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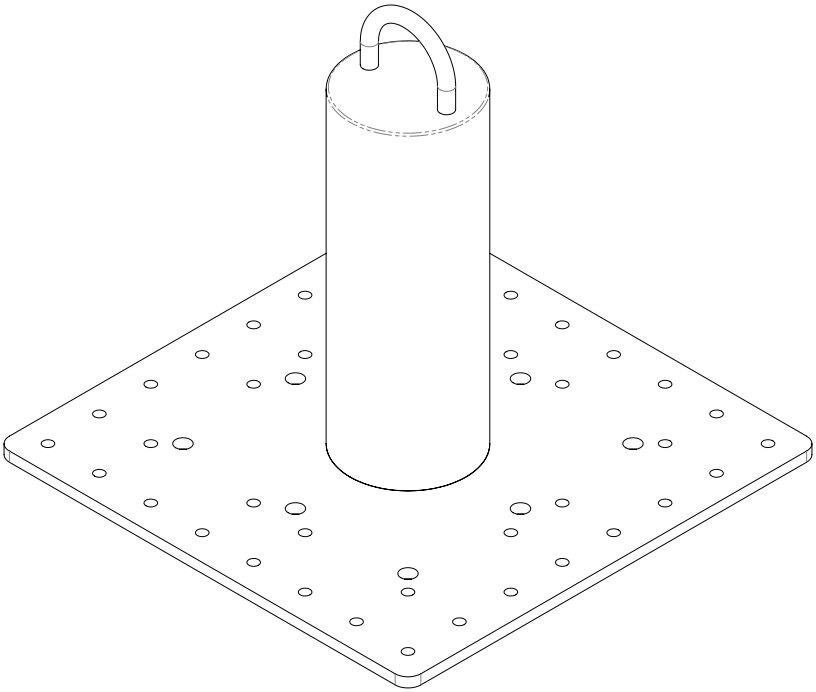


OPERATION AND INSTRUCTION MANUAL
POST ANCHOR
Model # A525400

WARNING: ALL USERS OF THIS EQUIPMENT MUST READ AND UNDERSTAND ALL INSTRUCTIONS. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH. USERS SHOULD BE FAMILIAR WITH PERTINENT REGULATIONS GOVERNING THIS EQUIPMENT. ALL USERS OF THIS PRODUCT MUST BE PROPERLY INSTRUCTED ON HOW TO USE THE DEVICE. AVOID CONTACT WITH PHYSICAL HAZARDS (THERMAL, CHEMICAL, ELECTRICAL, ETC.). MAKE ONLY COMPATIBLE CONNECTIONS.

V1.0-A

Read This Instruction Manual Carefully Before Using This Equipment.

User Instructions must always be available to the user and are not to be removed except by the user of this equipment. For proper use, see supervisor, User Instructions, or contact the manufacturer. Werner Co. can supply additional information upon request.

⚠ WARNING ⚠

Compliant fall protection and emergency rescue systems help prevent serious injury during fall arrest. Users and purchasers of this equipment must read and understand the User Instructions provided for correct use and care of this product. All users of this equipment must understand the instructions, operation, limitations and consequences of improper use of this equipment and be properly trained prior to use in accordance with applicable standards. All references to "applicable standards" refer to ANSI, OSHA, state, local, and/or federal standards that apply to approved use. The local competent person must keep these instructions, make them available to users, and require their use.

Misuse or failure to follow warnings and instructions may result in serious personal injury or death.

PURPOSE

The A525400 is an anchorage connector designed to function as an interface between the anchorage and a single fall arrest, work positioning, rope access, or rescue system for the purpose of coupling the system to the anchorage. Any references to "anchorage connector" in this manual include, and apply to, the A525400.

