harness to a rope grab on a lifeline. There must be some means, such as a knot in the lifeline, to prevent the rope grab from sliding along the lifeline to a point where the worker is no longer restrained from falling.

It is recommended to keep the worker at least 1 foot back from the fall hazard (See figure 2)

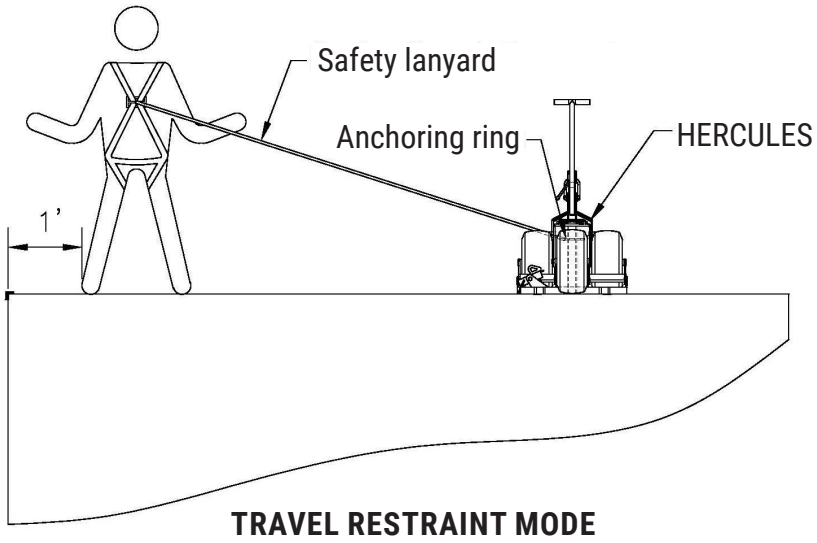


Figure 2

What should be done before using a travel restraint system?

The use of a travel restraint system must be thoroughly planned. Always do the following before using a travel restraint system:

- Identify all fall hazards in the work area. Plan for irregular (non-uniform) shaped areas or perimeters, surface openings, or locations near corners that may impact the range of travel.
- Select appropriate components such as carabineer, snap hook, Y-lanyard, and lifeline.
- Locate suitable anchor points. Select an anchor point that is as close as possible to being perpendicular to the unprotected edge, and at the center of the work area.
- Have a competent person inspect the travel restraint system thoroughly before (and after) use. If any part of the travel restraint system is defective, the component must be taken out of service immediately.

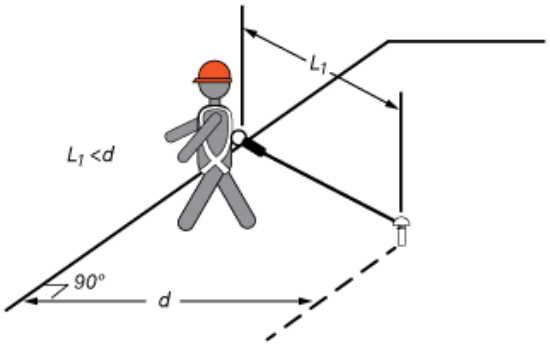
Note that if a travel-restraint system does not prevent a worker from reaching the edge (fall hazard), a fall-arrest system must be used.

What should be done when using a travel restraint system?

- **Adjust your connections to the anchor or change anchors** – It may not be appropriate to use a lifeline and/or lanyard with the same length if you are working in different work areas. Adjust your connection to the anchor or change anchors to provide travel restraint for each work area.

When changing your anchor points, always use the Y-lanyard which ensures the worker is tied off 100% of the time. When using the Y-lanyard, one connector is always connected to a fall protection anchorage, while the other can be attached in a new location to allow the worker to change location and remain tied-off.

- **Adjust the system** – Adjust the system so that the connection between the worker and the anchor when fully extended prevents the worker from reaching any point where the worker may fall.
- **Be aware of sharp edges** – The sharp edges cause damage to the lifeline or lanyard, including a self- retracting lifeline or lanyard as it hits and rubs against the edge. If that happens and if a worker fell, the force of stopping the fall would likely cause the lifeline or lanyard to break.



Note : *L_1 < (d-0.9 m). For example, if d=2 m, then L_1 is less than 1.1 m (2.0 m-0.9 m).*

Travel restraint situations – single anchor. From: CSA Z259.17-21

FALL ARREST MODE:

If workers cannot be protected from falls by guardrails or travel restraint, they can be protected by one of the following methods:

- fall-restricting system
- fall-arrest system

In the event of a fall, these systems must keep a worker from hitting the ground, the nextlevel below, or any other objects below.
The employer shall provide for prompt rescue of employees in the event of a fall or shall assure that employees are able to rescue themselves.

The employer must implement safe fall protection and rescue procedures and provide for prompt rescue of each employee in the event of a fall. No fall protection program would be complete without provisions for prompt rescue after a worker has fallen and remains suspended, unable to evacuate him or herself to a safe working level.

A FALL-RESTRICTING SYSTEM

A fall-restricting system is designed to limit a worker's free fall distance to less than 0.6 meters (2 feet). One method to comply with this is to use a Self-Retracting Lanyard that is set up to adequately limit a workers fall distance. Self-Retracting Lanyards should be used with a CSA approved personal shock absorber, CSA Z259.11-M92 (R2003) wherever possible, as long as this will not increase the fall distance and allow the worker can hit an obstacle or a lower level.
Another method would be to use a short lanyard that would not allow more than 2-foot free fall.
When employers use fall restraint systems to prevent workers from reaching unprotected sides or edges, they must train workers how to determine the appropriate lanyard length prior to beginning work.

Note: every precaution should be taken to always reduce the free fall as much as possible.

