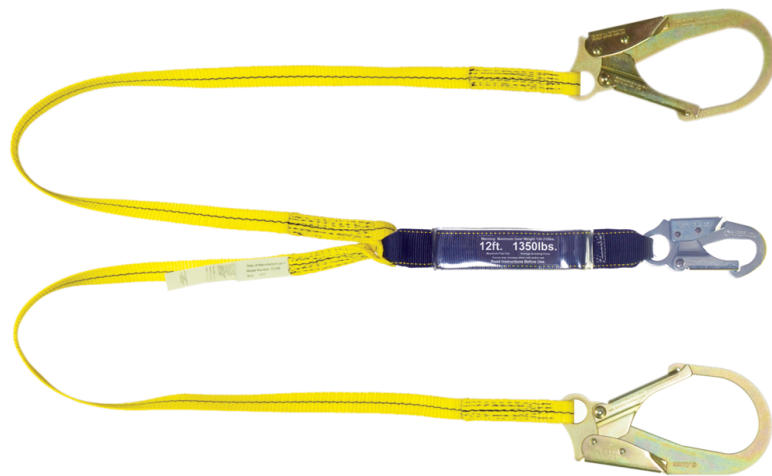


GUARDIAN

FALL PROTECTION

PERFORMANCE SAFETY GEAR



BIG BOSS LANYARD INSTRUCTIONS

Guardian Part #'s

21300

21301

21302

21303

USER'S MANUAL

DO NOT THROW AWAY THESE INSTRUCTIONS!
READ AND UNDERSTAND BEFORE USING EQUIPMENT!

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WARNING!

DO NOT:

- Do not alter or misuse the equipment unless approved by manufacturer.
- Do not use combinations of components or subsystems that may affect or interfere with the safe, compatible function of each other.
- Do not expose the equipment to chemicals which may produce a harmful effect or degrade the equipment. Consult manufacturer in cases where doubt exists.
- Do not use the equipment around moving machinery or electrical hazards unless specifically designed for such use.
- Do not use the equipment around sharp edges or abrasive surfaces unless intended for such use.



INTRODUCTION:

Thank you for purchasing the Guardian Big Boss Lanyard . This manual should be read and understood in its entirety, and used as part of a training program as required by OSHA or any applicable state regulatory agency.

This and any other included instructions must be made available to the users of the equipment. The user must understand the proper equipment use and limitations.

This product meets all applicable OSHA and ANSI Z359.1 standards for fall protection.

This manual covers the maintenance, installation, and use of the Guardian Big Boss Lanyard. This manual covers Guardian Part Numbers:

- 21300 - 6' Single Leg Big Boss Lanyard With Snaphooks
- 21301 - 6' Single Leg Big Boss Lanyard With Snaphook and Rebar Hook
- 21302 - 6' Double Leg Big Boss Lanyard With Snaphooks
- 21303 - 6' Double Leg Big Boss Lanyard With Snaphook and Rebar Hook

USER INFORMATION:

Date of First Use _____

Serial # _____

Trainer _____

User _____



GENERAL SYSTEM SELECTION CRITERIA:

Selection of fall protection shall be made by a Competent Person. All fall protection equipment shall be purchased new and unused.

The equipment is designed for use as a part of a personal fall protection system. Components shall not be used for any other operation other than that which it has been designed and approved.

Fall Protection Systems shall be designed to comply with OSHA or applicable state regulatory limitations. Systems must be used in a compliant manner.

Fall Restraint Systems shall be designed by a Qualified Person, and must be installed and used under the supervision of a Competent Person

Consult a doctor if there is any reason to doubt a user's ability to withstand and safely absorb fall arrest forces or perform setup of equipment. Age, fitness, and health conditions can seriously affect the worker should a fall occur. Pregnant women and minors should not use this equipment.

IMPORTANT!

DO NOT HANG EQUIPMENT, RIGGING, OR STAGING FROM GUARDIAN LANYARDS

TRAINING REQUIREMENTS:

The employer must ensure that each employee who might be exposed to fall hazards has been trained by a Competent or Qualified Person. The training program must include the following:

- The ability to recognize the hazards of falling
- The procedures to be followed in order to minimize these hazards.
- All Relevant Federal, State, and local regulatory requirements, procedures, and standards
- Correct erecting, maintaining, disassembling, and inspection of the fall protection systems being used
- Use of personal fall arrest systems

RESCUE PLAN:

The user is required to have a rescue plan and the means at hand to implement it when using the equipment. The plan shall be project specific. Employees shall be trained in self-rescue or alternate means shall be provided for prompt rescue in the event of a fall.