USE INSTRUCTIONS

1. A user must be of sound mind and body to properly and safely use this equipment in normal and emergency situations.
2. Before using a personal fall arrest system, user must be trained in accordance with the requirements of OSHA 29 CFR 1910.30 and 1926.503 in the safe use of the system and its components.
3. Only use with systems that comply with applicable standards. The anchorage must have the strength capable of supporting a static load, applied in the directions permitted by the system, of at least 5,000-lbs (22kN) in the absence of certification.
4. The user shall be equipped with a means of limiting the maximum dynamic forces exerted on the user during the arrest of a fall to a maximum of1800-lbs (8kN).
5. Use of this product must be approved by an engineer or other qualified person (as defined by OSHA 29 CFR 1926.32 (m)) to be compatible with any and all structural and operational characteristics of the selected installation location and system to be connected to this anchorage connector.
6. The anchorage connector must be inspected prior to each use by a qualified person or rescuer for wear, damage, and other deterioration. If defective components are found the anchorage connector must be immediately removed from service in accordance with the requirements of OSHA 29 CFR 1910.140, 1926.502 and the manufacturer's inspection requirements.
7. The anchorage connector should be positioned in such a way that minimizes the potential for falls and the potential fall distance during use. The complete fall arrest system must be planned (including all components, calculating fall clearance, and swing fall) before using.
8. A rescue plan, and the means at hand to implement it, must be in place that provides the prompt rescue of users in the event of a fall, or assures that users are able to rescue themselves.
9. After a fall occurs the anchorage connector must be removed from service and not used until re-certified by a qualified person through testing or analysis.
10. Prior to installation of the anchorage connector, remove any surface contamination that could accelerate abrasion of the attached components.

USE LIMITATIONS: This anchorage connector has been tested in compliance with the requirements of ANSI/ASSE Z359.7. Compliance testing covers only the hardware and does not extend to the anchorage and substrate to which the anchorage connector is attached. The anchorage connector must not be used outside its limitations, or for any purpose other than that for which it is intended. If this anchorage connector is used differently from these instructions, it must be designed, installed, and used under the supervision of an engineer according to ANSI Z359.6 and local building codes as applicable.

1. The anchorage connector is designed for single user.
2. The anchorage connector is designed to be used in temperatures ranging from -30ºF to +130ºF (-34°C to +54°C).
3. Do not expose the anchorage connector to chemicals or harsh solutions which may have a harmful effect.
4. Do not alter or modify this product in anyway.
5. The anchorage connector may only be loaded in acceptable directions shown under LOADING CONDITIONS DIAGRAM.
6. Proof loading shall not exceed 1800-lbs. Apply load from center post, in a direction parallel to the anchorage substrate. Top loop shall not be proof loaded.
7. Caution must be taken when using any component of a fall protection, work positioning, rope access, or rescue system near moving machinery, electrical hazards, sharp edges, or abrasive surfaces, as contact may cause equipment failure, personal injury, or death.
8. If attaching the anchorage connector to the support structure by methods other than instructed, the attachment must be certified by a qualified person to meet the requirements of the system that will connect to the anchorage connector.
9. Do not use/install equipment without proper training by a "competent person" as defined by OSHA 29 CFR 1926.32(f).
10. Do not remove the labeling from this product.
11. Additional requirements and limitations may apply depending on anchorage type and fastening option utilized for installation. All placements must be approved by an engineer or other qualified person.
12. This anchorage connector should not be used as part of a horizontal lifeline system that has not been designed and/or approved to be used with 5,000-lbs (22kN) anchorage connectors.
13. The anchorage connector should only be used as intended (see PURPOSE).
14. The anchorage connector shall not be used for lifting equipment or as a tie-back anchorage.

COMPATIBILITY LIMITATIONS

Anchorage connector must only be coupled to compatible connectors. OSHA 29 CFR 1926.502 prohibits snaphooks from being engaged to certain objects unless two requirements are met: it must be a locking type snaphook, and it must be "designed for" making such a connection. "Designed for" means that the manufacturer of the snaphook specifically designed the snaphook to be used to connect to the equipment listed. The following connections must be avoided, because they can result in rollout* when a nonlocking snaphook is used:

- Direct connection of a snaphook to horizontal lifeline.
- Two (or more) snaphooks connected to one D-ring.
- Two snaphooks connected to each other.
- A snaphook connected back on its integral lanyard.
- A snaphook connected to a webbing loop or webbing lanyard.
- Improper dimensions of the D-ring, rebar, or other connection point in relation to the snaphook dimensions that would allow the snaphook keeper to be depressed by a turning motion of the snaphook.

