FALL SAFE™

USER INSTRUCTIONS FOR
HLL WELD-ON LUG

Model # 6158, 6160

SureWerx®

FALL SAFE™
Ph. 1-800-323-7402

Canada labels
SureWerx, 49 Schooner St.
Coquitlam, BC V3K 0B3

USA labels
SureWerx USA Inc.
Elgin, IL USA 60123

GENERAL INSTRUCTIONS

It is the responsibility of the employer, as part of a total fall arrest rescue and evacuation program, to retain the manufacturer's instructions and make them readily available to all users. The employer must provide adequate training in the proper use and care of this product prior to use.

MANUFACTURER'S NAME AND ADDRESS

Fall Safe™
Canada labels
SureWerx, 49 Schooner St.
Coquitlam, BC V3K 0B3

Fall Safe™
USA labels
SureWerx USA Inc.
Elgin, IL USA 60123

PART NUMBER AND MODEL DESIGNATION

Model type: HLL Weld-on Lug

Part Number: Model # 6158 Material: carbon steel
Model # 6160 Material: stainless steel

Caution: Always certify, using a qualified person, that the structure to which the HLL Weld-on Lug is being attached will carry the intended loads per OSHA and ANSI standards. For use with the Skyline Horizontal Lifeline System.

When using as an anchorage for an HLL , always insure that the structure it is attached to will support the maximum anticipated load with a 2 to 1 safety factor (which may be as great as 14,000 lbs.).

INTENDED USE AND PURPOSE OF THE EQUIPMENT

The HLL Weld-on Lug is a horizontal lifeline end anchorage intended for use only for the connection of horizontal lifelines to approved structural steel surfaces.

PROPER METHOD OF USE

1. Prepare the surface where the Weld-on Lug is to be located. Paint, scale and rust must be removed by grinding or sanding to create a surface capable of being welded to.

2. Mark the location where the Lugs are to be placed. Ensure the locations are placed so that the lifeline will be straight and level when welded in place.

3. Weld the Lug into place with the Lug in line (parallel) with the horizontal lifeline (see Figure 1). Weld with a 5/16-in. fillet weld using 70,000 PSI minimum strength MIG wire or electrode.

4. Bolt Skyline Horizontal Lifeline Stanchions in place using the hardware supplied with the stanchion.

SKYLINE HLL WELD-ON LUG MODEL # 6158/6160

Orientaion diagram for the Weld-on Lug

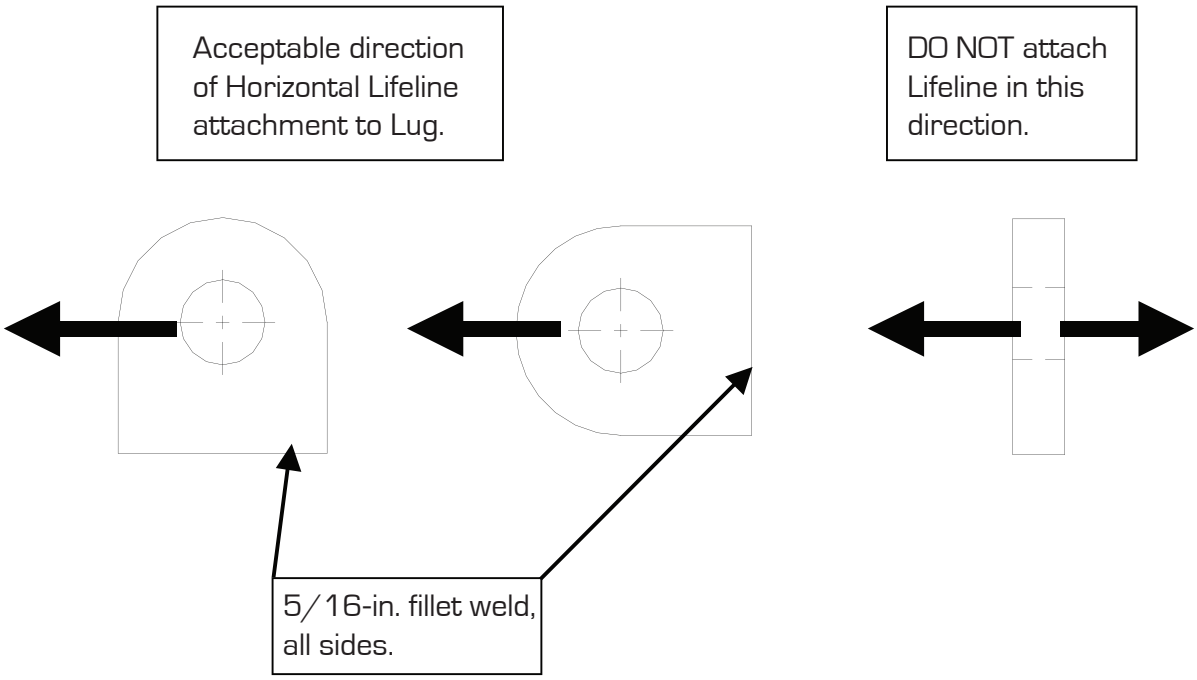


Figure 1

CAUTION!

- Use only with the Skyline HLL system using 3/8-7 x 19 steel cable and the Skyline Shock Absorber pre-tensioned to 1000 lbf.
- Use only with HLL systems in which the anticipated maximum line tension does not exceed 6000 lbf.
- Do not replace factory supplied bolt with any substitute.
- Do not install on open ended I-beam or structure.
- Do not install in corrosive environments that will cause degradation or corrosion of steel or zinc plated components.
- Do not use when the danger of lightning strike exists.
- Do not install or use near electrical hazards.
- Do not install this Lug at elevations that will allow the worker to strike a lower level or objects that are below him in case of a fall.

