



The Ultimate in Fall Protection

Adjustable Web Positioning Lanyard

Model Number: 1201377

USER INSTRUCTION MANUAL:

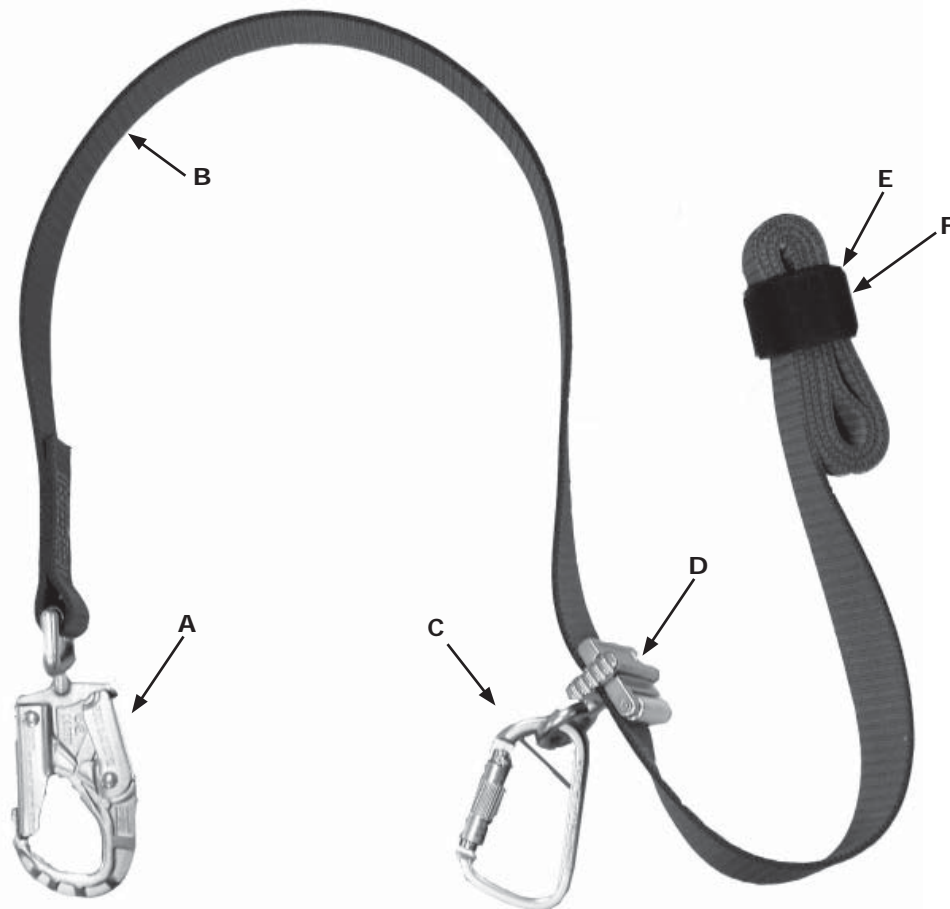
This manual is intended to meet the Manufacturer's Instructions as recommended by OSHA, and should be used as part of an employee training program.

WARNING: This product is part of a work positioning system. The user must read and follow the manufacturer's instructions for each component or part of the complete system. These instructions must be provided to the user of this equipment. The user must read and understand these instructions or have them explained to them before using this equipment. Manufacturer's instructions must be followed for proper use and maintenance of this product. Alterations or misuse of this product or failure to follow instructions may result in serious injury or death.

IMPORTANT: If you have questions on the use, care, or suitability of this equipment for your application, contact Capital Safety.

IMPORTANT: Record the product identification information from the ID label in the inspection and maintenance log of this manual.

Figure 1 - Adjustable Web Positioning Lanyard Components



A Locking Snap Hook **B** Wear Indicating Webbing **C** Carabiner **D** Web Speed Adjuster
E Labels Location **F** Hook and Loop Web Takeup