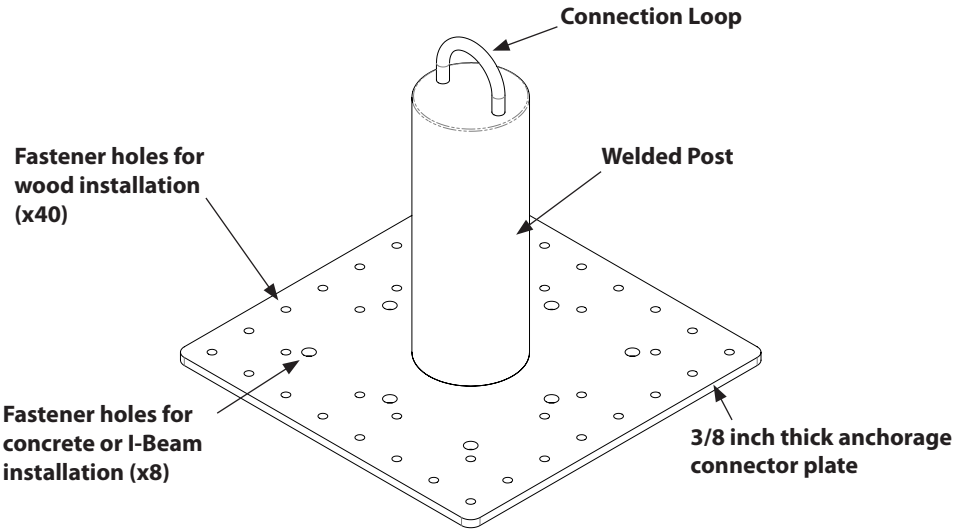
***Rollout: A process by which a snaphook or carabiner unintentionally disengages from another connector or object to which it is coupled. (ANSI Z359.0-2007)**

PERFORMANCE:
Minimum Breaking Strength: 5000-lbs (22kN)
Maximum Capacity: One worker when used as a single point anchorage connector for personal fall arrest or restraint system

REGULATORY COMPLIANCE:
ANSI Z359.7-2019, ANSI Z359.18 Type A, OSHA 1926.502, OSHA 1910.140

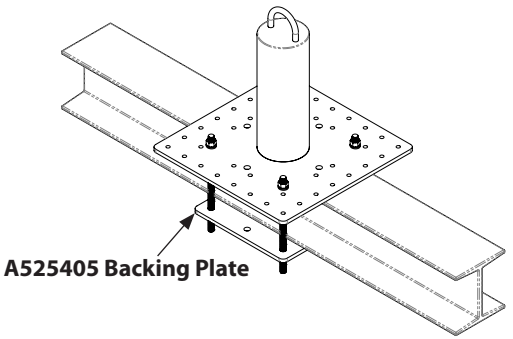
DIMENSIONS:
Height: 14.9 inches
Weight: 38 lbs. (17.5kg)
Plate Length: 16 inches
Plate Thickness: 3/8 inches

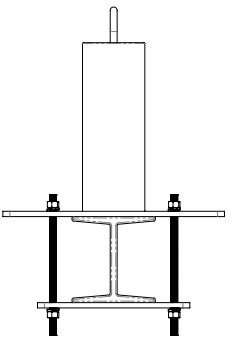
COMPONENT MATERIALS:
Galvanized Steel



I-Beam Installation:
The A525405 Backing Plate must be purchased alongside the A525400 Post Anchor in order to be installed on an I-Beam.

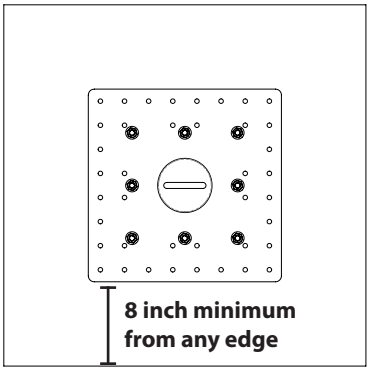
Installation:
1. Locate a structural I-Beam capable of withstanding 5,000-lbs (22kN) static load or meeting OSHA 1926.502 requirements for a safety factor of two.
2. Remove any surface contaminants and place the base of A525400 Post Anchor on top of I-Beam flange.
3. Fasten to the A525405 Backing Plate on the other side of the I-beam using four ½ inch ASTM A307 Grade threaded rod cut to length, with eight 1/2 inch lock washers and four ½ inch hex nuts. Torque each hex bolt to 35 ft-lbs.

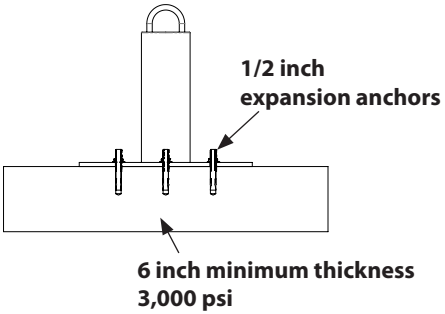




Concrete Installation:

1. Only insert in concrete with a minimum thickness of 6 inches and cured to at least 3,000 psi.
2. Drill eight 1/2 inch diameter holes in the concrete to match the hole pattern of the anchor plate. Drill to a depth that corresponds with the chosen length of expansion anchor.
3. Clean hole, remove any surface contaminants, and install eight 1/2 inch by 3 inch (minimum) long expansion anchors. Ensure that the head of the anchor lies flush with the anchorage connector plate. Torque to manufacturer's specifications.

