

# **WARNING!**

## **READ CAREFULLY!** **INSTRUCTION, CARE & MAINTENANCE GUIDE**

**541 & 546 Series**

### **Class II Fire Service Harness**

#### **Warning**

All employees/users of this device must be properly trained. It is the responsibility of the employer/department to provide training prior to use. Training must be performed by a qualified instructor who is knowledgeable in all aspects of the device including but not limited to proper adjustment, connection, wearing, deployment and inspection. If you need assistance finding a qualified instructor, please contact Gemtor.

You must read and fully understand all supplied instructions and information, or have all instructions and information explained to you, before attempting to use this equipment. Equipment must not be installed, operated or inspected by anyone who does not understand this Owner's Manual. Failure to observe these instructions could result in serious injury or death. Careless or improper use of this equipment can result in serious injury or death. This equipment is intended for use only by those who are thoroughly trained in its use and care.

Training and instruction review should be repeated at regular intervals. If you have any questions regarding these instructions or need additional copies, call Gemtor, Inc. at 1-800-405-9048.



**GEMTOR**<sup>TM</sup>

*... when your life is on the line*<sup>TM</sup>



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## I. IMPORTANT INFORMATION

Additional information regarding life safety harnesses can be found in NFPA 1500 and NFPA 1858 and NFPA 1983, incorporated in the 2022 edition of NFPA 2500.

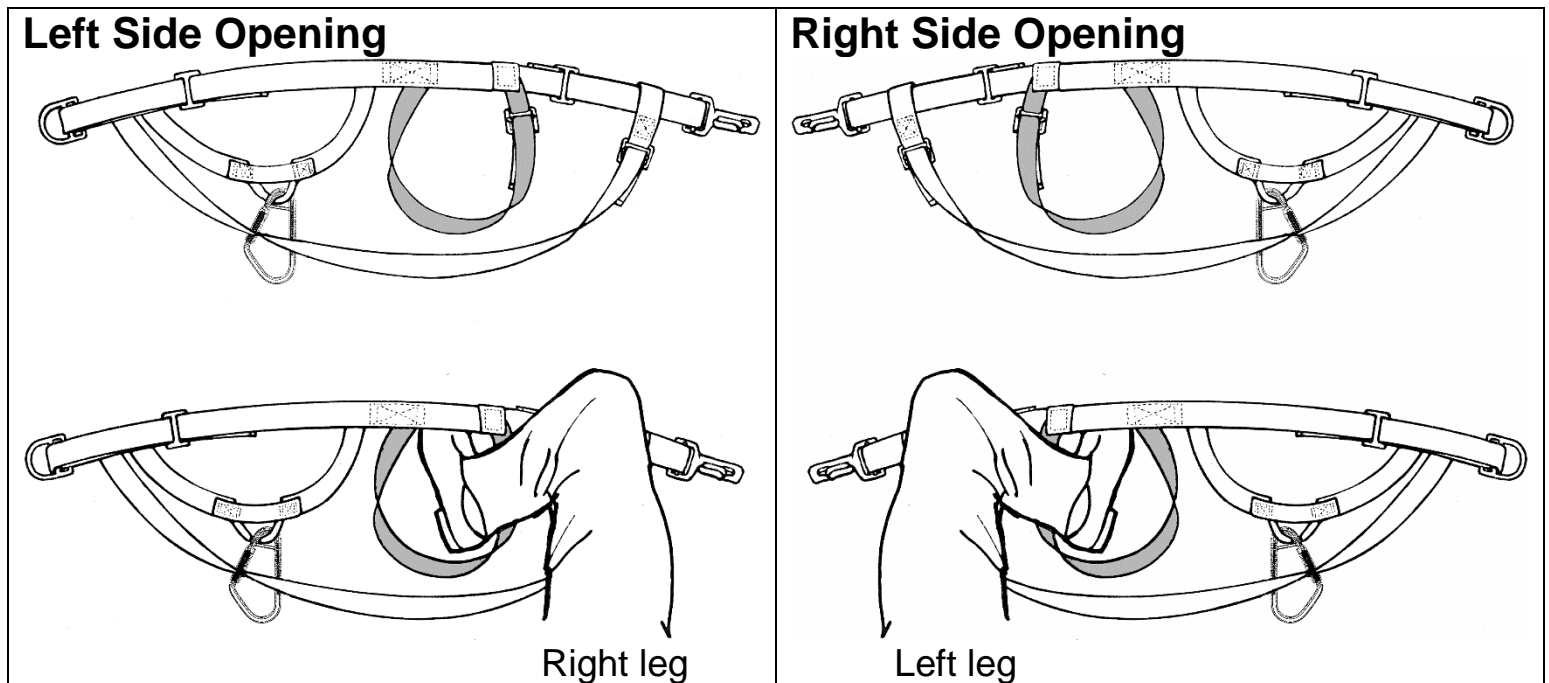
- Inspect the harness every month and before and after each use.
- Remove the harness from service and destroy it if the harness does not pass inspection or if there is any doubt about the safety or serviceability of the harness.
- **DO NOT** expose the harness to flame or high temperature
- Carry the harness where it will be protected, exposure to flame or high temperature may cause the harness to melt or burn and lead to failure.
- **DO NOT** attempt to use a harness that does not fit properly, replace it with the correct size.
- **DO NOT** attempt to repair or modify the harness. For prompt service, please contact: Gemtor, Inc.
- Keep all instructions/information supplied with the harness after it is separated from the original packaging in your personnel/training files.
- Make a copy of all supplied instructions/information and keep with the harness at all times.
- Refer to all supplied instructions/information before and after each use.