1.0 APPLICATIONS

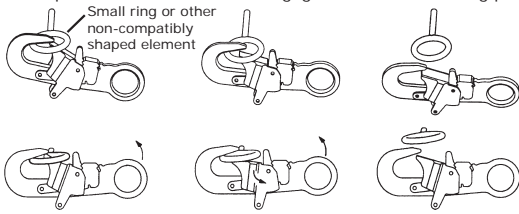
- 1.1 PURPOSE:** The Adjustable Web Positioning Lanyard is intended to be used as a work positioning system. OSHA standards 1926.268(g), 1926.502(e), and 1926.959 define this lanyard as a work positioning device.
- 1.2 LIMITATIONS:** The following limitations must be considered before using this product. Failure to observe product limitations could result in serious injury or death.
- A. CAPACITY:** The maximum working load for this product is one (1) person with a combined weight of 310 lbs. when fully equipped with tools, accessories, etc.
 - B. FREE FALL:** This equipment must be rigged to limit the potential free fall to two (2) feet, in accordance with OSHA 1926.502.
 - C. FALL CLEARANCE:** Ensure that adequate clearance exists in your fall path to prevent striking an object. The clearance required is dependent on the length and type of lanyard and anchorage location.
 - D. PHYSICAL AND ENVIRONMENTAL HAZARDS:** Use of this equipment in areas with physical or environmental hazards may require additional precautions to be taken in order to reduce the possibility of damage to this equipment or injury to the user. Hazards may include, but are not limited to: abrasive surfaces, high heat (welding or metal cutting), acid or caustic chemicals, corrosive environments such as exposure to seawater, high voltage power lines, explosive or toxic gases, moving machinery, or sharp edges. Contact Capital Safety if you have questions about the application of this equipment in areas where physical or environmental hazards are present.
 - E. TRAINING:** This equipment must be used by persons who have been properly trained in its correct application and use.
- 1.3 STANDARDS:** Refer to national standards, including local, state, and federal (OSHA) requirements for more information on work positioning systems and associated components.

2.0 LIMITATIONS AND REQUIREMENTS

- 2.1 COMPATIBILITY OF COMPONENTS:** Capital Safety equipment is designed for use with Capital Safety approved components and subsystems. Substitutions or replacements made with non-approved components or subsystems may jeopardize compatibility of equipment and may affect the safety and reliability of the complete system.
- 2.2 COMPATIBILITY OF CONNECTORS:** Connectors are considered to be compatible with connecting elements when they have been designed to work together in such a way that their size and shapes do not cause their gate mechanisms to inadvertently open regardless of how they become oriented. Contact Capital Safety if you have any questions about compatibility. Connectors (hooks, carabiners, and D-Rings) must be capable of supporting at least 5,000 lbs (22 kN). Connectors must be compatible with the anchorage or other system components.
- Do not use equipment that is not compatible. Non-compatible connectors may unintentionally disengage (see Figure 1). Connectors must be compatible in size, shape, and strength. Self-locking snap hooks and carabiners are required by OSHA.
- 2.3 ANCHORAGE STRENGTH:** From OSHA 1926.502: Positioning devices shall be secured to an anchorage capable of supporting at least twice the potential load of an employee's fall or 3,000 lbs., whichever is greater. Each work positioning system installation must be independently capable of sustaining these loads.
- 2.4 CONNECTIONS:** Only use self-locking snap hooks and carabiners with this equipment. Only use connectors that are suitable to each application. Ensure all connections are compatible in size, shape, and strength. Do not use equipment that is not compatible. Ensure all connectors are fully closed and locked.
- Capital Safety connectors (snap hooks and carabiners) are designed to be used only as specified in each product's user instructions. See Figure 2 for inappropriate connections. Capital Safety snap hooks and carabiners should not be connected:
- A.** To a D-ring to which another connector is attached.
 - B.** In a manner that would result in a load on the gate.
 - C.** In a false engagement, where features that protrude from the snap hook or carabiner catch on the anchor, and without visual confirmation seems to be fully engaged to the anchor point.
 - D.** To each other.
 - E.** Directly to webbing or rope lanyard or tieback.
 - F.** To any object which is shaped or dimensioned such that the snap hook or carabiner will not close and lock, or that roll-out could occur. Do not use hooks or connectors that will not completely close over the attachment object.
 - G.** In a manner that does not allow the connector to align properly while under load.

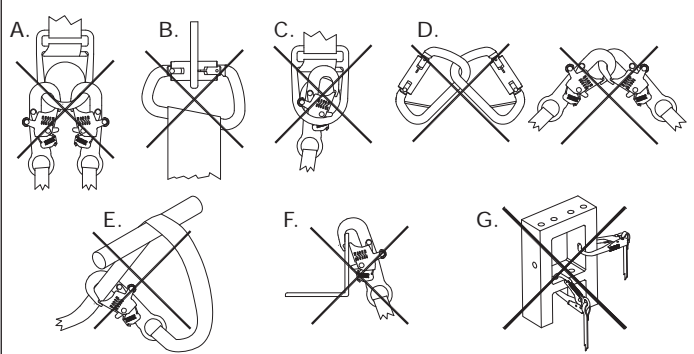
Figure 1 - Unintentional Disengagement

If the connecting element to which a snap hook (shown) or carabiner attaches is undersized or irregular in shape, a situation could occur where the connecting element applies a force to the gate of the snap hook or carabiner. This force may cause the gate (of either a self-locking or a non-locking snap hook) to open, allowing the snap hook or carabiner to disengage from the connecting point.