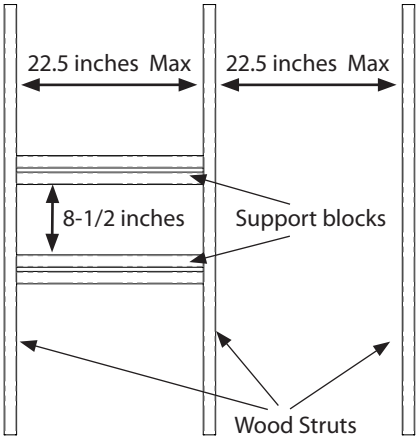


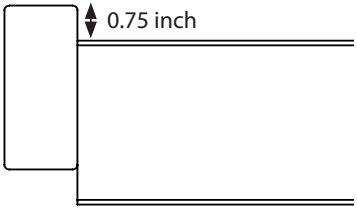


Wood Installation:

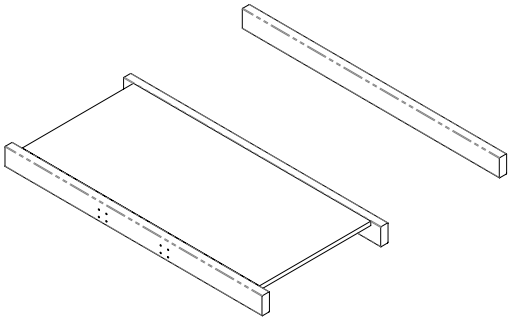
For installation in wood, additional support blocks are required to add strength to the structure in the event of a fall. The wood species of the supports shall be pine or a wood of equal or greater density.

1. Fasten four 2 inches x 4 inches or larger support blocks 8-1/2 inches apart between the Structure's wood struts with #14 x 3 inch deck screws. Leave 0.75 inch gap for the 3/4 inch CDX plywood.

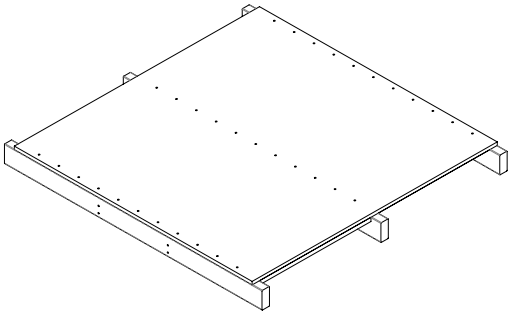




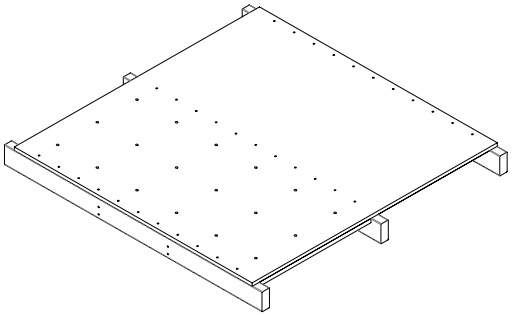
Wood Installation Cont.



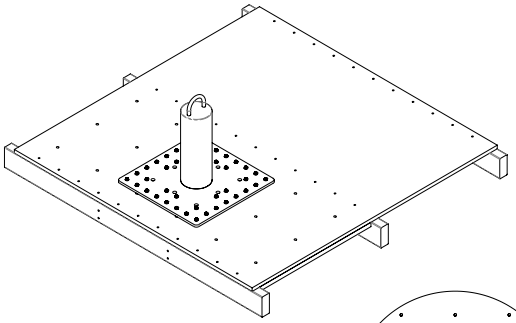
2. Measure and the cut ¾ inch CDX plywood and place on top of the support blocks.

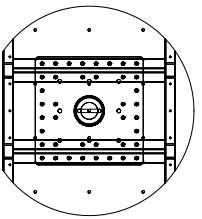


3. Measure and cut 5/8 inch plywood sheathing, place over all three wood struts and fasten with #14 x 3 inch deck screws.



