



User Instructions
for
Rescue Wristlets
Model # 722001



Reliance Fall Protection, LLC
PO Box 2046
Deer Park, TX 77536
Ph. (888) 362-2826
Ph. (281) 930-8000
Fax (281) 930-8666



Table of Contents

MANUFACTURER’S NAME AND ADDRESS 3

PART NUMBER AND MODEL DESIGNATION 3

GENERAL INFORMATION..... 3

DESCRIPTION 4

RESCUE WRISTLETS COMPONENTS..... 4

 FIGURE 1 – RESCUE WRISTLETS COMPONENTS 4

PROPER METHOD OF INSTALLATION 5

**SELECTION OF PERSONAL PROTECTIVE EQUIPMENT TO BE USED WITH THE RESCUE WRISTLETS
..... 5**

GENERAL CAUTIONS 6

INSPECTION, MAINTENANCE AND STORAGE 6

PROCEDURE FOR INSPECTION..... 7

CLEANING..... 7

WARNING 7

FORMAL INSPECTION..... 9

INSPECTION CHECKLIST..... 10

User Instructions

722001 Rescue Wristlets



Reliance Industries, LLC

Manufacturer's Name and Address

Reliance Fall Protection, LLC
PO Box 2046
Deer Park, TX 77536

Tel.: (888) 362-2826
Fax: (281) 930-8000

Part Number and Model Designation

Model type: Rescue Wristlets
Part Number: 722001
Proof Load: 3,600-lb. (hardware)
Load Rating: 5,000-lb.
Material: 1-in. wide polyester Tattle Tale® webbing
1-in wide polyester black
D-ring, zinc-plated carbon steel

General Information

Anyone using this product must be familiar with and understand the instructions outlined in this manual. Failure to use these products in accordance with these instructions could result in serious injury or death.

KEEP THESE 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. If requested, this manual, along with the inspection log, must be presented to the manufacturer for review, and must accompany the Rescue Wristlets if for any reason it is ever returned to the manufacturer.

This product must be used in accordance with all applicable federal OSHA and state safety regulations. This product is to be used only as one component in a complete, approved personal fall arrest system. It is not a lifting device for materials or anchorage point for lifting materials or any other purpose not specifically outlined in this manual. If questions arise about the suitability of this product for any particular application, consult Reliance Fall Protection at (888) 362-2826.

Use of this Lanyard in a manner not authorized by Reliance Fall Protection, LLC may impair its function and safety, will void any warranty, expressed or implied, and consequences arising from such misuse or use in any manner not specifically described in this manual will be the sole responsibility of the user and/or his employer.

Description

The Rescue Wristlets is one component of a worker retrieval/extraction system. The Rescue Wristlets is constructed of 1-in wide polyester webbing with a d-ring to connect to a means of retrieving or extracting the worker (such as a man-rated hoist).

WARNING: This product is not intended to be used as part of a hauling system used to raise or lower workers in a vertical orientation. The use of any mechanical hoist may limit the attendant's sensory ability to feel obstructions resulting in further serious injury in the person being raised. A Competent person must weigh the potential risk of using the Rescue Wristlets system (as compared to a rigid backboard or cage, etc.) versus the benefit of an extremely rapid rescue method.