A FALL-ARREST SYSTEM

- Must include a CSA-approved full body harness; CSA 259.10-06 (R2010)
- Shock absorbing lanyard conforming to CSA Z259.11-M92 (R2003)
- Safety lanyard conforming to CSA Z259.11-05 (R2010). The rope must be adjusted in such a way not to allow free-fall of more than 4 feet (1, 2 meters).

NOTE: The user must install protective cushions on all sharp edges to prevent damage to vertical lifelines or lanyards, so that they are not cut, braided, melted, or otherwise damaged. (See Figure 3 on next page)

Adequate precautions shall be taken to protect the platform, wire ropes and lifelines from damage due to acids or other corrosive substances, in accordance with the recommendations of the corrosive substance producer, supplier, platform manufacturer or other equivalent information sources. Platform members which have been exposed to acids or other corrosive substances shall be washed down with a neutralizing solution, at a frequency recommended by the corrosive substance producer or supplier.

Body belts, harnesses, and components shall be used only for employee protection (as part of a personal fall arrest system or positioning device system) and not to hoist materials. Never use this equipment for any purpose other than personal fall arrest.

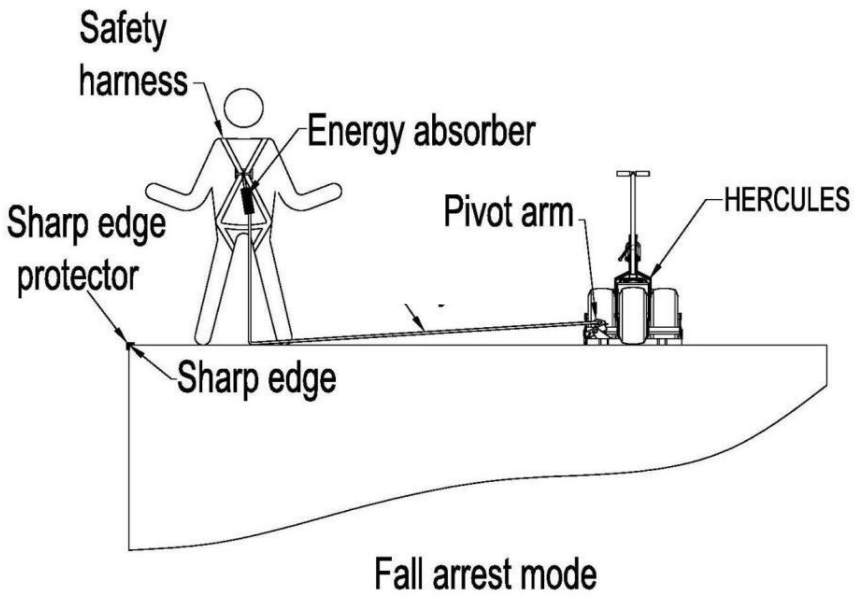


Figure 3

NOTE: Snap Hooks Shall be comprised of a hook shaped body with a normally closed keeper or similar arrangement that may be opened to receive an object and when release automatically closes to retain the object. The Self-Locking type, required by CSA Z259.1-95 (R2004) shall have a self-closing, self-locking keeper that remains closed and locked until intentionally unlocked and opened for connection or disconnection only by at least two consecutive and deliberate manual actions.

Unless the snap hook is a locking type and designed for the following connections, snap hooks shall not be engaged: directly to webbing, rope or wire rope; to each other; to a dee-ring to which another snap hook or other connector is attached; to a horizontal lifeline; or to any object which is incompatibly shaped or dimensioned in relation to the snap hook such that unintentional disengagement could occur by the connected object being able to depress the snap hook keeper and release itself.

The HERCULES Mobile Anchoring System must only be used by an authorized user. Most regulations require that the employer ensures that an authorized user is a Competent Worker/Person, and the installation and use of this equipment must be supervised by a competent person.

Positioning on the roof. The HERCULES Mobile Anchoring System must be placed parallel to the edge of the roof at a minimum distance of 9 feet (2,75 meters) in such a way that the teeth on the yellow pivot arms are on the same side as the users when in fall protection mode. Once the HERCULES Mobile Anchoring System is in place, the wheels must be lifted with the use of the built-in jacks at each end of the machine. Once the wheels are off the ground and the HERCULES Mobile Anchoring System rests on the roof, the system is ready to use. The HERCULES Mobile Anchoring System must be placed vis-à-vis the workplace, and it must be moved as required to in such a way to avoid a pendulum effect in case of a fall. (See figure 4)