Force is applied to the Snap Hook. The Gate presses against the Connecting Ring. The Gate opens allowing the Snap Hook to slip off.

Figure 2 - Inappropriate Connections



3.0 OPERATION AND USE

3.1 BEFORE EACH USE of this equipment, carefully inspect it according to steps listed in Section 5 of this manual.

3.2 PLAN your work positioning system before using this equipment. Consider all factors that will affect your safety during use of this equipment. Consider the following when planning your system:

- A. HAZARD EVALUATION:** Evaluate the job site for all possible hazards. Ensure the intended path of the user is unobstructed. See Section 1.2 for more information.
- B. RESCUE:** The employer must have a rescue plan and the ability to implement it.

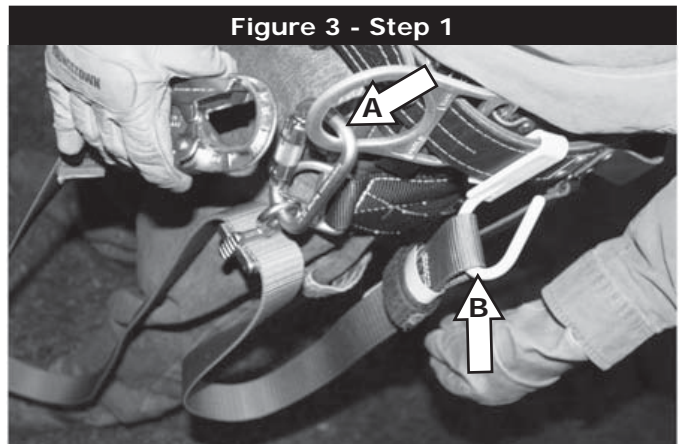
3.3 CONNECT TO THE WEB POSITIONING LANYARD: When connecting, ensure roll-out cannot occur. (See Section 2.4 "Connections.") Roll-out occurs when interference between the hook and mating connector causes the hook gate to unintentionally open and release.

IMPORTANT: The Adjustable Web Positioning Lanyard is to be used for work positioning only and must be rigged so the user cannot free fall more than two (2) feet.

IMPORTANT: Do not use the snap-hook or carabiner to tie back to the webbing. Both connectors must be connected to the appropriate side D-Rings.

IMPORTANT: Never use the lanyard with only one connector attached to the body belt or full-body harness.

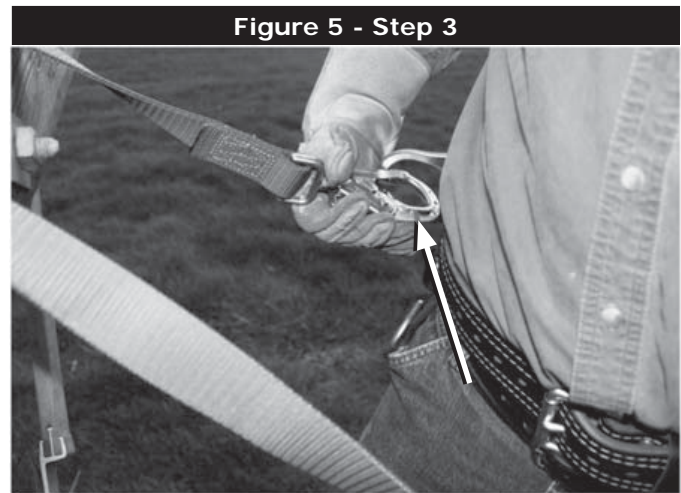
- Step 1:** (Figure 3)
- A:** Connect the locking carabiner to the left or right side D-Ring located on the operator's body belt or full body harness.
 - B:** Secure webbing tail to breakaway clip on belt. Do not secure webbing tail to body support or any other non-breakaway component.