IMPORTANT!

ANY EQUIPMENT SUBJECTED TO THE FORCES OF A FALL ARREST MUST BE REMOVED FROM SERVICE IMMEDIATELY. CONTACT YOUR DISTRIBUTOR OR GUARDIAN ABOUT POLICIES REGARDING REPLACEMENT OF GUARDIAN COMPONENTS INVOLVED IN A FALL.

DESCRIPTION OF GUARDIAN BIG BOSS LANYARD

The Guardian Big Boss Lanyard is a multifaceted lanyard. This lanyard has the ability to be used in a six (6) foot free fall or a twelve (12) foot free fall. When used in a six (6) foot free fall configuration, the worker must weigh between 311 lbs. and 420 lbs. when used in a twelve (12) foot free fall configuration, the worker must weigh between 130 lbs. and 310 lbs.

This lanyard is compliant to OSHA and ANSI standards when properly used. The main webbing of this unit is 1" wide made from virgin polyester or nylon materials and has a minimum tensile strength of 5,000 lbs.

MAINTENANCE, CLEANING, AND STORAGE:

- Repairs to the Guardian Big Boss Lanyard can be made only by a Guardian representative or person authorized by Guardian. Contact Guardian for maintenance and repair.
- Cleaning after use is important for maintaining the safety and life of the equipment.
- Cleanse the equipment of all dirt, corrosives, and contaminants.
- If the Guardian Big Boss Lanyard cannot simply be wiped clean, use a mild soap and water, rinse and wipe to dry.
- Store the Guardian Big Boss Lanyard where it cannot be affected by heat, light, excessive moisture, oil, chemicals, or other degrading elements.
- This device must also be returned if the product fails any daily inspection or a Competent Person has deemed the equipment unsafe.

GENERAL INSPECTION INFORMATION:

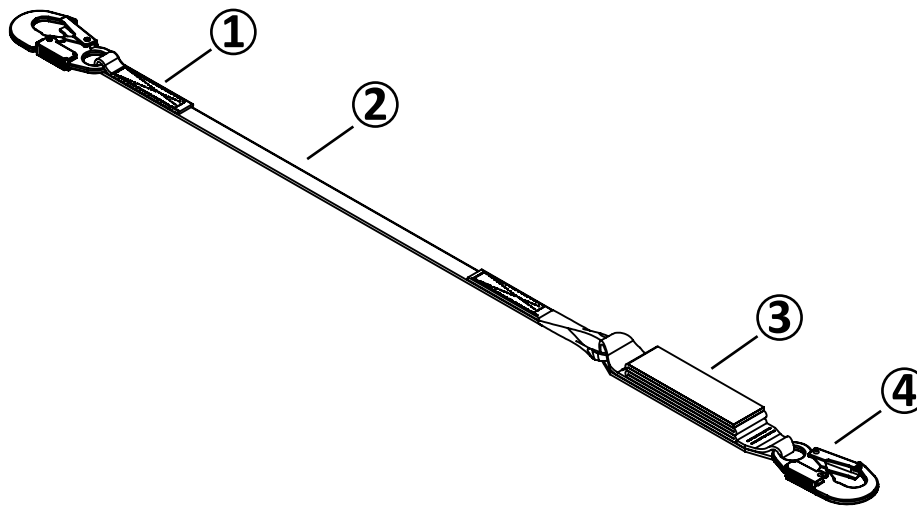
- Before each use, the worker must inspect all fall protection equipment.
- A formal inspection must be made by a Competent or Qualified Person other than the user at least every six months. Record the results of these inspections in the Inspection Log in the back of this manual.
- Only the manufacturer of this equipment or persons authorized in writing by the manufacturer shall make repairs to fall protection equipment.

WARNING!

IF ANY COMPONENT OF THE BIG BOSS LANYARD DOES NOT PASS INSPECTION,
REMOVE FROM SERVICE IMMEDIATELY. CONTACT GUARDIAN ABOUT RETURNING DAMAGED UNITS.

