



Robertson Harness
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 (970) 682-4470

These instructions are provided to the user by the manufacturer and should be saved for Future Reference.

Usage & Applications

- This harness is a basic ANSI rated harness designed specifically for use in the zip-line / adventure park industry to meet industry standards for workers and customers at height if Fall Protection is required. The Dorsal D ring is easily adjustable on rear of the chest. (Rated for Fall Arrest) Should be used for all Class III full body fall arrest applications. Attach only ANSI compliant lanyards and shock absorbing/decelerating devices to dorsal D ring Attachment points on the back dorsal. Maximum free fall distance is dictated by type of fall protection lanyard or system utilized. Following current ANSI specifications, Dorsal attachment allows for 6 or 12 ft. free fall if utilizing energy absorbing lanyards designed for 6 or 12 ft. free fall. Ensure complete inspection and qualified person verification of fall protection system to meet needed protection. The "Front" Connection or Belay is for "Suspension & Descent Control" and "ladder access." The "Rear" structural loop and "Front" Belay loop are rated for "Work Positioning" fall restraint. Harnesses belays are color coded to easily distinguish sizing. This harness was designed for workers and customers at height in need of a Dorsal "Fall Arrest" rated connection for leap applications or if able to fall more than 2'. This harness is intended to support a customer while attached to the belay loop on the front of the harness for fall restraint. The Dorsal if able to fall more than 2' - fall arrest. This harness was not intended for use in any SUPERMAN syle attachments or inverted attachments of ride customers.

Requirements

- These items are designed to connect the user to a suitable fall protection anchor to avoid or limit a fall, and may also allow for safe attachment to appropriate pulley used in zip line and canopy tours.
- Anchorage selected for personal fall arrest systems must be capable of sustaining a 5,000 lb. (22.2 kN) static load or twice the maximum arrest force permitted on the system.
- These items are designed for a single user unless otherwise specified.
- Lanyard connections to the harness must be approved connectors to the appropriate fall arrest attachments on the harness.
- Robertson Harness recommends a "before use" visual inspection and an annual examination of general condition and function be carried out and recorded by a qualified third party inspector.

Qualifications

- The Dorsal connection has been tested to and passed ANSI/ASSE Z359.11-2014 Safety Requirements for Full Body Harnesses.
- This product has been pull tested to 5000 lb. (22.24 kN)
- Complies to PRCA/ANSI 1.0-1.3 5000 lb. (MBS) minimum breaking strength
- Complies to ANSI Z359.1 required 5000lb. Breaking strength.
- Tested to ASTM F-1772 12.1.2 / 12.2.2 Standard specification for harnesses used in Rescue, Safety and Sport Activities.
- Qualifies ASTM F-1772 12.1.3 Full Body Harness
- Meets and exceeds CE qualifications and standards.

Robertson Harness Inc.

Proudly Made In The USA



Tested to : ANSI/ASSE Z359.11-2014
 Safety Requirements for
 Body Harnesses

CRC 600 Series w/ Adjustable Dorsal

- SM. # CRC601 Red - Up to 32" waist / 5'3" Max Height
- M/L. # CRC600 Blue - Up to 47" waist / 6'3" Max Height
- XL. # CRC602 Grey - Up to 56" waist / 6'11" Max Height

Maximum capacity of harness is 310 lbs. per

ANSI/ASSE Z359.11-2014

Users and Operators need to maintain a log of identifying the history record of the equipment.

Sample Maintenance and Inspection Log

Product Record Card			
Product Type:			
ID /Serial #:			
Purchase Date:		Date of 1st Use:	
Date Inspected	Pass/Fail	Comments	Signature

Inspection

- Inspect harness to ensure that it is in a serviceable condition.
- Check webbing for visible signs of wear and tear such as: wear, cuts burns, frayed edges, or other damage.
- Inspect to ensure that all buckles work properly and that they do not have any sharp edges, burrs, cracks, or corrosion.
- Inspect all stitching for abrasion, discoloration and wear to ensure integrity.
- Thoroughly inspect harness after any period of extended storage.
- Discontinue use of product if it has come in contact with any corrosive or caustic chemical agents such as acids, bleach, or petroleum products.
- Remove from service and destroy if the equipment has been exposed to flame or high temperatures.

Maintenance

- Protect and store the equipment from direct sunlight or extreme heat sources. Webbing should never be exposed to temperatures above 120° F (62° Celsius) or below -80° F. (Above 48° Celsius).
- Protect the equipment from nylon damaging chemicals such as acids, alkalis, oxidizing agents, petroleum products and bleach.
- Hand wash the harness in cool water with small amounts of mild soap. Rinse thoroughly to remove all soap residue. Failure to remove all the soap will leave webbing stiff and will need to rinsed again.
- Do not wash webbing in Woolite.
- Repairs or modifications made by anyone other than Robertson Harness Inc. will void all warranties and liability.

Service Life

- Please see the our Service Life documentation for more detail. CRC 600 Series have a Max (5) Year Service Life & (10) Year Lifecycle. With intermittent use, Service Life is defined in more detail in the Service Life Document. Call (970) 682-4470 with any questions.