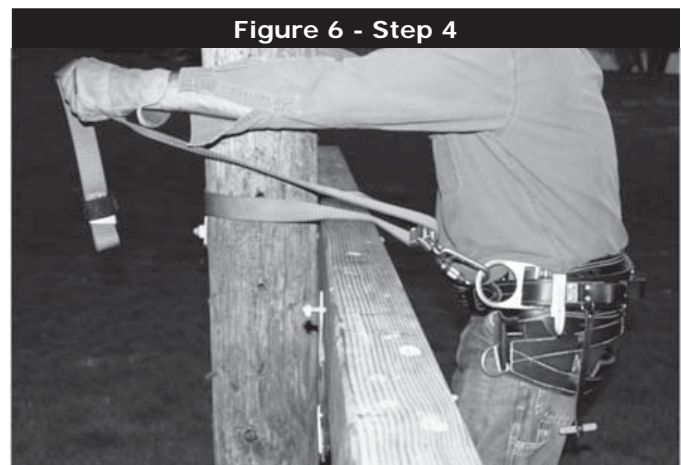
Step 2: (Figure 4) Place the lanyard around a secure anchorage that is capable of supporting at least twice the potential impact load of an employee's fall or 3,000 pounds (13kN), whichever is greater. Verify the lanyard is secured in a way that it cannot slip down or past the anchor point.



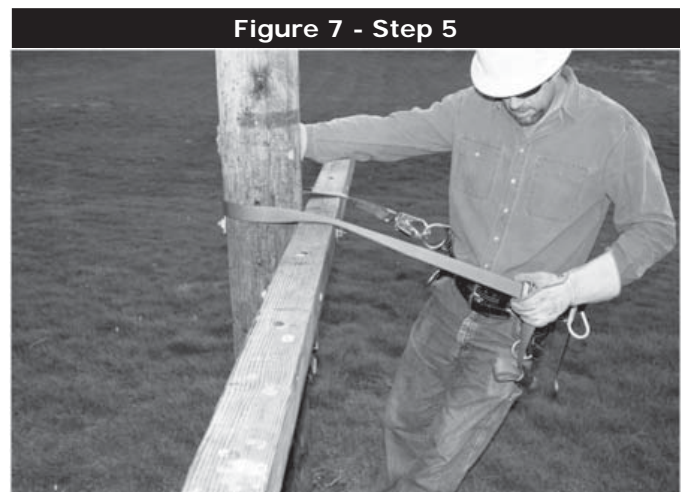
Step 3: (Figure 5) Connect the lanyard snap hook to the opposite side D-Ring. When connected, the snap hook gate must be facing out and away from the user.



Step 4: (Figure 6) To shorten the web, pull the tail directly towards the pole.



Step 5: (Figure 7) Pull the adjuster back until it is perpendicular with the web. Allow the web to feed through the adjuster while leaning back. Release the adjuster when it is in the desired position.



Step 6: Confirm secure anchorage, proper connections and web adjustment:

- Adequate anchorage strength.
- Snap hook and carabiner properly connected to the full body harness or body belt.
- Lanyard cannot slip down or past the anchor point.
- Lanyard is tensioned correctly.
- Lanyard webbing tail is secured to breakaway clip on belt. (See Figure 3)

4.0 TRAINING

4.1 It is the responsibility of the user to assure they are familiar with these instructions and are trained in the correct care and use of this equipment. Users must be aware of the operating characteristics, application limits and the consequences of improper use of this equipment.

5.0 INSPECTION

5.1 FREQUENCY:

- **Before Each Use** inspect according to the steps listed in Section 5.2.
- This Equipment must be inspected according to steps listed in Section 5.2 by a competent person, other than the user, at least annually. Record the results of each inspection in the Inspection and Maintenance Log in Section 8.0.

WARNING: If this equipment has been subjected to fall-arrest forces, remove from service and destroy.

IMPORTANT: Extreme working conditions (e.g. harsh environments, prolonged use, etc.) may require increasing the frequency of inspections.

5.2 INSPECTION STEPS:

- Step 1.** Inspect the lanyard webbing. Webbing material must be free of frayed, cut, or broken fibers. Check for tears, abrasions, mold, burns, or discoloration, etc. Webbing must be free of knots, excessive soiling, heavy paint buildup, rust staining or ice buildups. Check for chemical or heat damage indicated by brown, discolored or brittle areas. Check for ultraviolet damage indicated by discoloration and the presence of splinters or slivers on the webbing surface. Check for excessive webbing wear that can cause the red core of the webbing to be exposed through the yellow top surface. All of these factors reduce webbing strength.
- Step 2.** Verify the lanyard locking snap-hook, carabiner and web speed adjuster are in proper working order.