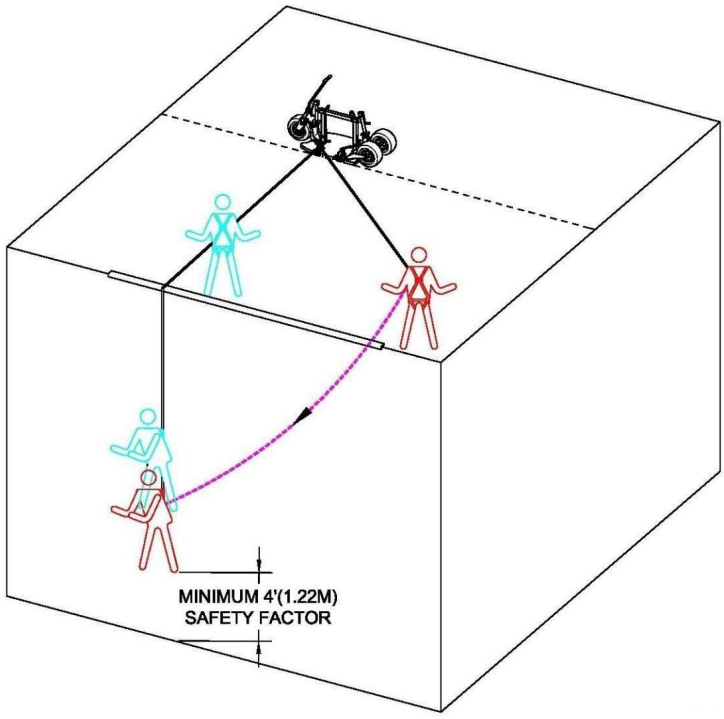
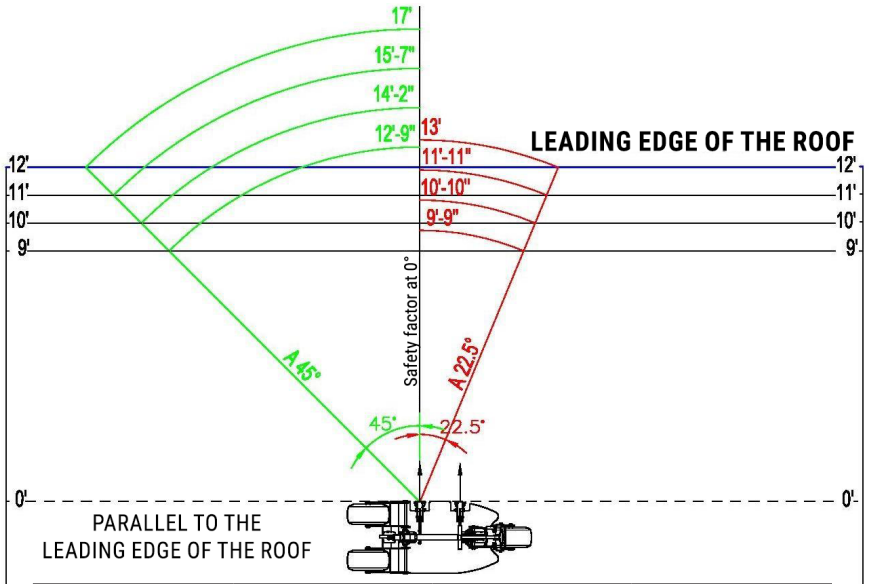


Figure 4

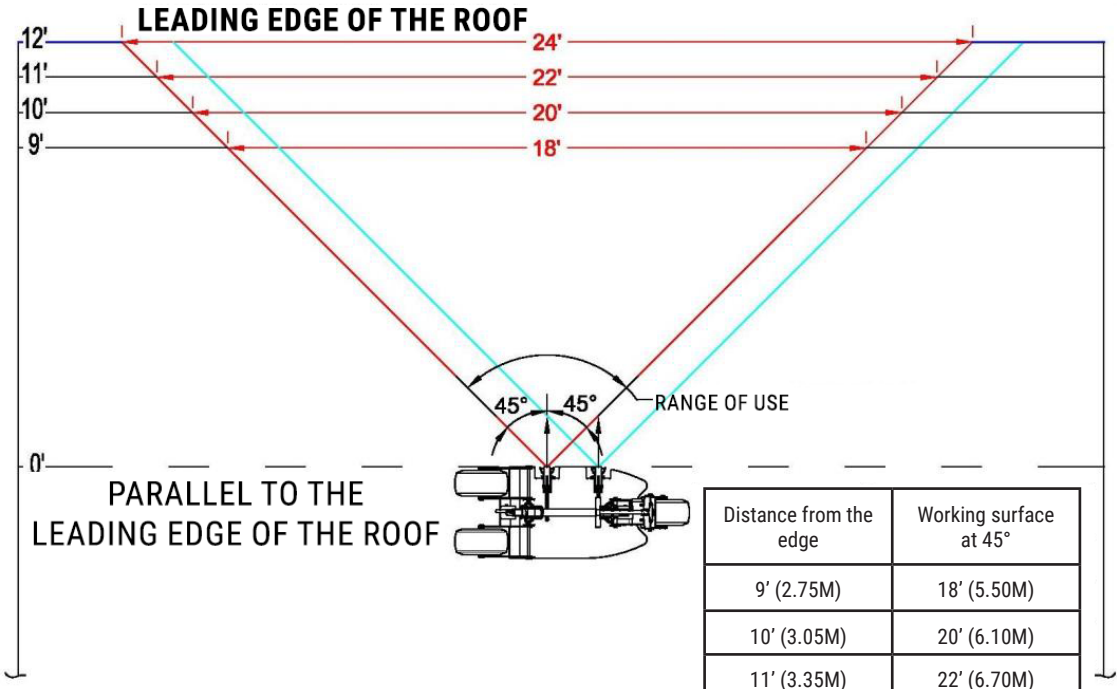
The following table (see Figure 5) allows you to calculate the safety factor to use when determining the minimum height of the working surface relative to the ground or any other obstacle when using in fall arrest mode.



Distance from the edge	Safety factor at 0°	Safety factor at 22.5°	Safety factor at 45°
9' (2.75M)	4' (1.22M)	4'9" (1.45M)	7'9" (2.37M)
10' (3.05M)	4' (1.22M)	4'10" (1.48M)	8'2" (2.49M)
11' (3.35M)	4' (1.22M)	4'11" (1.50M)	8'7" (2.62M)
12' (3.65M)	4' (1.22M)	5' (1.53M)	9' (2.75M)