INSPECTION OF BIG BOSS LANYARD:

- Inspect the stitching of the lanyard, make sure they are all intact. (1)
- Inspect the webbing for any cuts, frays, burns or abrasions. (2)
- Inspect the shock pack for deployment and that the shrink tube is not compromised. (3)
- Inspect connecting hooks or carabiners for signs of damage, corrosion or excessive wear. (4)
- All tags and labels must be present and fully legible with inspection log information completed.



IMPORTANT!

CONSULT WITH YOUR DOCTOR IF THERE IS REASON TO DOUBT YOUR FITNESS TO SAFELY ABSORB THE SHOCK FROM A FALL ARREST. AGE, FITNESS, AND HEALTH CONDITIONS CAN SERIOUSLY AFFECT A WORKER'S ABILITY TO WITHSTAND FALLS. PREGNANT WOMEN OR MINORS MUST NOT USE ANY GUARDIAN FALL PROTECTION EQUIPMENT.

PRIOR TO EACH USE:

- Fall protection passive and active equipment shall be inspected by the user for defects, damage, or deterioration.
- Any suspected defective equipment shall be removed from service.
- If the manufacturer's label is not legible or is missing, the equipment shall be removed from service.

PRODUCT APPLICATION INFORMATION:

The Guardian Big Boss Lanyard is used as an extended free fall lanyard for workers between 130 lbs. and 420 lbs. The following applications are as shown in the grid below.

130 - 310 Lbs.	Six foot one inch to twelve foot free fall.	Max. Elongation: 48"
311 - 420 Lbs.	Up to a six foot free fall MAXIMUM.	Max. Elongation: 60"

This lanyard is to be used as apart of a complete personal fall arrest system (PFAS). This product is never to be used in a way other than what is outlined in this manual.

- **WORK POSITIONING:** The Big Boss Lanyard can be used as a component of a work positioning system to support the user at a work position. Typical work positioning systems include a full body harness, positioning lanyard, and a back-up personal fall arrest system. Maximum permissible free fall is two (2) feet.
- **PERSONAL FALL ARREST:** The Guardian Big Boss Lanyard can be used as a component of a Personal Fall Arrest System (PFAS) to protect the user in the event of a fall. PFAS typically include a full body harness, a connecting component, and a secure anchor point. Maximum permissible fall is twelve (12) Feet. Reference the above chart for specifics.
- **RESTRAINT:**The Guardian Big Boss Lanyard can be used as a component of a restraint system to prevent the user from reaching a fall hazard. Restraint systems typically include a full body harness, a lanyard or restraint line, and a secure anchor point. **NO VERTICAL FREE FALL IS PERMITTED.**
- **RESCUE:** The Guardian Big Boss Lanyard can be used as a component of a rescue system. There are various configurations for rescue systems depending on the type of rescue. **NO VERTICAL FREE FALL IS PERMITTED.**



APPLICABLE STANDARDS:

This product is designed to comply with ANSI Z359.1 , ANSI Z359.13 and OSHA standards when used properly, and in accordance with manufacturer's instructions. Consult regulatory agencies for more information on personal fall arrest systems and associated components.

WARNING!

- Guardian Fall Protection equipment is designed to be used with Guardian approved components.
- Please contact Guardian if you have a question regarding compatibility.
- Making substitutions without approval from Guardian Fall Protection may lead to injuries or death by compromising the safety and reliability of the complete system.