WARNING

- Serious injury or death may result from misuse or improper use of this equipment.
- This equipment has been designed and manufactured for use by experienced professionals only.
- Do not attempt to use this equipment without proper training.
- Do not alter this equipment in any way.
- Do not use equipment on abrasive surfaces or around sharp objects.
- Do not store or use this nylon webbing near chemicals.
- Only connect to the Harness in the way the Manufacture designed/designated.
- Contact manufacturer before using in swing applications. Swing defined as a pendulum in motion from a fixed pivot point.
- This harness is equipped with a fall arrest indicator and label located just below the rear dorsal D-ring on the inside of the chest to the rear of the seat portions of the harness. The label reads REMOVE FROM SERVICE! If this label is present after a fall occurs, this harness must be immediately removed and retired from service



- This harness has an allowable stretch of 25 inches (63 cm). The user of this harness must have a safe working distance below them of at least 25 inches (63 cm).

Before Use

The techniques employed in the proper and safe use of this equipment may only be learned through *personal* instruction received from an instructor who is well-qualified in all phases of vertical rope work. Such instruction will include an evaluation of your comprehension of, and ability to perform the tasks required to safely and efficiently use this equipment. Never attempt its use until you have received such instructions and are believed competent by your instructor.

Donning and Fitting the Harness

First inspect the entire harness: See Maintenance, Service, Storage.

- **Step 1:** Locate the rear fall arrest D ring located on the rear of harness. Hold the harness up by this D ring and ensure the straps are not twisted.
- **Step 2:** Loosen all adjuster buckles by lifting up on the side tabs located on the front of the buckle. Adjuster buckles are located on the front of harness waist, on the legs, rear legs, Dorsal, shoulder straps, and chest strap. Unlace the chest strap.
- **Step 3:** Step in to the seat portion of the harness allowing the shoulder straps to hang to their prospective sides. Tighten the waist portion of the harness to be snug.
- **Step 4:** Pull the shoulder straps over your shoulders like putting on a vest. The D ring should be positioned between the shoulder blades. Lace the chest strap back through the camlockbuckle as pictured on the "warning label."
- **Step 5:** Make certain straps are not tangled and hang freely. Adjust all buckles to be snug starting with the leg straps, then waist, shoulders, and chest. Always adjust the harness from the legs working up the harness. It is not necessary to tie-off any adjuster buckles on this harness.

**Ensure when tightening Buckles you are tightening parallel to the direction of buckle.*

Labeling - Do Not Remove From Harness (located on rear waist)

WARNING! DO NOT REMOVE THIS LABEL

- Failure to follow these warnings increases the risk of injury or death.
- You are responsible for your own actions and decisions.
- Climbing, mountaineering and related activities are inherently dangerous. Special knowledge and training are required to use this product.
- See Manufacturer instructions before use.

CAUTION!

- Always inspect and know the maintenance, use, and history of your equipment.
- The use of "second hand" equipment is strongly discouraged.

Robertson HARNESS

970-682-4470

ANSI/ASSE Z359.11-2014
ASTM-F1772 12.1.2 / 12.2.2

WARNING!
Double-back webbing through buckle as shown leaving a minimum of a 3" tail

Front

Rear

CLASS III FULL BODY HARNESS
CAPACITY 310 LBS. NYLON WEB
MADE IN U.S.A.

MEETS: ANSI/ASSE Z359.11-2014
ASTM-F 1772

ALWAYS USE SELF-LOCKING SNAP LINKS FOR CONNECTION HARNESS

FOLLOW LIST BELOW FOR APPROPRIATE CONNECTION TO HARNESS:

A: FALL ARREST
D: SUSPENSION & DESCENT CONTROL
L: LADDER ACCESS (IF PRESENT)
P: WORK POSE TOWING (IF PRESENT)
R: RESCUE (IF PRESENT)

SEE INSTRUCTIONS FOR MORE DETAILS

DO NOT REMOVE THIS LABEL

GROUP

A D L P R

CLASS III FULL BODY HARNESS
CAPACITY 310 LBS. NYLON WEB
MADE IN U.S.A.

IN SERVICE DATE

19	20	21	22	23	24
J	F	M	A	M	J
J	A	S	O	N	D

INSPECTION LOG

USER IDENTIFICATION
MARK WITH PERMANENT MARKER

DO NOT REMOVE THIS LABEL

Class A
Fall Arrest

Class D Suspension
& Controlled Descent

Class E
Limited Access

Class L
Ladder Access

Class P
Work Positioning
- (See Instructions)

Robertson HARNESS

SIZE: XS S M L XL

HARNESS SERIES: GH CRC RC PRO OTHER

MANUFACTURE YEAR: 17 18 19 20 21 22 23 24 25 26

MANUFACTURE MONTH: J F M A M J J A S O N D

SERIAL NUMBER: _____

LOT NUMBER: _____

Made of Nylon Material
DO NOT REMOVE THIS LABEL

After a Fall

Harnesses which have been subject to forces involved in arresting a fall must be removed from service and destroyed.

Roll Out

When using a hook to connect to an anchor or when coupling components of a system together. Be certain accidental disengagement "ROLL OUT" cannot occur. Roll out occurs when a hook is snapped into an undersized ring or non-compatible shaped connector (D ring) causing the hook's gate or keeper to accidentally open and release. Self-locking and or self closing connection carabiners should be used to reduce the possibility of roll out. Do not attach two snap hooks onto one D ring.

