



**Product Name: Stingray Anchor** 

Part #: 04730; 04731; 04736; 04737; 15048; 15049

## **Instruction Manual**

Do not throw away these instructions!
Read and understand these instructions before using equipment!



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### **Introduction**

Thank you for purchasing a Guardian Fall Protection Stingray Anchor. This manual must be read and understood in its entirety, and used as part of an employee training program as required by OSHA or any applicable state agency.

This and any other included instructions must be made available to the user of the equipment. The user must understand how to safely and effectively use the Stingray Anchor, and all fall safety equipment used in combination with the Stingray Anchor.



	User Information
Date of First Use:	
Serial #: Trainer:	
User:	

### **Applicable Safety Standards**

When used according to instruction specifications, this product meets or exceeds all applicable OSHA 1926 Subpart M, OSHA 1910, ANSI Z359.1-2007, and ANSI A10.32-2012 standards for fall protection. Applicable standards and regulations depend on the type of work being done, and also might include state-specific regulations. Consult regulatory agencies for more information on personal fall arrest systems and associated components.

### **Worker Classifications**



Understand the following definitions of those who work near or who may be exposed to fall hazards.

**Qualified Person:** A person with an accredited degree or certification, and with extensive experience or sufficient professional standing, who is considered proficient in planning and reviewing the conformity of fall protection and rescue systems.

**Competent Person:** A highly trained and experienced person who is ASSIGNED BY THE EMPLOYER to be responsible for all elements of a fall safety program, including, but not limited to, its regulation, management, and application. A person who is proficient in identifying existing and predictable fall hazards, and who has the authority to stop work in order to eliminate hazards.

**Authorized Person:** A person who is assigned by their employer to work around or be subject to potential or existing fall hazards.

It is the responsibility of a Qualified or Competent person to supervise the job site and ensure all applicable safety regulations are complied with.



## **Safety Information**



Failure to understand and comply with safety regulations may result in serious injury or death. Regulations included herein are not all-inclusive, are for reference only, and are not intended to replace a Competent Person's judgment or knowledge of federal or state standards.

Do not alter equipment.

Do not misuse equipment.

Workplace conditions, including, but not limited to, flame, corrosive chemicals, electrical shock, sharp objects, machinery, abrasive substances, weather conditions, and uneven surfaces, must be assessed by a Competent Person before fall protection equipment is selected.

The analysis of the workplace must anticipate where workers will be performing their duties, the routes they will take to reach their work, and the potential and existing fall hazards they may be exposed to.

Fall protection equipment must be chosen by a Competent Person. Selections must account for all potential hazardous workplace conditions.

All fall protection equipment should be purchased new and in an unused condition.

Fall protection systems must be selected and installed under the supervision of a Competent Person, and used in a compliant manner.

Fall protection systems must be designed in a manner compliant with all federal, state, and safety regulations.

Unless explicitly stated otherwise, the maximum allowable free fall distance for lanyards must not exceed 6'. No free fall allowed for non-LE SRLs. SRLs must arrest falls within 54".

Forces applied to anchors must be calculated by a Competent Person.

Harnesses and connectors selected must be compliant with manufacturer's instructions, and must be of compatible size and configuration.

A pre-planned rescue procedure in the case of a fall is required. The rescue plan must be project-specific. The rescue plan must allow for employees to rescue themselves, or provide an alternative means for their prompt rescue.

Store rescue equipment in an easily accessible and clearly marked area.

Training of Authorized Persons to correctly erect, disassemble, inspect, maintain, store, and use equipment must be provided by a Competent Person.

Training must include the ability to recognize fall hazards, minimize the likelihood of fall hazards, and the correct use of personal fall arrest systems.



NEVER use fall protection equipment of any kind to hang, lift, support, or hoist tools or equipment, unless explicitly certified for such use.

Maintenance of equipment must be done according to manufacturer's instructions. Equipment instructions must be retained for reference.

Prior to EACH use, all equipment in a fall protection system must be inspected for any potential or existing deficiencies that may result in its failure or reduced functionality. IMMEDIATELY remove equipment from service if any deficiencies are found.