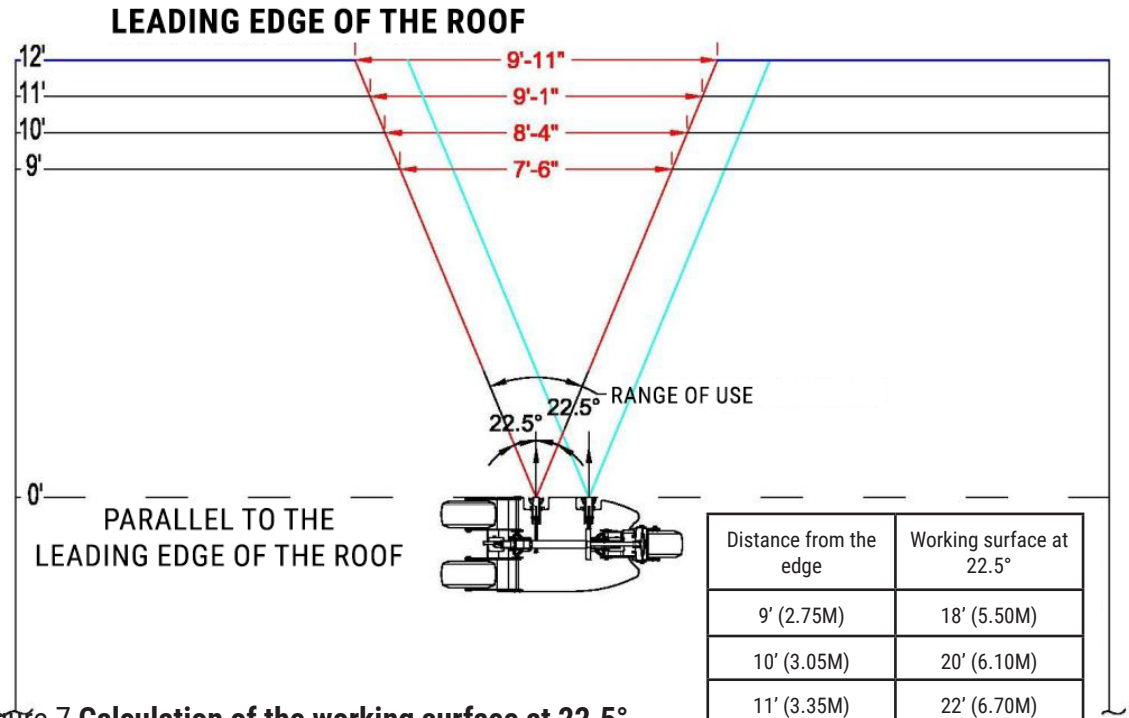
Figure 5

The following tables (see Figures 6 and 7) illustrate the working surface at the leading edge of the roof based on the distance at which you have positioned the Hercules mobile anchoring system. The further the user moves away from the leading edge, the greater the range of use, but the more pronounced the pendulum effect will be.



Distance from the edge	Working surface at 45°
9' (2.75M)	18' (5.50M)
10' (3.05M)	20' (6.10M)
11' (3.35M)	22' (6.70M)
12' (3.65M)	24' (7.30M)

Figure 6 **Calculation of the working surface at 45°**



Distance from the edge	Working surface at 22.5°
9' (2.75M)	18' (5.50M)
10' (3.05M)	20' (6.10M)
11' (3.35M)	22' (6.70M)
12' (3.65M)	24' (7.30M)

Figure 7 **Calculation of the working surface at 22.5°**

USE

PRELIMINARY VERIFICATION

Before lifting the HERCULES Mobile Anchoring System onto the roof, the user must insure the structure is able to s**ustain a static load of 1000 pounds (454 kg) + the weight of the users and their tools.** Moreover, it is necessary to make sure the HERCULES Mobile Anchoring System is set up at least 9 feet (2.75 meters) from the edge of the roof.

CALCULATIONS

All calculations must be made before the HERCULES Mobile Anchoring System is set on the roof. These calculations will help determine if the HERCULES Mobile Anchoring System can be used in a fall arrest mode or if it will have to be used in travel restraint mode do to a lack of minimum height. The work area, the distance from the roof edge and any angle at which the users will work also need to be predetermined.

POSITIONING ON THE ROOF

The HERCULES Mobile Anchoring System must be placed parallel to the edge of the roof at a minimum distance of 9 feet (2,75 meters) so that when used in Fall Arrest Mode the teeth on the yellow pivot arms are on the same side as the users. Once the HERCULES Mobile Anchoring System is in place, the wheels must be lifted with the use of the built-in jacks at each end of the machine. Once the wheels are off the ground and the HERCULES Mobile Anchoring System rests on the roof, the system is ready to use. The HERCULES Mobile Anchoring System must be placed vis-à-vis the workplace and it must follow the users as they go along in such a way to avoid the pendulum effect in case of a fall.

For use in travel restraint mode, the user must anchor his safety lanyard to one of the blue rings located on the vertical post. (See figure 8)