4. Fasten the 5/8 inch plywood sheathing to the CDX ¾ inch plywood with #14 x 2 inch deck screws.

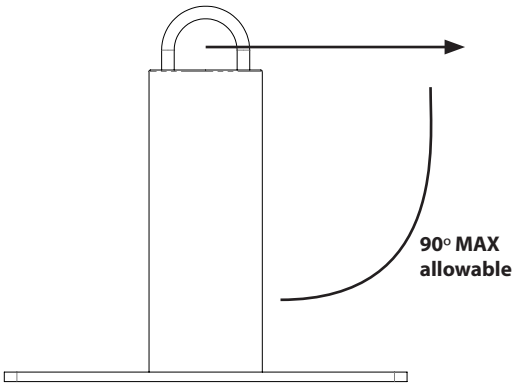


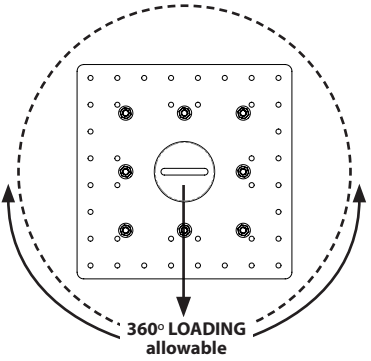


5. Remove any surface contaminants and place the A525400 Post Anchor on top of the sheathing and fasten to the substrate using forty (40) #14 x 3 inch hex head screws.

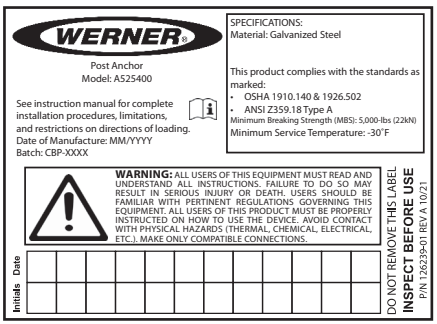
ENSURE THAT THE FASTENERS PENETRATE THE SUPPORT BLOCKS UNDERNEATH.

