

DRD USER INFORMATION GUIDE



NOTICE! This User Information Guide is to be removed only by the user

A. Introduction

The DRD (Drag Rescue Device) is a component integrated within the protective coat which is solely intended to assist in pulling or dragging an incapacitated fire fighter. The DRD is not intended for vertical rescue operations where the incapacitated fire fighter would be raised or lowered.

Prior to using the DRD, follow all of the instructions contained in this User Information Guide and be trained in the proper use and limitations of the DRD.

The user should not modify, change, add to, mark, paint, or alter the DRD. Improper use or maintenance will shorten the useful life of the DRD and may result in serious bodily injury or death.

B. Pre-use

Ensure that the DRD is properly positioned between the outer shell and liner each time that you don your coat.

C. Installation

1. Inspect the DRD to ensure that it is in good condition.
2. Separate the coat liner from the outer shell.
3. Lay the DRD webbing on the outer shell with the hook tape facing down near the opening at the base of the collar (Fig. A). (Use the hook tape sewn on the opposite end of the seam). Ensure that the webbing is not twisted.
4. Insert the DRD webbing through the opening at the base of the collar and secure the hook tape to the loop tape on the exterior of the coat (the loop tape is located under the flap) (Fig. B).
5. Secure the second piece of hook tape to the loop tape located on the upper back of the outer shell, forming one large loop. Place the DRD webbing through the hook and loop tape stabilizing straps located in the shoulder area (Fig. C). Ensure that the webbing is not twisted.
6. Replace the liner by inserting the liner sleeves through the large loop (Fig. D). Secure the snaps at the wrists. The excess webbing should be pulled through the stabilizing straps to the center of the back, leaving only a small amount of ease under the arms (Fig. E)
7. Secure the snaps down the front facings and the hook and loop tape at the base of the collar.
8. Try the coat on for comfort and proper fit. If you feel tightness, check for twisting and adjust the webbing as necessary.



Fig. A



Fig. B



Fig. C



Fig. D



Fig. E

D. Use

1. Lift the flap located at or near the collar seam on the back of the coat.
2. Pull the DRD strap through the opening, avoiding contact with the hook tape on the exterior of the coat to prevent abrasion.
3. Secure a proper grip on the DRD strap.
4. Pull or drag the incapacitated fire fighter to safety.
5. Reinstall the DRD according to the instructions provided in the “Installation” section.
6. Training should include practice locating and securing the DRD strap with gloved hands and with limited visibility within ten seconds, and dragging a downed fire fighter for a distance of 8' 2”.

E. Inspection

The DRD must be thoroughly inspected upon receipt, after each use or cleaning, after exposure to high heat or chemicals, and after each deployment for at least the following conditions:

1. Soiling
2. Contamination from hazardous materials or biological agents
3. Rips, tears, cuts, holes, and abrasions
4. Thermal damage such as charring, burn holes, melting, or discoloration
5. Loss of seam integrity - broken, pulled, or missing stitches
6. Material integrity – UV light degradation, chemical degradation, discoloration, or broken/frayed fibers
7. Label integrity, legibility
8. Hook and loop tape functionality

If the DRD webbing or any components are found to be damaged, the coat should be removed from service and arrangements made for immediate repair or replacement of the DRD. See the “Retirement Considerations” section for disposition of DRDs removed from service.

F. Cleaning

1. Remove the DRD from the coat.
2. Hand wash with a mild liquid detergent and warm water. Rinse thoroughly.
DO NOT USE CHLORINE BLEACH.
3. Hang in a shaded area with good cross ventilation, or use a fan to circulate the air.
DO NOT HANG IN DIRECT SUNLIGHT OR FLUORESCENT LIGHT.
4. The coat and DRD should be completely dry before reinstallation.

G. Retirement Considerations

Your DRD should be retired when it is no longer serviceable or the cost of repairing it exceeds 50% of the replacement cost.

Retired DRDs should be destroyed to prevent unintended or unauthorized use.

Please call our Customer Service Department at 215-536-2991 x1 between the hours of 8:30 A.M. and 5:00 P.M. Eastern Time, Monday through Friday, should you require additional information. Alternatively, you may leave a message on our voice mail system during non-business hours, or send a facsimile or E-mail transmission to us at any time. Our fax number is 215-538-2164, and our E-mail address is info@quakersafety.com.

Quaker Safety Products Corporation
103 South Main Street | Quakertown, PA 18951-1119 | 215-536-2991 | Fax 215-538-2164
E-mail info@quakersafety.com
www.quakersafety.com