## II. CAUTIONS

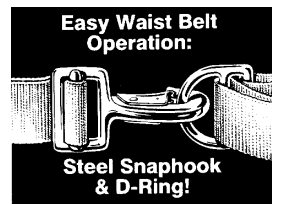
Items subjected to **FALL ARREST** or **IMPACT FORCES** must be immediately removed from service and destroyed. Any item showing **EXCESSIVE WEAR OR DETERIORATION** shall be destroyed. Inspect all equipment before each use. Failure to observe proper inspection and usage procedures could result in **INJURY** or **DEATH**.

**ENVIRONMENTAL HAZARDS** must be considered in selecting the appropriate equipment. Recommendations where chemicals, high temperature or other unusual conditions exist may be addressed to Gemtor, Inc.

### III. DONNING



1. Hold Harness in front of you, as shown above (i.e. D-ring in left hand, snaphook in right hand for left opening harness).
2. Place your leg through small blue strap loop (shaded, above). Make sure large blue loop is behind your leg (i.e. right leg through loop on left opening harness).
3. Pull harness up to waist. Bring snap hook around back and snap into D-ring. Adjust belt to waist size by pulling yellow adjustment straps near snaphook and D-ring through the adjusters. Note: the 546 series adjusts at the snaphook only, no front waist adjustment.
4. Pull down on the two blue cinch straps in rear (541 series) or front (546 series) to tighten leg straps.



### IV. INSPECTION

Users shall establish their own formal routine inspection according to prevailing conditions with a minimum of one formal inspection each month. Visual inspection is required before each use, for mildew, wear, frayed edges, damage and other deterioration. Defective components shall be removed from service and destroyed.

1. Buckles, D-rings, and snaphooks shall not be distorted, nor have any sharp edges, burrs, cracks, worn parts or corrosion. Make sure buckles work freely. The snaphook gate spring shall provide tension to keep the snaphook gate in a closed position; it shall close flat against the snaphook and exhibit no sideways movement or play.
2. All webbing shall be free of frayed or broken fiber, pulled stitches, tears, abrasions, mold, burns or discoloration.

**NOTE: THE PRECEDING INSPECTION PROCEDURES ARE A MINIMAL METHOD OF INSPECTION. THE INSPECTION PROCEDURE MUST REFLECT THE USE APPLICATION.**

## V. HOW TO CLEAN EQUIPMENT

Proper cleaning and storage of GEMTOR equipment will pay dividends in the form of added safety and longer product life. Take care that your storage area is clean and dry, and not exposed to damaging chemicals, fumes, or sunlight.

### NYLON WEBBING

1. Dampen sponge in plain water and wipe off all surface dirt.
2. Squeeze sponge dry.
3. Dip sponge in solution of water and mild detergent.
4. Rub down rope/webbing vigorously, working up a thick lather.
5. Wipe dry with clean cloth.
6. Hang away from heat to dry.

**If there any questions as to the correct use or application of any GEMTOR product, DO NOT USE, Call Toll-free 1-800-405-9048**

## VI. NFPA 1983/2500 COMPLIANCE

MEETS THE LIFE SAFETY HARNESS REQUIREMENTS OF NFPA 1983, INCORPORATED IN THE 2022 EDITION OF NFPA 2500, CLASS II.  
THIS HARNESS IS NOT FLAME-RESISTANT!



## VII. RECORD TO MAINTAIN

The purchaser or user of this harness shall maintain a record of at least the following information.

**Assigned to:**

| Model #         |                      | Date of Manufacture |                      |
|-----------------|----------------------|---------------------|----------------------|
| Serial#         |                      | Date of first use   |                      |
| Inspection Date | Condition & Comments | Action Taken        | Inspector's Initials |
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