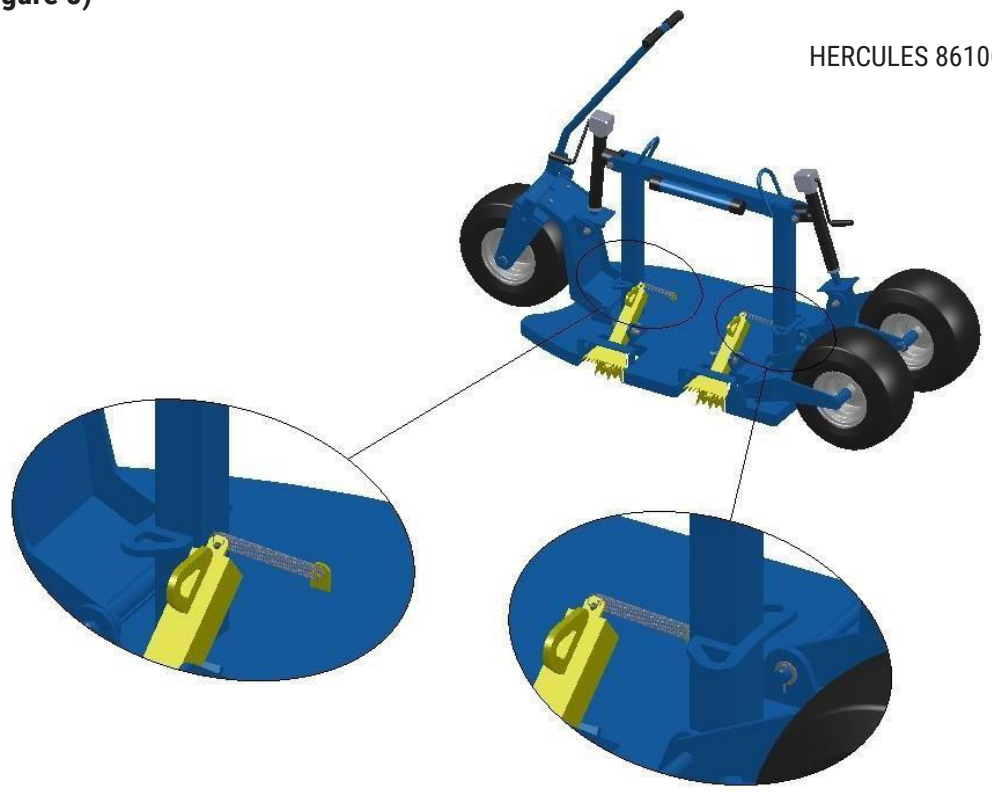


Figure 8

For use in fall arrest mode, the user must anchor his safety lanyard to one of the yellow pivot arms. No more than one user per yellow pivot arm. (See figure 9)

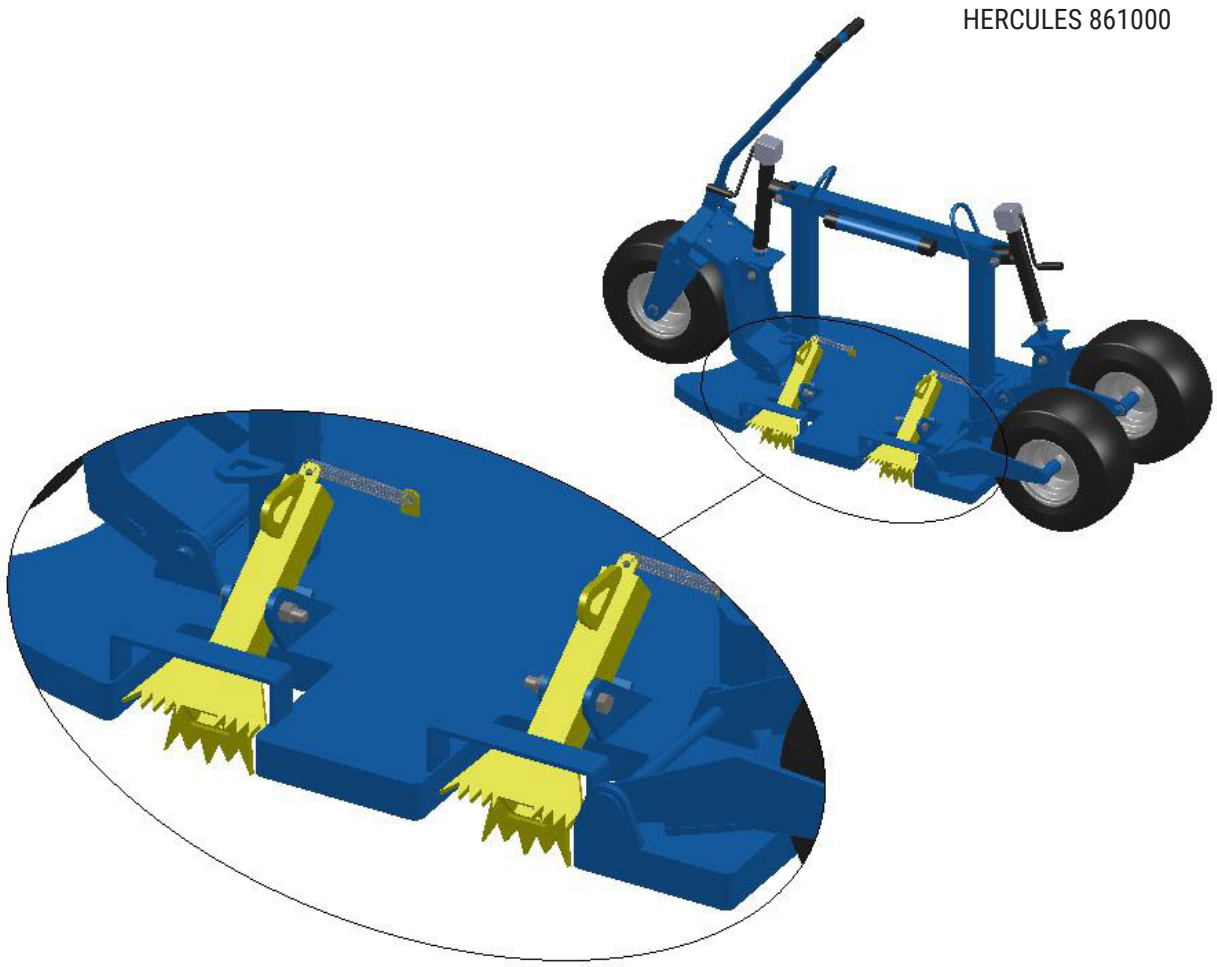


Figure 9

TRAINING

All Provinces and States have specific training requirements for all users of fall protection equipment. This manual is to be used as a tool for training and in no way replaces training of workers by qualified persons.

It is the responsibility of every employer to ensure that their workers to understand how to safely use this equipment. A complete training program will include a theoretical section and a practical section. The training must be conducted by a competent person and include information on how to recognize fall hazards and on what procedures to follow to minimize them to avoid unsafe conditions.