Equipment must be inspected by a Competent Person at least every six months. These inspections must be documented in equipment instruction manual and on equipment inspection grid label.

Equipment must be inspected for defects, including, but not limited to, the absence of required labels or markings, improper form/fit/function, evidence of cracks, sharp edges, deformation, corrosion, excessive heating, alteration, excessive wear, fraying, knotting, abrasion, and absence of parts.

Equipment that fails inspection in any way must immediately be removed from use, or repaired by an entity approved by the manufacturer.

No on-site repair of equipment unless explicitly permitted by Guardian Fall Protection.

Equipment subjected to forces of fall arrest must immediately be removed from use.

Snap hooks, carabiners, and other connectors must be selected and applied in a compatible fashion. All risk of disengagement must be eliminated. All snap hooks and carabiners must be self-locking and self-closing, and must never be connected to each other.

Age, fitness, and health conditions can seriously affect the worker should a fall occur. Consult a doctor if there is any reason to doubt a user's ability to withstand and safely absorb fall arrest forces or perform set-up of equipment.

Pregnant women and minors must not use this equipment.

Physical harm may still occur even if fall safety equipment functions correctly. Sustained post-fall suspension may result in serious injury or death. Use trauma relief straps to reduce the effects of suspension trauma.

Allowable individual worker weight limit (including all equipment), unless explicitly stated otherwise, is 130-310 lbs.



### Maintenance, Cleaning, and Storage

Repairs to Stingray Anchors can only be made by a Guardian Fall Protection representative or an entity authorized by Guardian. Contact Guardian for all maintenance and repair needs at: 1-800-466-6385. If a Stingray Anchor fails inspection in any way, immediately remove it from service, and contact Guardian to inquire about its return or repair.

Cleaning after use is important for maintaining the safety and longevity of Stingray Anchors. Remove all dirt, corrosives, and contaminants from Stingray Anchors before and after each use. If Stingray Anchor cannot be cleaned with plain water, use mild soap and water, then rinse and wipe dry. NEVER clean Stingray Anchors with corrosive substances.

When not in use, store equipment where it will not be affected by heat, light, excessive moisture, chemicals, or other degrading elements.

### Inspection

KEEP INSTRUCTIONS AVAILABLE FOR REFERENCE. Record Date of First Use.

Prior to EACH use, inspect Stingray Anchor for deficiencies, including, but not limited to, corrosion, deformation, pits, burrs, rough surfaces, sharp edges, cracking, rust, paint buildup, excessive heating, alteration, broken stitching, fraying, bird-caging, and missing or illegible labels. IMMEDIATELY remove Stingray Anchor from service if defects or damage are found, or if exposed to forces of fall arrest.

Ensure that applicable work area is free of all damage, including, but not limited to, debris, rot, rust, decay, cracking, and hazardous materials. Ensure that selected work area will support the application-specific minimum loads set forth in this instruction manual. Work area MUST be stable.

At least every 6 months, a Competent Person other than the user must inspect Stingray Anchors. Competent Person inspections MUST be recorded in inspection log in instruction manual and on equipment inspection grid label. The Competent Person must sign their initials in the box corresponding to the month and year the inspection took place.

During inspection, consider all applications and hazards Stingray Anchors have been subjected to.



### **Product Specific Applications**



Use of equipment in unintended applications may result in serious injury or death. Maximum 1 attachment per connection point.



**Personal Fall Arrest:** Stingray Anchor may be used in Personal Fall Arrest applications to support a MAXIMUM 1 Personal Fall Arrest System (PFAS) if used as an independent anchorage connector. If Stingray Anchors are used as components of a complete and compatible horizontal lifeline (HLL), HLL system may be used to support a MAXIMUM 2 PFAS, unless conditions specified in these instructions for a greater number of PFAS are met. Structure must withstand loads applied in the directions permitted by the system of at least 5,000 lbs. per PFAS in system. Maximum free fall is 6' unless used in combination with equipment explicitly certified for extended free fall. Applicable D-ring: Dorsal.