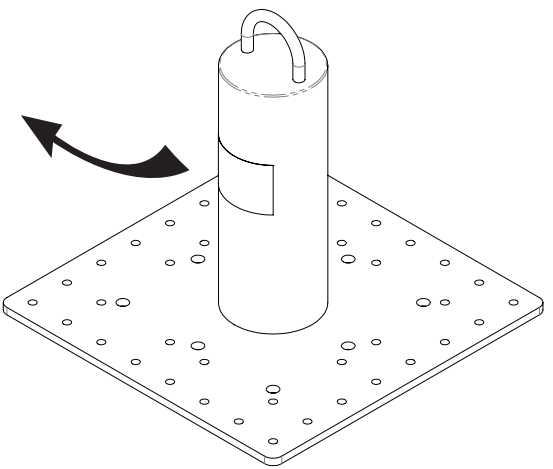
LOADING CONDITONS DIAGRAM





WARNING LABEL LOCATIONS

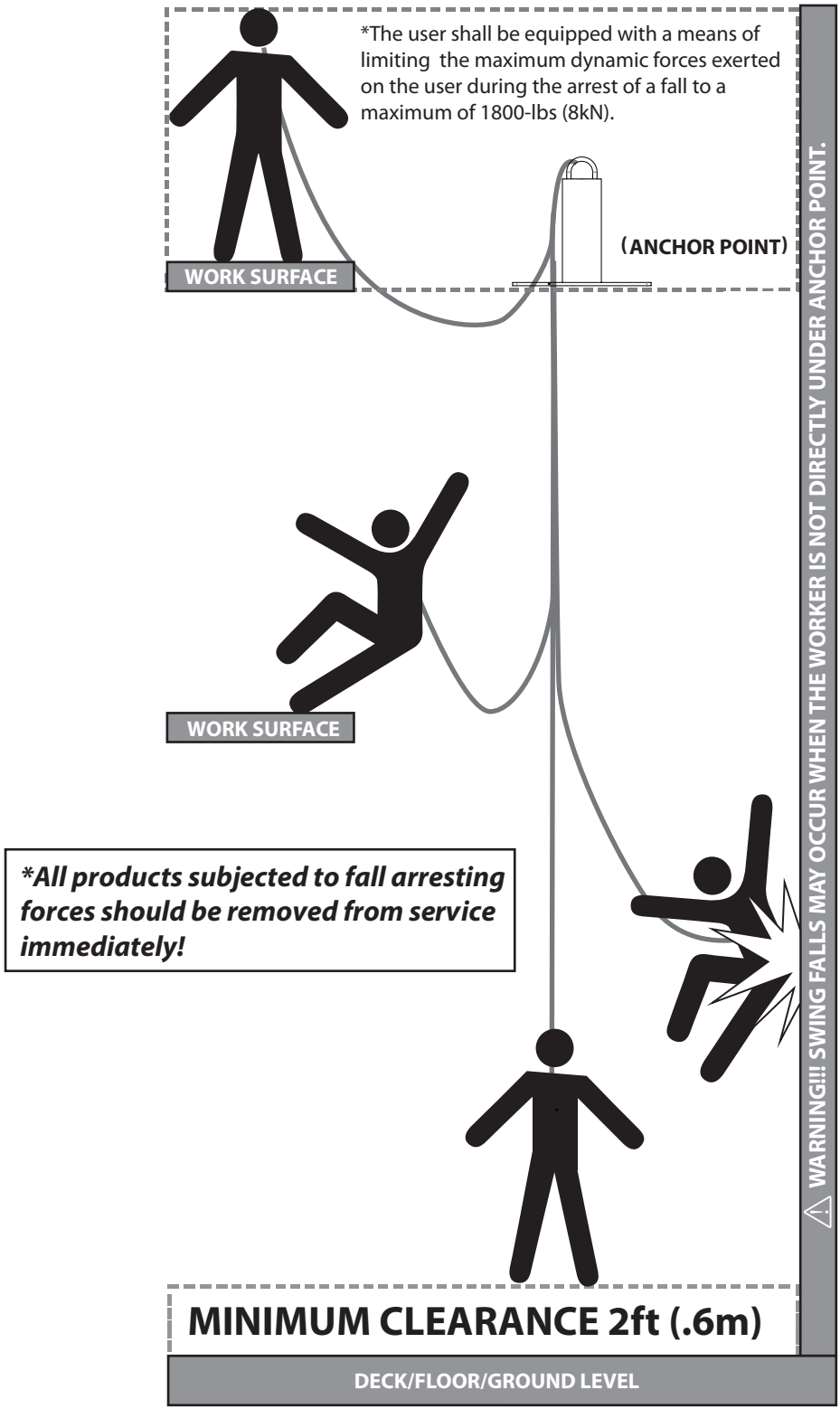




MAINTENANCE, CLEANING AND STORAGE

Cleaning periodically will prolong the life and proper functioning of the product. The frequency of cleaning should be determined by inspection and by severity of the environment. Clean with compressed air and/or a stiff brush using plain water or a mild soap and water solution. Do not use any corrosive chemicals that could damage the product. Wipe all surfaces with a clean, dry cloth and hang to dry, or use compressed air. When not in use, store anchorage connectors in a cool, dry, clean environment, out of direct sunlight and free of corrosive or other degrading elements.

*It is essential for the safety of the end user that if this product is re-sold outside the original country of destination the reseller shall provide instructions for use, maintenence, and for periodic examination and repair in the language of the country in which the product is to be used.


*The user shall be equipped with a means of limiting the maximum dynamic forces exerted on the user during the arrest of a fall to a maximum of 1800-lbs (8kN).
(ANCHOR POINT)
WORK SURFACE
WORK SURFACE
*All products subjected to fall arresting forces should be removed from service immediately!
WARNING!!! SWING FALLS MAY OCCUR WHEN THE WORKER IS NOT DIRECTLY UNDER ANCHOR POINT.
MINIMUM CLEARANCE 2ft (.6m)
DECK/FLOOR/GROUND LEVEL

INSPECTION AND MAINTENANCE LOG

MODEL NUMBER: _____

DATE OF MANUFACTURE: _____

Date	Part Number	Comments	Inspector Name

Inspection:
Official periodic inspection must be made at least annually. The inspection must be performed by a competent or qualified person other than the intended user. If severe weather or environmental conditions exist then inspections must be carried out more frequently. All inspection results must be logged in the space provided above. (It is recommended that the anchor device is marked with the date of the next or last inspection.)

1. Make sure all labeling is affixed to the unit.
2. Inspect anchoring system for signs of damage or wear.
3. Record inspection results in the space provided above.

***If any damage that could affect the strength or operation of the device, inadequate maintenance, or an unsafe condition are found, proper disposal is required. The anchorage connector must be rendered unusable and then properly discarded.**

WARNING: It is essential to the safety of the end user that the seller of this device include all instructions pertaining to the proper use, maintenance and inspection of the device in the language of the country in which the product is to be sold.

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