Each user must be taught the right way to use the HERCULES Mobile Anchoring System (conditions of use, installation method, distinction between travel restraint and fall arrest, require material depending on the mode used, how to inspect, erect/disassemble, and maintain the fall protection equipment involved in the work etc.) Training must also include how to complete a pre use inspection of the HERCULES Mobile Anchoring System. Workers must also be instructed on the correct way to calculate the total distance of a fall and calculate the minimum safe distance they will require fortheir anchorage and equipment they will be using.

INSPECTION, MAINTENANCE, STORAGE

INSPECTION

Personal fall arrest systems shall be inspected prior to each use for wear, damage and other deterioration, and defective components shall be removed from service. All personal fall arrest systems such as full body harnesses, lanyards/shock absorbing lanyards, hooks/carabiners, tie-off adapters/anchor plates, self- retracting lifelines, and temporary guardrails must be inspected.

All parts of the equipment including control systems shall be inspected, and, where necessary, tested by a competent person at intervals specified by the manufacturer/supplier, but not to exceed 12 months, to determine that they are in safe operating condition. Parts subject to wear, such as wire ropes, bearings, gears, and governors shall be inspected and/or tested to determine that they have not worn to such an extent as to affect the safe operation of the installation.

Employers must ensure that fall arrest equipment Hercules subjected to the forces of a fall are taken out of service until it has been inspected by a competent person and determined to be undamaged and suitable for reuse.

The HERCULES Mobile Anchoring System must be inspected before every use. The user must use the verification list in section 8 of the present manual. The inspection aims to identify elements that could affect the efficiency of the HERCULES Mobile Anchoring System (missing or damage parts, corrosion, etc.).

The HERCULES Mobile Anchoring System must be inspected at least once a year by the manufacturer or a Competent/Qualified person. In the case of a fall, the HERCULES Mobile Anchoring System must be verified by the manufacturer before it can be used again. This inspection aims to ensure the HERCULES Mobile Anchoring System always adheres to the necessary specifications for its smooth and safe functioning.

MAINTENANCE

The HERCULES Mobile Anchoring System does not require any particular maintenance, other than greasing of the wheel bearings and checking tire pressure. However, if the user notes an abnormality at the inspection prior to its use, the HERCULES Mobile Anchoring System must be removed from use and tagged: "Dangerous – Out of Use". The required repair must be made before putting back into service. Any part used for a repair must guarantee a safety level at least equal to the one of the original part. Any repairs that are integral to the safety of the equipment and its users must be approved by the manufacturer.

STORAGE

The HERCULES Mobile Anchoring System must be stored in such a way as to not be exposed to shocks, bad weather, corrosive substances or any other element that could damage it. Moreover, it is recommended not to store the HERCULES Mobile Anchoring System at height due to its weight and the risks of injury.

LIFTING

The HERCULES Mobile Anchoring System includes two lifting rings located on top of its chassis. These rings are to be used only for slings and lifting hooks. At no time are these rings to be used as an anchor point for the users. (See figure 10)

You must always insure that the lifting and hooking accessories used are in good condition and that they have the load capacity required to lift the HERCULES Mobile Anchoring System.

Never use the eyelets yellow pivot arms or the anchoring rings for travel restraint to lift the HERCULES Mobile Anchoring System.

IT IS STRICTLY FORBIDDEN TO USE THE BLUE RINGS LOCATED ABOVE THE DEVICE AS AN ANCHOR POINT. (These rings are only to be used for lifting the equipment, see figure 10)