**Restraint:** Stingray Anchor may be used in Restraint applications. Restraint systems prevent workers from reaching the leading edge of a fall hazard. Always account for fully deployed length of lanyard/SRL. Structure must withstand loads applied in the directions permitted by the system of at least 1,000 lbs. No free fall is permitted. Restraint systems may only be used on surfaces with slopes up to 4/12 (vertical/horizontal). Applicable D-rings: Dorsal, Chest, Side, Shoulder.

For all applications: worker weight capacity range (including all clothing, tools, and equipment) is 130-310 lbs., or up to 420 lbs. if used in combination with equipment explicitly certified for such use.

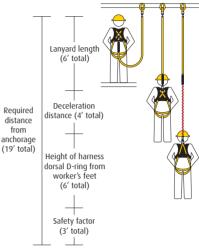


# GUARDIAN FALL PROTECTION

### **Limitations**

Fall Clearance: There must be sufficient clearance below the anchorage connector to arrest a fall before the user strikes the ground or an obstruction. When calculating fall clearance, account for a MINIMUM 3' safety factor, deceleration distance, user height, length of lanyard/SRL, and all other applicable factors. Diagram shown is an example fall clearance calculation ONLY.

### FALL CLEARANCE CALCULATION



### Fall Clearance: Stingray Anchor and Absorbinator HLL System

Clearance Ta	able Using	Energy A	bsorbing	Lanyards
Span Length (FT)	3 FT Lanyard	4 FT Lanyard	5 FT Lanyard	6 FT Lanyard
0-10	18' 10"	19' 11"	20' 11"	21' 11'
10-15	19' 7"	20' 7"	21' 7"	22' 7"
15-20	20' 2"	21' 2"	22' 2'	23' 2"
20-25	20' 11"	21' 11"	22' 11"	23' 11"
25-30	21' 6"	22' 6"	23' 6"	24' 6"
30-35	22' 2"	23' 2"	24' 2"	25' 2"
35-40	22' 10"	23' 10"	24' 10"	26' 10"
40-45	23' 6"	24' 6"	25' 6"	27' 6"
45-50	24' 1"	25' 1"	26' 1"	28' 1"
50-55	24' 10"	25' 10"	26' 10"	28' 1-"
55-60	25' 5"	26' 5"	27' 5"	29' 5"
60-65	26' 1"	27' 1"	28' 1"	29' 1"
65-70	26' 8"	27' 8"	28' 8"	29' 8"
70-75	27' 5"	28' 5"	29' 5"	30' 5"
75-80	28' 0"	29' 0"	30' 0"	31' 0"
80-85	28 8"	29' 8"	30' 8"	31' 8"
85-90	29' 4"	30' 4"	31' 4"	32' 4"
90-95	30' 0"	31' 0"	32' 0"	33' 0"
95-100	30' 7"	31' 7"	32' 7"	33' 7"

	ce Table Using a acting Lifeline (SRL)
Span (FT)	Required Distance
0-10	10' 11"
10-20	12' 0"
20-30	13' 1"
30-40	14' 2"
40-50	15' 4"
50-60	16' 5"
60-70	17' 6"
70-80	18' 7'
80-90	19' 8"
90-100	20' 10"

\*This table only applies when SRL and HLL are located above harness dorsal D-ring.

**Swing Falls:** Prior to installation or use, make considerations for eliminating or minimizing all swing fall hazards. Swing falls occur when the anchor is not directly above the location where a fall occurs. Always work as close to in line with the anchor point as possible. Swing falls significantly increase the likelihood of serious injury or death in the event of a fall.



**Compatibility:** When making connections with Stingray Anchors, eliminate all possibility of roll-out. Roll-out occurs when interference between a hook and the attachment point causes the hook gate to unintentionally open and release. All connections must be selected and deemed compatible with Stingray Anchors by a Competent Person. All connector gates must be self-closing and self-locking, and withstand minimum loads of 3,600 lbs. See the following for examples of compatible/incompatible connections:

Connector closed and locked to D-ring. **OK.** 





Connector to integral lanyard. NO.

Two or more snap hooks or carabiners connected to each other. NO.









Connector directly to webbing.

Two connectors to same D-ring. **NO.** 





Application that places load on gate. **NO.** 

Incompatible or irregular application, which may increase risk of roll-out. NO.







Connector directly to horizontal lifeline. No.