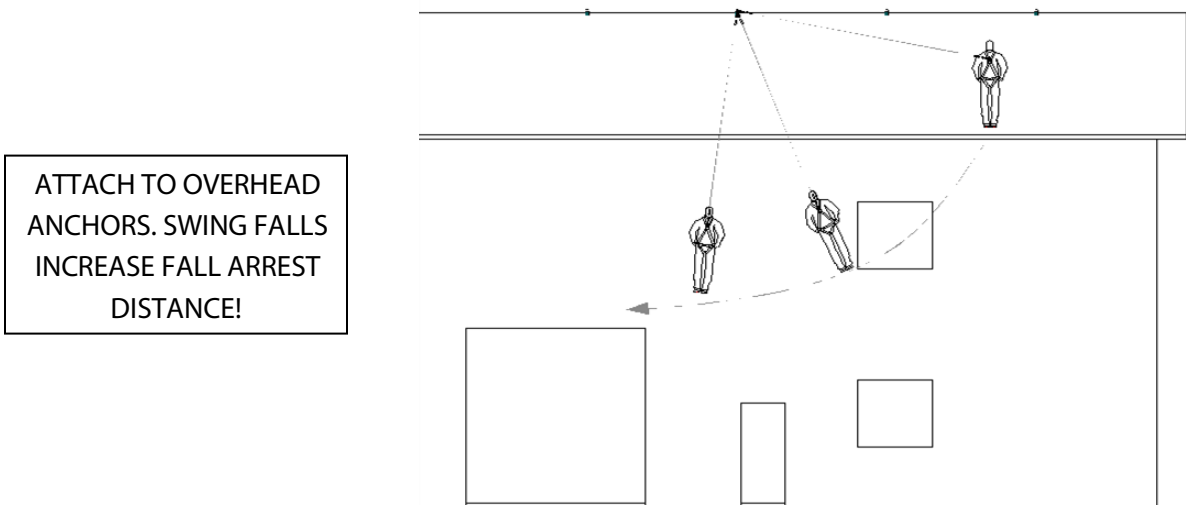
LIMITATIONS:

Consider the following application limitations before using this equipment.

- **CAPACITY:** The Big Boss Lanyard is designed for use by an individual with a combined weight (clothing, tools, etc.) of 130 lbs. minimum and no more than 420 lbs. depending on the configuration of the lanyard. No more than one personal protective system may be connected at one time.
- **CORROSION:** Leaving the Big Boss Lanyard in an environment for long periods of time that could cause corrosion of metal parts is not warranted in any way and must not be done. Use caution when working around corrosive compounds such as ammonia, sewage, fertilizers, seawater, or other corrosive environments. Use in such environments may require increased inspections and servicing to ensure corrosive damage is not impacting the performance of the Big Boss Lanyard.
- **CHEMICAL HAZARDS AND HEAT:** Extreme caution must be taken when working in or around environments containing acid or caustic chemicals, particularly at elevated temperatures. Damage will result to the Big Boss Lanyard in this environment. Chemical damage is difficult to detect and it is recommended that the lifeline be replaced periodically to ensure safety of the workers. Additionally, this lanyard is not to be used in high temperature environments. The Big Boss Lanyard must be protected when used near welding, metal cutting, or similar activities. Hot sparks and slag can damage this equipment.
- **ELECTRICAL HAZARDS:** There is a possibility of an electric current flowing through the lifeline. Use caution where the lifeline may contact high voltage power lines.

LIMITATIONS continued:

- **FREE FALL:** Personal Fall Arrest Systems (PFAS) used with this equipment must be rigged to limit the freefall to six (6) and up to twelve (12) feet, in some situations, as called out in ANSI Z359.13. Only competent and personnel trained on the proper use of fall protection such as this lanyard are allowed to use this product. Restraint and Rescue systems must be rigged so that no vertical free fall is permitted.
- **FALL CLEARANCE:** There must be sufficient clearance below the use to arrest a fall before the user strikes the ground or any other obstruction. A hazard assessment by a trained and Competent Person is recommended before any work is started that would include the use of fall protection. Consider the following when calculating distance:
 - Deceleration Distance
 - Movement of harness attachment (D-Ring)
 - Free Fall Distance
 - User Height (how tall the user is could affect the free fall distance)
 - Elevation of the Big Boss Lanyard
 - Connecting Subsystem Length
- **SWING FALLS:** Swing falls occur when the anchorage point is not directly above the point where a fall occurs. The force of striking an object in a swing fall may cause serious injury or death. Minimize the risk of swing falls by working as close to the anchorage point as possible. Do NOT permit a swing fall if injury could occur. Swing falls will significantly increase the clearance required when a self retracting lifeline or other variable length connecting system is used.



- **POTENTIAL ENVIRONMENTAL HAZARDS:** Use of fall protection equipment in areas with environmental hazards may require additional precautions to prevent injury to the user or damage to the equipment. Hazards may include but are not limited to chemicals, corrosive environments, high voltage power lines, gases, moving machinery and sharp edges.