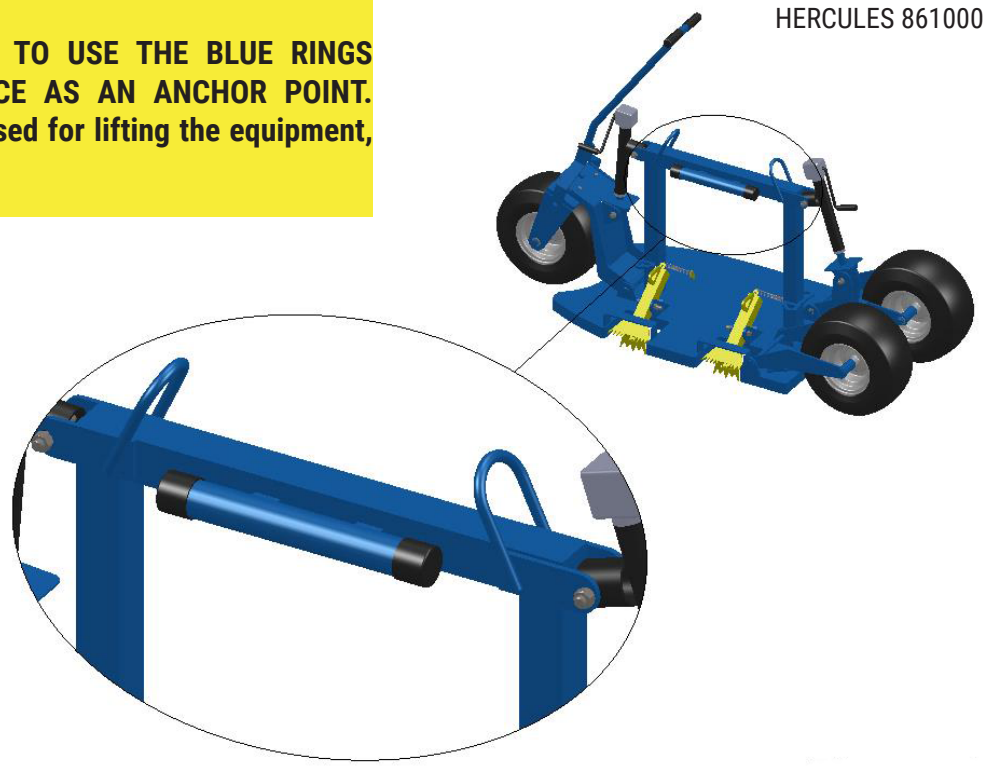
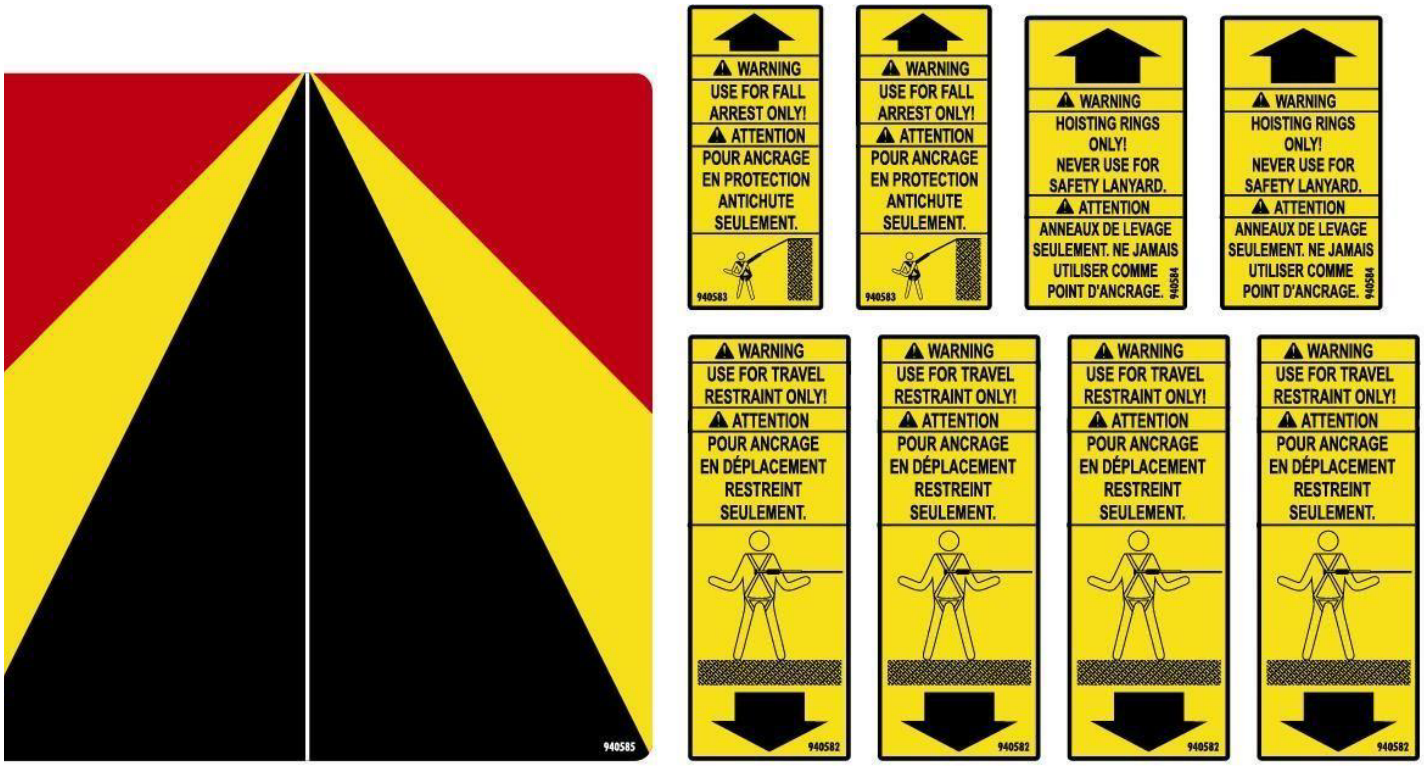


Figure 10

STICKERS

At the time of visual inspection, it is necessary to verify the presence of the following stickers. If they are damaged, missing or unreadable, please contact GRIZZLY ASE to obtain replacement stickers.



INSPECTION CARD

PRE-USE AND INSPECTION FORM FOR GRIZZLY 861 000 HERCULES MOBILE ANCHORING SYSTEM

Please make copies of this form and complete it before each use in two copies. A completed form must follow the Hercules mobile anchoring system on site and the other is for your records.
Users must review this form prior to use.

SERIAL #: _____ INSPECTION DATE: _____

ADDRESS OR PROJECT NAME: _____

HEIGHT BETWEEN THE PLACE THE HERCULES WILL BE POSITIONED AND THE GROUND OR ANY OBSTACLE: _____

Caution: Employers calculate the total fall distance before work begins to ensure that the proper fall protection equipment is selected for the location. Safe distance for fall should be calculated by a competent person before use and should comply with all local regulations.

Travel restraint is always preferred over fall arrest.

Does this project allow the use of the mobile anchoring system in fall arrest mode? Yes ☐ No ☐

Comment : _____

Inspection :

	Conform			Conform	
	Yes	No		Yes	No
Welds			General condition		
Anchors			Lifting rings		
Pivot arms			Stickers		
Jacks			Corrosion		
Wheels			Other		

If non-compliance is noted, please label «Dangerous - Out of Order» and have unit repaired before reusing.

Signed : _____ Name (bloc letters) : _____

Model: _____

Serial #: _____ Date purchased: _____

(A) EXPRESS WARRANTY: Manufacturer warrants each product to be free from defective material and workmanship for a period of 6 months from date of delivery to purchaser or 3 months when the purchaser is a rental business. The material and workmanship on electrical equipment and hydraulic equipment are warranted for a period of 90 days from date of shipment to the purchaser. This warranty does not cover the engine or tires which are covered by separate warranties of respective manufacturers.

This warranty does not apply to brushes, v-belts, cutting tools, cable or wire ropes, and impellers.

CONDITIONS: Since manufacturer is making equipment designed for specific purposes, any shop modification made to said equipment by the owner, freight damage, collisions, overturn, dropping, water damage or damage to the machine or equipment after shipment by manufacturer voids the warranty. Warranty is further void is the equipment is subject to unusual, improper use or abuse or for purpose for which is was not intended. The warranty is void if the machine or equipment is transferred to the possession of another by the original purchaser.