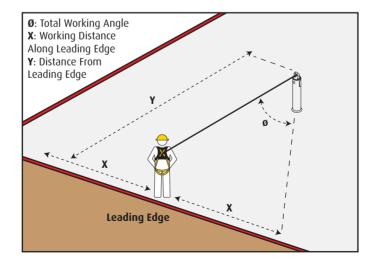


### **Correct Anchorage Positioning:**

This chart details allowable working zones required to reduce risk of swing falls and improper side loading. ALWAYS adhere to information specified by chart.

Anchor Distance From Leading Edge (Y)	Working Distance Along Roof Edge (Either Direction) (X)	Working Angle From Perpendicular (Ø)
6′	8'	53°
10′	9' - 9"	45°
15′	11' - 7"	38°
20′	13' - 3"	33°
25′	14' - 6"	30°
30'	16′	28°
35′	17' - 2"	26°
40′	18' - 3"	24°
45′	19' - 4"	23°
50′	19' - 10"	21°
55′	21' - 4"	21°
60′	22' - 3"	21°

For example, if the anchorage connector is 6' from the leading edge (Y), the working distance (X) is 8' in each direction from the perpendicular, which translates to a 53° working angle.



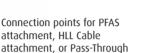


### **Components and Specifications**

Materials: Powder-coated steel, zinc-plated steel, and zinc.

HLL Cable (Product #:01400, sold separately): MUST be 3/8" galvanized aircraft cable. Necessary length will vary depending on system. Cable must span entire length of system, and include additional length necessary to complete all connections and termination points.

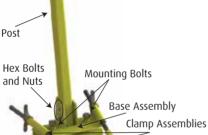




Accessory attachment.



Pass-Through Top





Absorbinator

Part #	Description
15048	Stingray Absorbinator System for application under 60'. Includes (1) Absorbinator, (3) Shackles, (2) Thimbles, (1) Turnbuckle, (6) Fist Grips, & (2) 2½" O-rings.
15049	Stingray Absorbinator System for application over 60'. Includes (2) Absorbinators, (4) Shackles, (2) Thimbles, (1) Turnbuckle, (6) Fist Grips, & (2) 2½" O-rings.
04730	Stingray Post Assembly for steel beam. Includes (1) Post, (2) L Brackets, (2) Threaded Rods, (2) Wing Nuts, & (1) Shackle. Standard base with 18" rod and standard flange hook. Does not include Pass-Through Top.
04731	Stingray Pass-Through Top. Includes hardware.
04736	Stingray 2 Post Kit. Includes (2) 04730 Post Assemblies, (1) 15049 HLL Attachment Absorbinator System. For applications under 60'.
04737	Stingray 3 Post Kit. Includes (3) 04730 Post Assemblies, (1) 04731 Pass-Through Top, (1) 15049 HLL Attachment Absorbinator System. For applications over 60'.



### Installation and Use

Stingray Anchors MUST NOT be used as permanent anchors. NEVER install on bottom beam flange.

Stingray Anchors MUST ONLY be installed on horizontal structural steel "I" beams capable of withstanding 5,000 lbs. per PFAS in complete system.

### **Compatible Beam Flange Measurements:** Width: 5" - 13" Maximum thickness: 3--3/8"

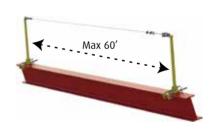
AWARNING NEVER use Stingray Anchor simultaneously as independent anchorage connector and as component of HLL system.

Stingray Anchors may be used as independent anchorage connectors OR as components of a complete HLL system. In HLL applications, Stingray Anchors stop falls by allowing the attached steel cable to stretch via the bending and deflection of system posts, and via PFAS equipment worn by user. In the event of a fall, some deformation of the building structure or steel support beams is possible. Guardian Fall Protection is not responsible for any structural damages that may occur.

When used as anchorage connector, MAXIMUM 1 connection per Stingray Anchor.

When used in HLL applications, 300' MAXIMUM system length. MAXIMUM 60' between consecutive Stingray Anchors; for complete Stingray Anchor Systems longer than 60'. intermediary Stingray Anchor(s) and at least 1 additional Absorbinator MUST be used.