SYSTEM REQUIREMENTS:

- **COMPATIBILITY OF COMPONENTS:** Guardian Fall Protection equipment is designed to be used with Guardian approved components. Please contact Guardian if you have a question regarding compatibility. Making substitutions without approval from Guardian may lead to injuries and/or death by compromising the safety and reliability of the complete system. A Qualified Person can make a determination on compatibility of equipment from different manufacturers. If in doubt, please contact Guardian for clarification.
- **COMPATIBILITY OF CONNECTORS:** Connectors (D-Rings, hooks, carabiners) must be capable of supporting at least 5,000 lbs. Non-compatible connectors may unintentionally disengage. Self-locking snap hooks and carabiners are required by ANSI and OSHA. Connectors must be compatible in size, shape, and strength.
- **MAKING CONNECTIONS:** Only use self-locking snap hooks and carabiners with any Guardian equipment. Do not use equipment that is not compatible. If you have any questions on compatibility, please call Guardian.

WARNING!

LARGE THROAT OPENING SNAPHOOKS SHOULD NOT BE CONNECTED TO STANDARD SIZE D-RINGS OR SIMILAR OBJECTS WHICH WILL RESULT IN A LOAD ON THE GATE IF THE HOOK OR D-RING TWISTS OR ROTATES. LARGE THROAT SNAPHOOKS ARE DESIGNED FOR USE ON FIXED STRUCTURAL ELEMENTS SUCH AS REBAR OR CROSS MEMEBERS THAT ARE NOT SHAPED IN A WAY THAT CAN CAPTURE THE GATE OF THE HOOK.

- **SHARP EDGES:** Unprotected and sharp edges can damage the lifeline. Please make sure to avoid working where this can occur and provide protection where possible.
- **ANCHORAGE:** The anchorage to which the lanyard is attached must sustain static loads applied in the directions permitted by the fall arrest system of at least 3,600 lb.s with certification of a Qualified Person, or use 5,000 lbs. without certification. Refer to OSHA and ANSI for specific definitions. This device must only be used by one person. When more than one personal fall arrest system is attached to the same structure, the strength requirements stated above must be multiplied by the number of personal fall arrest systems attached to the structure.
- **ANCHORAGE SELECTION:** Select an anchorage point capable of supporting at least 5,000 lbs. Additionally, select a locaon for anchorage of the lanyard that will avoid free fall and swing hazards. To prevent an increased free fall distance, avoid working above the anchorage.
- **HORIZONTAL SYSTEMS AND TRIPODS:** In applications where a lanyard is used in conjunction with a horizontal system or with a tripod or davit arm, ensure the support structure and/or the horizontal system components are compatible. Horizontal systems must be designed and installed under the supervision of a Qualified Person.



BEFORE USING THE BIG BOSS LANYARD.

Before installation, plan your system. Consider all factors that will affect your safety during use of this equipment. The following list give important points to consider when planning your system:

- **ANCHORAGE:** Select a rigid anchorage capable of supporting the loads no less than 5,000 lbs. per worker attached.
- **SHARP EDGES:** Avoid working where system components may be in contact with, or abrade against, unprotected sharp edges.
- **RESCUE:** OSHA requires that the employer have a rescue plan when using this equipment. The employer must have the ability to perform a rescue quickly and safely.
- **AFTER A FALL:** Components which have been subjected to the forces of arresting a fall must be removed from service and destroyed.
- **LOCATION:** Select a location for installing the Big Boss Lanyard that has adequate strength and will provide overall safety. The anchorage must be free of deformities, weather deterioration, or defects that may weaken the structure.
- **STRUCTURE:** The structure to which the Big Boss Lanyard is attached must be void of any cracks, corrosion, and defects that may weaken the structure. Do not install attach to gable ends, unknown anchorages, damaged framing or framing that is not structurally capable of withstanding anticipated loads in the direction of the fall.

WARNING!

TRAINING SHOULD BE CONDUCTED WITHOUT EXPOSING ANYONE TO A FALL HAZARD. TRAINING SHOULD BE REPEATED ON A PERIODIC BASIS IN ACCORDANCE WITH YOUR ORGANIZATION'S POLICY AND COMPLIANCE WITH OSHA REGULATIONS.