PARTS & SERVICES: During the warranty period as set forth in the express warranty parts found defective by the manufacturer's inspection and covered by the warranty will be replaced free of charge, F.O.B. St-Léonard, Québec. The warranty card must be filled out and returned to the manufacturer at the time the product is put into service for warranty to be valid. Warranty claims are limited to the machine or equipment sold by the manufacturer and under no conditions do they extend to work spoilage, contracts lost, or other costs that may accrue to the user or owner of the equipment and in no event shall the manufacturer be liable for any special or consequential damages.

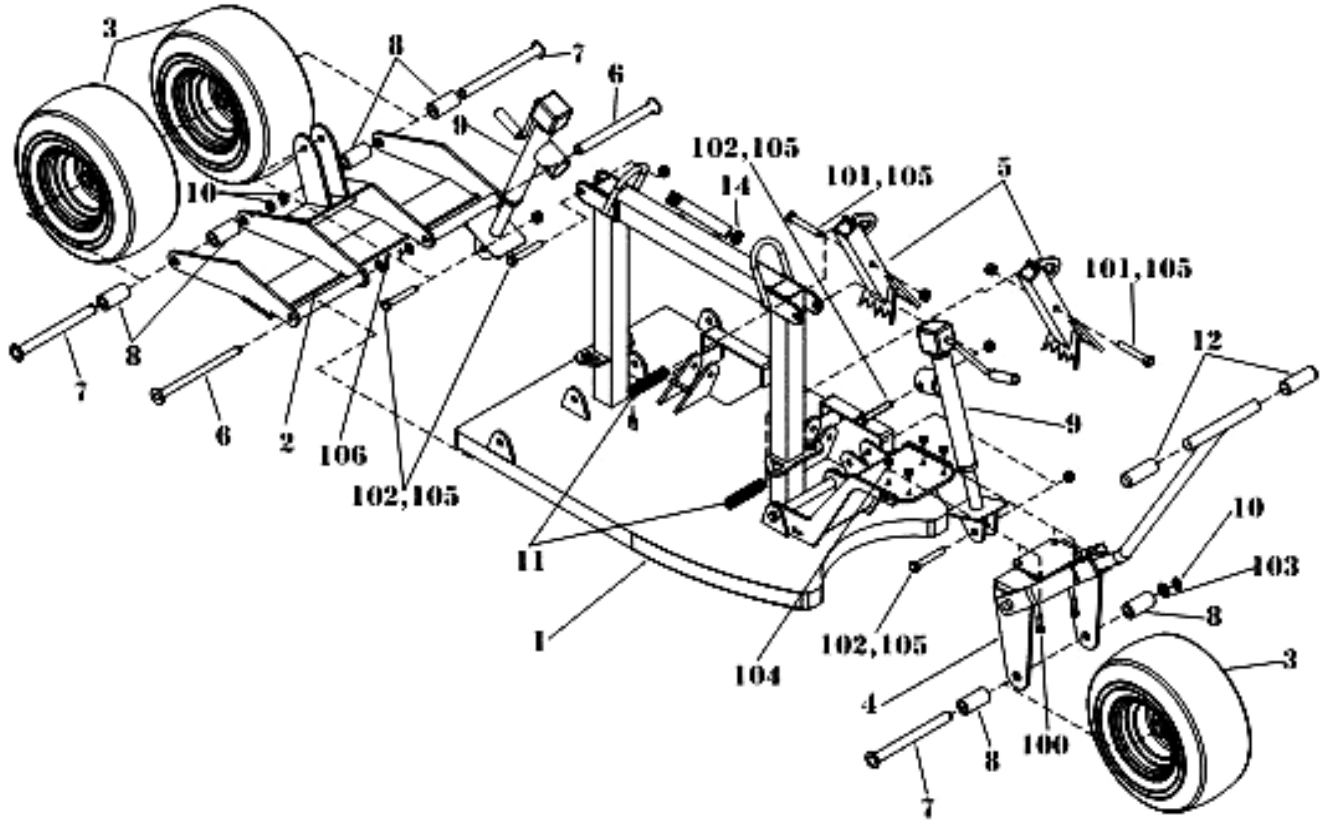
This card must be filled out completely and mailed with ten (10) days from date equipment is delivered or warranty is null and void.

# and name of equipment:	Model #
Serial #:	Date delivered:
Name of purchaser:	
Address:	City:
Province/State:	Postal Code/Zip:
Purchased from (dealer's name):	
Address:	City:
Province/State:	Postal Code/Zip:

Signature of Purchaser: _____

(If purchaser is a corporation, this card must be signed bu corporate officer)

☐ Please send product catalogue.



ITEM.	NO.	QTY.	DESCRIPTION
1	861001	1	FRAME
2	860002	1	REAR WHEEL SUPPORT
3	935006	3	WHEEL
4	860004	1	SWIVEL FORK AND HANDLE
5	861005	2	TOOTHED ANCHORING ARM
6	860006	2	PIN
7	860007	3	AXLE
8	860008	6	WHEEL SPACER
9	860009	2	JACK
10	940164	3	COTTER PIN
11	937011	2	SPRING
12	940007	2	HANDLE GRIP
100	910253	4	BOLT,HEX.
101	910363	2	BOLT,HEX.
102	910365	4	BOLT,HEX.
103	912021	3	WASHER
104	913511	4	LOCK-NUT
105	913515	6	LOCK-NUT
106	914705	2	COTTER PIN
	940588	1	LABEL KIT

DATE: 04.01.2011 REV.: 07.01.2019 EQUIPMENT GRIZZLY EQUIPMENT	HERCULES MOBILE ANCHORING DEVICE 861000