While details about Absorbinator are provided in this manual, the complete Absorbinator instruction manual MUST be read and fully understood prior to using Absorbinator in combination with Stingray Anchor.



MAXIMUM 2 PFAS per complete Stingray Anchor System, unless the following conditions are met:

- 1. HLL Cable, with attached Absorbinator, must be terminated at a pair of Stingray Anchors. This is considered 1 span.
- 2. In intended direction of HLL, and on non-utilized connection point of Stingray Anchor from previous pair, attach another Absorbinator, then attach separate HLL Cable to Absorbinator to continue Stingray Anchor System.
- 3. 2 PFAS may be used per EACH Absorbinator span within Stingray Anchor System up to a MAXIMUM 6 PFAS in entire system.



#### Prior to installation and use, plan your system:

- 1. Ensure selected installation locations for Stingray Anchors will withstand minimum loads as specified by this instruction manual.
- 2. ALWAYS make considerations to eliminate or reduce swing fall hazards.
- 3. Fall clearance for each installation location MUST be calculated by a Qualified Person, and MUST be considered in the selection of PFAS equipment (refer to pgs. 6-7).
- 4. Ensure all components of PFAS are selected and deemed compatible with Stingray Anchor by a Competent Person.
- 5. For HLL applications, ensure entire HLL system design and installation is done under supervision of Qualified Person. NEVER judge HLL tension by eye; ALWAYS measure line sag and keep in concordance with sag requirements specified by Absorbinator instruction manual. NEVER over-tighten cable; proper sag in cable reduces forces of fall arrest.
- 6. If performing installation at heights over 6', ALWAYS use a complete and independent PFAS until Stingray Anchor System is fully installed and able to withstand forces of Fall Arrest as specified by this instruction manual. Always maintain 100% tie-off.

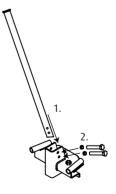
#### Installation:

#### **Stingray Anchor Assembly:**

- 1. Measure and plan installation locations for all Stingray Anchors. It is recommended that at least 2' be allowed between Stingray Anchor and end of beam. **MAXIMUM spacing between Stingray Anchors is 60'.**
- 2. Install Stingray Anchor Post into Base Assembly. Both pairs of 1/2" x 3" Hex Bolts and 1/2" Hex Nuts MUST be used. Tighten with compatible wrench until snug. DO NOT torque. Complete this step for all required Stingray Anchors. Assemble all Stingray Anchors at ground level and away from all fall hazards.



3. With compatible wrench, thread mounting bolts to the point where Stingray Base Assembly will fit fully around selected compatible structural beam.





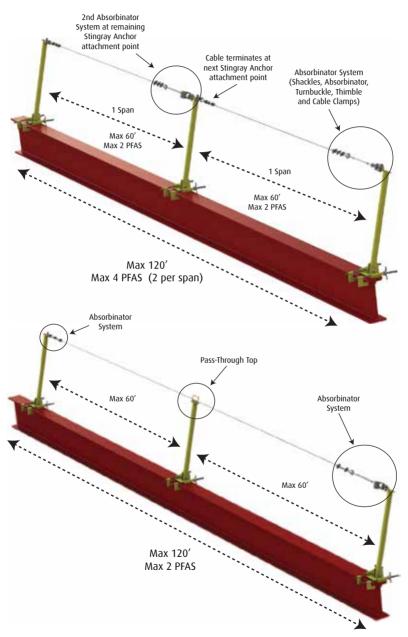
- 4. Place Stingray Anchor at selected installation location on structural beam. Tilt Base Assembly to one side and tighten Mounting Bolt on that side until snug. Repeat for opposite side. Ensure back of Base Assembly throat is flush against beam flange.
- 5. With compatible wrench, ensure both Mounting Bolts are snug against beam flange.
- 6. Insert both Clamp Assemblies through corresponding installation locations, and hook over beam flange. Secure both Clamp Assemblies with corresponding wing nuts and tighten until snug. Tap both wing nuts with a hammer to fully secure.
- 7. Re-tighten all fasteners mentioned in steps 1-6 to ensure entire Stingray Anchor is fully secured to structural beam.
- 8. Repeat steps 1-7 for all Stingray Anchors.