Rescue Wristlets Components

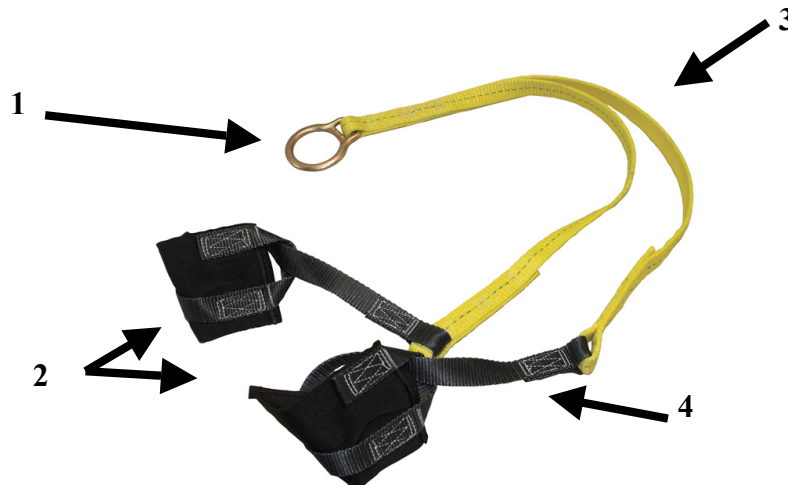


Figure 1 – Rescue Wristlets Components

Components of the Rescue Wristlets, P/N 722001:

- | | |
|-------------------|--|
| 1. Lifting D-Ring | 3. Tattle Tale lift webbing, 1-in. wide |
| 2. Wristlets | 4. Polyester grip webbing, 1-in wide black |

Proper Method of Installation

The most common use for Rescue Wristlets is for the horizontal retrieval or extraction of a worker from a confined space.

The d-ring is the only approved attachment point for the lifting/winching device, no other connection can be connected at this location. An independent Personal Fall Arrest System must be connected to the dorsal (back) d-ring of the workers' harness if a fall hazard exists.

NOTE: Prior to the consideration of use of the Rescue Wristlets, a site survey must be undertaken before the system is considered as a method of rescue. The horizontal extraction path **MUST** be free of obstructions to prevent any potential ligament or joint injury during retrieval.

For use as a means of worker retrieval/extraction:

1. Connect lifting cable or hauling line to the Rescue Wristlets d-ring using an approved method of connection. A secure, compatible connection is required. **CAUTION:** The use of any mechanical hoist may limit the attendant's sensory ability to feel obstructions resulting in further serious injury in the person being raised.
2. Connect to the user by choking the wristlets over the wrists or ankles. If connected to the users wrists, the user shall grasp the 1-in wide black webbing to provide a secure extraction. **CAUTION:** This product is **NOT** designed to suspend a worker vertically by the wrists or ankles which could cause severe damage or injury to the users joints, ligaments, spinal column, or tendons. **NOTE:** The rescue wristlets product is designed specifically for horizontal retrieval or extraction only.
3. Connect independent Personal Fall Arrest System to worker's dorsal d-ring should the presence of a fall hazard exist.
4. Slowly take up slack in winch line. Allow the worker to adjust the Rescue Wristlets to avoid undue pinching or discomfort. Slowly extract the worker providing good communication between the worker and rescuer.

Selection of Personal Protective Equipment to be Used with the Rescue Wristlets

The Rescue Wristlets is one component in a worker retrieval/extraction system. It is a means of connecting a lifting cable to a workers' wrists or ankles for means of horizontal extraction or retrieval.

The Rescue Wristlets is **NOT** meant as a fall protection connection or device. It must not be used in situations where it will be exposed to free-falls. It must be used with an independent Personal Fall Arrest System (PFAS) connected to the workers' dorsal d-ring where fall hazards exist. Because of the distances the worker may be raised or lowered, a shock absorbing lanyard may not be practical and could expose the worker to free-fall of more than 6-ft. Self-retracting lifelines should limit forces transferred to the body to 900-lb. or less. Most PFAS systems limit the weight of the worker to 310-lb. or less including clothing and tools.

User Instructions

722001 Rescue Wristlets



Reliance Industries, LLC

Train workers to be aware of resulting free-fall distances when using the Rescue Wristlets. Ensure that proper clearance distances are maintained at all times.

General Cautions

This product should be used only in accordance with these instructions, the instructions of any device to be used with the Rescue Wristlets, 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. 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 means following the operating instructions, workplace geometry, workplace hazards and the conditions of inspection and maintenance. A site survey must be undertaken before the Rescue Wristlet system is considered as a method of rescue. The horizontal extraction path **MUST** be free of obstructions to prevent any potential ligament or joint injury during retrieval.