IMPORTANT: If a defect is found with any of the Adjustable Web Positioning Lanyard components during inspection, immediately remove the lanyard from service and replace with a new or undamaged lanyard.

6.0 CLEANING/MAINTENANCE/STORAGE/SPECIFICATIONS:

- 6.1 Cleaning:** Clean the Adjustable Web Positioning Lanyard with soapy water and then air dry. Do not force dry with heat. An excessive build-up of dirt, oil, ect. may prevent the lanyard from working properly, and in severe cases, weaken the webbing. If you have questions about the condition of your lanyard, contact Capital Safety.
- 6.2 Maintenance:** Additional maintenance and servicing procedures must be completed by Capital Safety or parties authorized in writing. Do not disassemble this equipment.
- 6.3 Storage:** Store the lanyard in a climate that is dry and free from dirt, solvents, chemicals, extreme temperatures, or anything else that could affect the integrity of the product. Store out of direct sunlight.
- 6.4 Specifications:**
Snap Hook, Carabiner, Web Speed Adjuster: Steel alloy, plated, 5,000 lbs tensile strength, 310 lbs. capacity.
Webbing: 1-11/16 inch Nylon, 9,000 tensile strength, 310 lbs. capacity.
- 6.5** Meets OSHA 1926.268(g), 1926.502(e) and 1926.959 requirements.

7.0 LABELS

The following label must be attached to the lanyard and fully legible:

Model 1201377

9507807 Rev. B		WARNING THIS PRODUCT SHALL BE USED AS AN ADJUSTABLE LANYARD FOR WORK POSITIONING ONLY. NOT INTENDED FOR FALL ARREST. MANUFACTURER'S INSTRUCTIONS MUST BE READ AND UNDERSTOOD PRIOR TO USE. INSPECT BEFORE EACH USE. AVOID CONTACT WITH SHARP EDGES AND ABRASIVE SURFACES. MAKE ONLY COMPATIBLE CONNECTIONS.
	www.capitalsafety.com Capital Safety Red Wing, MN, USA +1-800-328-6146	PRODUCT MEETS OSHA STANDARDS: 1910.268(g), 1926.502(e), & 1926.959. USER WEIGHT SHALL NOT EXCEED 310 LBS WHEN FULLY EQUIPPED. MATERIAL: NYLON WEBBING
	MODEL NO:	MFRD (YR/MO): LOT NO. LENGTH (FT):

LIMITED LIFETIME WARRANTY

Warranty to End User: D B Industries, Inc., dba CAPITAL SAFETY USA ("CAPITAL SAFETY") warrants to the original end user ("End User") that its products are free from defects in materials and workmanship under normal use and service. This warranty extends for the lifetime of the product from the date the product is purchased by the End User, in new and unused condition, from a CAPITAL SAFETY authorized distributor. CAPITAL SAFETY'S entire liability to End User and End User's exclusive remedy under this warranty is limited to the repair or replacement in kind of any defective product within its lifetime (as CAPITAL SAFETY in its sole discretion determines and deems appropriate). No oral or written information or advice given by CAPITAL SAFETY, its distributors, directors, officers, agents or employees shall create any different or additional warranties or in any way increase the scope of this warranty. CAPITAL SAFETY will not accept liability for defects that are the result of product abuse, misuse, alteration or modification, or for defects that are due to a failure to install, maintain, or use the product in accordance with the manufacturer's instructions.

CAPITAL SAFETY'S WARRANTY APPLIES ONLY TO THE END USER. THIS WARRANTY IS THE ONLY WARRANTY APPLICABLE TO OUR PRODUCTS AND IS IN LIEU OF ALL OTHER WARRANTIES AND LIABILITIES, EXPRESSED OR IMPLIED. CAPITAL SAFETY EXPRESSLY EXCLUDES AND DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND SHALL NOT BE LIABLE FOR INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY NATURE, INCLUDING WITHOUT LIMITATION, LOST PROFITS, REVENUES, OR PRODUCTIVITY, OR FOR BODILY INJURY OR DEATH OR LOSS OR DAMAGE TO PROPERTY, UNDER ANY THEORY OF LIABILITY, INCLUDING WITHOUT LIMITATION, CONTRACT, WARRANTY, STRICT LIABILITY, TORT (INCLUDING NEGLIGENCE) OR OTHER LEGAL OR EQUITABLE THEORY.



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