#### Absorbinator and HLL Installation:

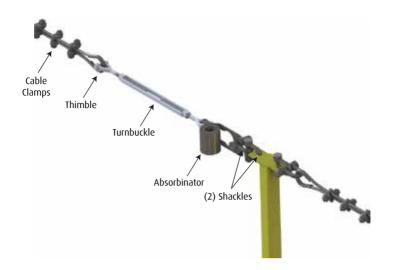
- 1. Typical HLL systems include cable (MUST be 3/8" aircraft cable), turnbuckle tensioner, cable clamps, anchor points (Stingray Anchors), a shock absorber (Absorbinator), and fasteners. ALWAYS read and understand all equipment manufacturer's instructions.
- 2. Ensure all Stingray Anchors are aligned by using a string line between the end anchorage points. HLL Cable must be able to connect to all applicable Stingray Anchor connection points and travel through all applicable Pass-Through Accessories, while always maintaining appropriate line sag as specified by Absorbinator instruction manual.
- 3. Fully plan all anticipated uses of Stingray Anchor HLL System and maximum number of PFAS that will attach to entire system at one time. Minimum 2 Absorbinators required for systems greater than 60'. 1 Absorbinator required for every 2 PFAS attached to system. MAXIMUM 2 PFAS per span. 2 PFAS maximum for entire system unless following conditions are met:
- For entire Stingray Anchor System to allow for more than maximum 2 PFAS, additional Absorbinators are required.
- Absorbinator system must be attached to connection point of first Stingray Anchor. HLL Cable must connect to Absorbinator system, then terminate at connection point of second Stingray. This is considered 1 span.
- To continue system with additional spans, on remaining connection point of second Stingray Anchor, another Absorbinator system MUST be installed, and a separate HLL Cable MUST be attached to Absorbinator and terminated at next selected Stingray Anchor connection point.
- When transferring between spans within a continuous Stingray Anchor HLL System, ALWAYS maintain 100% tie-off. NEVER disconnect PFAS from HLL System before connecting to next span. A dual-leg lanyard or SRL, or other compatible equipment, is necessary to maintain 100% tie-off in this manner.
- Even with proper number of Absorbinators, MAXIMUM 6 PFAS attachments per system.



See the following example diagrams of Stingray Anchor Systems longer than 60' (minimum 2 Absorbinators required for systems greater than 60'):







- 4. For all Absorbinators, attach Absorbinator to steel shackle or compatible carabiner, attach shackle/carabiner to second shackle, and attach second shackle to Stingray Anchor connection point. For all shackles, tighten bolt until at least one thread is fully visible.
- 5. Attach turnbuckle to Absorbinator. Tighten bolt until at least one thread is fully visible.
- 6. Attach cable thimble on other end of turnbuckle. Tighten bolt until at least one thread is fully visible.
- 7. Loop one end of HLL Cable around thimble. Pull cable through 5--1/4". Secure cable with MINIMUM 3 Cable Clamps (refer to Absorbinator instruction manual for complete Cable Clamp installation instructions). 1) Apply first Cable Clamp one full Clamp length away from cable termination. Use torque wrench to evenly tighten Clamp, alternating from one nut to the other, until reaching torque of 45 foot-pounds; 2) Apply second Cable Clamp as close to thimble as possible, and tighten in same manner; 3) Apply third Cable Clamp equally between previously installed Cable Clamps, and tighten in same manner.
- 8. At second HLL Cable termination point, attach second cable thimble to Stingray Anchor connection point.
- 9. Loop HLL Cable around second cable thimble, and attach minimum 3 Cable Clamps per instructions specified in step #7.





#### Lahels



#### Stingray Anchor

Part #: 04730

Prior to use, read and understand all instructions provided by manufacturer at time of shipment

Compliant with OSHA 1910, OSHA 1926 Subpart M, ANSI Z359.1-2007 and ANSI A10.32-2012 regulations

Date of Manufacture:

Capacity Range: 130-310 lbs., or up to 420 lbs. if used with equipment explicitly certified for such use.

Materials: Powder-coated steel, zinc-plated steel. & zinc.