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, or general work area in which the Rescue Wristlets are installed is altered, the suitability of the fall protection anchorage must be re-certified by a Qualified Person who must determine if the fall protection equipment will still function in an appropriate and safe manner. This Qualified Person should conduct periodic inspections at least once yearly.

Inspection, Maintenance and Storage

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

A Competent Person capable of determining the suitability for use should perform twice yearly inspections of all Lanyards being used to assure not only the condition of the Lanyards but also the condition of the structures to which they are attached and the manner they are used.

In addition to this, the product must be identified and removed from service **IMMEDIATELY** after **ANY** fall arrest load has been applied until it has been inspected by a Competent Person and re-certified for use. **NOTE:** The Rescue Wristlets are not meant for use as a fall protection device; it must only be used with an independent personal fall arrest system attached to the worker's dorsal d-ring.

The user must tag and remove equipment from field service that has been subjected to a fall arrest. An authorized inspection is then required to determine if the other components of the Personal Fall Arrest System are suitable for further use.

User Instructions

722001 Rescue Wristlets



Reliance Industries, LLC

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.

Procedure for Inspection

Carefully conducted inspections are necessary to ascertain the condition of the materials making up the Rescue Wristlets before each days use, and a more thorough examination must be conducted by a Competent Person on a twice yearly basis. The primary purpose of inspecting the Lanyard is removal from service those lanyards that contain defects or damage that could pose a hazard to continued normal operations. The individual making the inspection should be familiar with the lanyard, its’ method of operation and use, and the components making up the lanyard.

The visual inspection of the lanyard begins with an examination of the d-ring at the top of the lanyard. There should be no signs of bending or cracks present in the d-ring. There should be no raised burrs or sharp edges present that could abrade or cut the webbing. Any small burrs or sharp edges can be removed with a small file.

The Tattle Tale® webbing of the lanyard should show no signs of red anywhere along its’ length. Any visible traces of red showing through the yellow outer layer are an indication that some form of weakening is present in the webbing. This may be caused by weld strikes, cuts, abrasion, or pinching of the web, all of which cause a general weakening of the strap requiring replacement. The webbing that captures the d-ring should also be examined for fraying where the d-ring crossbar comes into direct contact with the web.

All box stitching present in the Rescue Wristlets should be examined for broken threads.

If ANY of the above listed defects are observed, the lanyard should be tagged “UNUSABLE” and immediately removed from service.

Cleaning

The Lanyard should always be handled in a manner that will protect them from damage or corrosion. Prior to use, the webbing of the Rescue Wristlets may be cleaned if necessary with a mild soapy solution to remove dirt, dust and debris.

WARNING

This product is not intended to be used as part of a hauling system used to raise or lower workers in a vertical orientation.

A site survey must be undertaken before the Rescue Wristlet system is considered as a method of rescue. The horizontal extraction path MUST be free of obstructions to prevent any potential ligament or joint injury during retrieval.

The use of any mechanical hoist may limit the attendant’s sensory ability to feel obstructions resulting in further serious injury in the person being raised.

User Instructions
722001 Rescue Wristlets



Reliance Industries, LLC

A Competent person must weigh the potential risk of using the Rescue Wristlets system (as compared to a rigid backboard or cage, etc.) versus the benefit.

User Instructions
722001 Rescue Wristlets



Reliance Industries, LLC

Formal Inspection

Buyer/client:

Product description: Rescue Wristlets
722001

Model No.

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.

User Instructions
722001 Rescue Wristlets



Reliance Industries, LLC

Inspection Checklist

Rescue Wristlets, Model No.: 722001

	1. Year	2. Year	3. Year	4. Year	5. Year	6. Year
	Date	Date	Date	Date	Date	Date
By a Competent Person:	Inspector	Inspector	Inspector	Inspector	Inspector	Inspector

Rescue Wristlets:

No red showing in webbing						
No cuts, fraying, punctures, etc.						
D-ring present						
No corrosion present						
Attachment structure strong enough						
Notes:						

© Copyright by Reliance Industries, LLC - Excerpts and duplication of this formal inspection grid and log only with prior consent.