This product should be used only according with these instructions and in accordance with all state, federal and local safety regulations. The worker must read, heed and understand all warnings and instructions called out in the labels and operating instructions prior to use. Any hazards to safe and proper operation must be eliminated prior to use.

The manufacturer is not responsible for damages resulting from an improper application or use of this product. Proper application also means considering the operating instructions, workplace geometry, workplace hazards and the conditions of inspection and maintenance.

The user must have a rescue plan, be trained in the use of this plan and the means at hand to implement it when using this equipment.

Damaged products and products having already been used for arresting a fall must be removed from service.

Whenever the structure to which this Lug is attached is altered, the suitability of the Lug as an anchorage must be recertified by a qualified person. Periodic inspections should be conducted by this qualified person at least once yearly.

Always use a qualified person or trained engineer to determine if the structure to which the Lug is attached, is of sufficient strength to support the anticipated load. Always use this product only with shock absorbing lanyards or SRLs attached only to the dorsal d-ring of the workers harness.

WARNINGS

• Do not alter or attempt to repair the equipment.

• Do not replace bolts with any substitute.

• Use equipment for intended purpose only.

• Do not use combinations of components or subsystems, or both, which may affect or interfere with the safe function of each other.

• Do not expose equipment to chemicals which may produce a harmful effect. Consult the manufacturer in cases of doubt.

• Do not use equipment around moving machinery and electrical hazards. Do not use equipment near sharp edges and abrasive surfaces. Avoid exposure to physical and chemical hazards which the product is not designed to withstand.

• Make only compatible connections. This product may only be used in connection with a safety harness as per ANSI Z359.1. This product is designed for single person usage in conjunction with a full body harness and compatible anchorage devices. Only approved safety devices that comply with ANSI Z359.1 and OSHA regulations may be used with this product.

• Follow all limitations to the use of this Weld-on Lug as outlined in the section “Proper Method of Use.”

INSPECTION, MAINTENANCE AND STORAGE

The user of this product is responsible for the execution of inspection, maintenance and possible repairs. The user shall inspect equipment before each use to ensure that the equipment is in serviceable condition and operating correctly.

A yearly inspection of this product should be performed by a qualified person capable of determining the suitability for use.

In addition to this, the product must be checked for possible damages after any fall arrest load has been applied and is to be examined by an expert who must then decide if the product is suitable for further use.

The user must remove equipment from field service that has been subjected to a fall arrest. An authorized inspection is then required to determine if the product is suitable for further use.

When any inspection reveals defects in, damage to, or inadequate maintenance of equipment, the equipment shall be tagged as **"UNUSABLE"** and be permanently removed from service or undergo adequate corrective maintenance by means of an authorized inspection before return to service.

Most common defects are for example:

- Corrosion
- Absence of any elements affecting the equipment form, fit or function
- Evidence of defects in or damage to hardware elements including cracks, sharp edges, deformation, corrosion, chemical attack, excessive heating, alteration and excessive wear
- Improper attachment to beam for intended use

Prior to installation equipment shall be stored in a cool, dry and clean place away from direct sunlight in a manner as to preclude damage from environmental factors such as heat, light, excessive moisture, oil, chemicals and their vapors or other degrading elements.

CLEANING

Product may be cleaned with soap and water or solvents that do not contain chlorine or chemicals corrosive to steel or zinc.

Formal Inspection

Buyer/client:	
Product description: Skyline HLL Weld-on Lug	Model No. 6158/6160
Year of Manufacture:	
Date of purchase:	
Date of first use:	
Name of user:	

This formal inspection grid and log has to be filed at the buyers department of occupational health and safety and is to be sent along with the product for the annual formal inspection through a competent person. Only completely inspected products are subject of the product warranty and liability of the distributor and manufacturer.

Inspected according to specifications outlined by manufacturer:

By:	Date:	By:	Date:
Stamp	Signature	Stamp	Signature
By:	Date:	By:	Date:
Stamp	Signature	Stamp	Signature
By:	Date:	By:	Date:
Stamp	Signature	Stamp	Signature

The inspector confirms with his signature the compliance of his inspection with all specifications as outlined by the manufacturer and as required by standards and regulations pertaining to occupational health and safety and fall protection.

Inspection Checklist

HLL Weldon Lug, Model No.: 6158/6160

	1. Year	2. Year	3. Year	4. Year	5. Year	6. Year
	Date	Date	Date	Date	Date	Date
By a qualified person:	Inspector	Inspector	Inspector	Inspector	Inspector	Inspector

Weldon Lug:

No missing parts						
No Corrosion						
No deformation						
Functioning condition						
No changes to attachment structure						

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WARRANTY: • Warranty policy is that of an implied manufacturer warranty and covers manufacturer's defects and workmanship. This warranty is valid for one year from date of purchase unless otherwise stated • Warranties are limited to the replacement of defective parts. Parts damaged from misuse will not be replaced under the warranty program. SureWerx USA shall be the sole judge of part condition • Warranty does not apply to: (i) cosmetic damage, such as scratches, nicks and dents; (ii) consumable parts, such as batteries, unless product damage has occurred due to a defect in materials or workmanship; (iii) damage caused by accident, abuse, misuse, water, flood, fire, or other acts of nature or external causes; (iv) anticipated wear or damage due to use of the product in the application for which it is marketed; (v) damage to a product that has been modified or altered without the written permission of SureWerx. • Warranty varies by brand and product category. Please contact customer service for specific warranty policies

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