Connections must be selected and deemed compatible with Stingray Anchor Post by Competent Person.

Beam compatibility: Width: 5" to 13" Thickness: 3--3/8" Maximum

MAXIMUM 1 PFAS per Stingray vhen used as anchorage connector

MUST be used with Absorbinator shock absorber system in HLL applications. All instructions provided with Absorbinator system must be read and understood prior to use. All HLL installation and maintenance must be done under supervision of a Qualified Person.

> MAXIMUM 60' between consecutive Stingray posts.

> > MAXIMIIM total HII system length: 300'

MAXIMUM 2 PFAS per Absorbinator in HLL system as specified by instructions

> MAXIMUM 6 PFAS per entire HLL system.

Always maintain 100% tie-off

#### Stingray Anchor Installation: Thread Mounting Bolts so base

will fit onto structural beam. 2. Place Stingray Anchor over flange, and tighten Mounting Bolts with wrench until snug. 3. Install both Clamp Assemblies

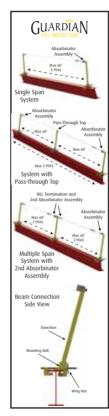
Tighten wing nuts until snug, then tap with hammer to fully secure. 4. Re-tighten all bolts and connections prior to EVERY use

#### **AWARNING**

Avoid contact with all hazards, including, but not limited to, electric shock, high temperatures, and sharp/abrasive edges

Never lean or climb on Stingray Anchor or associated HLL system.

800-466-6385 www.guardianfall 6305 S. 231st St., Kent, WA 9803





#### Fall Clearance: Stingray Anchor and Absorbinator HLL System

Span Length	3' Lanyard	4' Lanyard	5' Lanyard	6' Lanyard
0-10'	18' 10"	19′ 11″	20' 11"	21' 11"
10-15'	19' 7"	20" 7"	21'7"	22' 7"
15-20'	20" 2"	21' 2"	22' 2"	23' 2"
20-25'	20" 11"	21'11"	22' 11"	23' 11"
25-30'	21'6"	22' 6"	23' 6"	24' 6"
30-35"	22' 2"	23' 2"	24' 2"	25' 2"
35-40'	22' 10"	23' 10"	24' 10"	26' 10"
40-45'	23′ 6″	24' 6"	25' 6"	27′ 6″
45-50"	24' 1"	25' 1"	26' 1"	28' 1"
50-55'	24' 10"	25' 10"	26' 10"	28' 10"
55-60'	25' 5"	26' 5"	27' 5"	29' 5"

#### Fall Clearance: Stingray Anchor and Self-Retracting Lifeline (SRL)

Span Length	Required Distance
0-10'	10' 11"
10-20"	12'
20-30'	13' 11"
30-40'	14' 2"
40-50'	15' 4"
50-60'	16′ 5″

SRL table only applies when SRL and HLL re located above harness dorsal D-ring

#### INSPECTION GRID

ust inspect prior to EACH use Competent

Date of First Use:

Product lifetime is indefinite as long as
equipment passes pre-use and nnetent Person inspertions

YR MO	20	20	20	20	20
J					
F					
M					
Α					
M					
J					
J					
Α					
S					
0					
N					
D					

If equipment fails inspection IMMEDIATELY REMOVE FROM SERVICE

DO NOT REMOVE LABELS



	nspection	log m	ust be	e spec	ific to	one S	tingra	y And	hor. S	epara	te ins	pectio	n log
YR Y						пэрес		corus	111030	De III	auc v	isibic	and
YR Y		J	F	M	A	M	J	J	A	S	O	N	D
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If equipment fails inspection IMMEDIATELY REMOVE FROM SERV	YR												
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		men	ıt fai	ls ins	pect	ion I/	MME	UIAI	LLIK	EMIO	VE FR	COM :	DEK
		omen	nt fai	ls ins	pect	ion II	MME	VIAI		EMO	VE FR	KOM :	DEK V
	If equip	omen	nt fai	ls ins	pect	ion II	MME	UIAI		EMO	VE FR	COM :	SEK V
	If equip	omen	nt fai	ls ins	pect	ion II	MME	UIAI		EMO	VE FR	COM :	SEK V

