

**USER INSTRUCTIONS**  
**SHORT-STOP®**  
**SELF RETRACTING LANYARD**

 **WARNING**

*National standards and state, provincial and federal laws require the user to be trained before using this product. Use this manual as part of a user safety training program that is appropriate for the user's occupation. These instructions must be provided to users before use of the product and retained for ready reference by the user. The user must read, and understand (or have explained), and heed all instructions, labels, markings and warnings supplied with this product and with those products intended for use in association with it. Please read instructions before using this product. No alterations should be made to the assembly or method of its use. If in any doubt about the use or serviceability of this lanyard, consult the manufacturer. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH.*

## **1.0 SPECIFICATIONS**

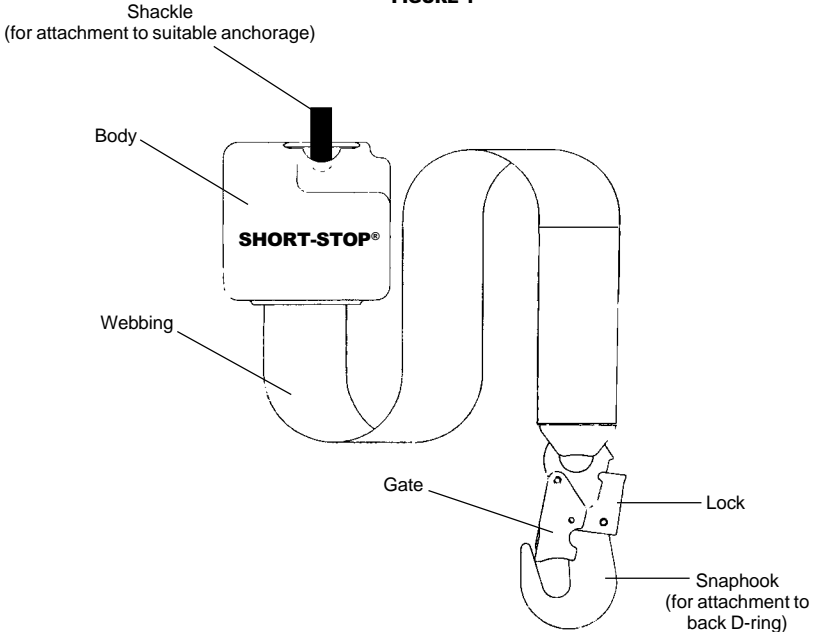
- The Rose Short-Stop self-retracting lanyard meets the requirements of OSHA and ANSI A10.14. Use only in conjunction with a compatible Rose Full Body Harness or equivalent body support system.
- The Short-Stop frame and shackle are steel with vinyl cover. Webbing is nylon, 1 3/4 in (44 mm) wide. Snaphook is aluminum with anodized finish.
- Minimum breaking strength, when new, is 3,000 lbf (13.3 kN).
- Capacity is one worker weighing 310 lbs (100 kg) including clothing, tools and other user-borne objects.
- When used as part of a compatible personal fall arrest system, the lanyard limits maximum arresting force to 1,800 lbf (8 kN) or less.
- Net weight is 2.0 lbs (0.6 kg).
- Always ensure that the recommendations for use of other components within a system as advised are complied with.

**! WARNINGS**

*This product is intended solely for use as personal protective equipment against falls from a height and must not be regarded as suitable for use under any other circumstances.*

- 1. Inspect the lanyard every time for use. Check condition of stitching, webbing, connectors and the retractor.*
- 2. Do not, under any circumstance, modify the lanyard. Alterations may render the lanyard ineffective.*
- 3. Webbing must never be allowed to rub against sharp surfaces or come into contact with acids.*
- 4. Lanyards that have been cut, frayed, damaged or used to arrest a fall must be withdrawn from use immediately and returned to the manufacturer for servicing or replacement.*
- 5. Do not use bleach, solvents, gasoline or dye as they will affect the performance of the webbing.*
- 6. Always use the lanyard correctly as instructed.*
- 7. Do not contaminate the lanyard with grease or gasoline.*
- 8. The lanyard must be replaced immediately should any doubt arise about the safety of its condition.*

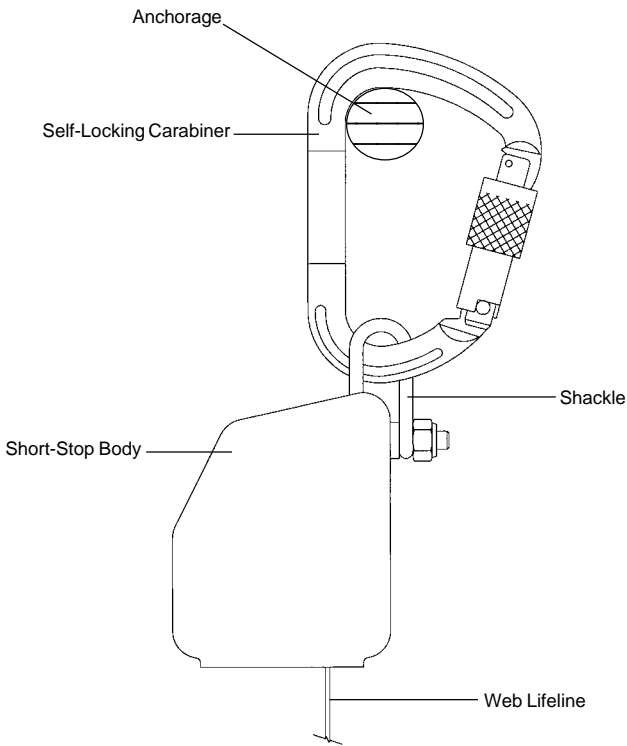
**FIGURE 1**



## 2.0 INSTALLATION REQUIREMENTS

Attach the Short-Stop to a suitable anchorage using a Rose self-closing, self-locking carabiner or equivalent connectors meeting ANSI A10.14. See Figure 2.

FIGURE 2



The anchorage of the fall arresting system must always be above the position of the user. As shown in Figure 3. The fixed overhead anchorage point must be capable of withstanding a minimum load of 5,000 lbf (22 kN). The fixed anchorage must accept the lanyard retractor end connector and allow complete freedom for the connector to swivel in any direction.

There must be minimum of 13 ft (2 m) clearance for free fall beneath the working position and a safe distance from electrical power lines, hazards or any other possible obstruction.

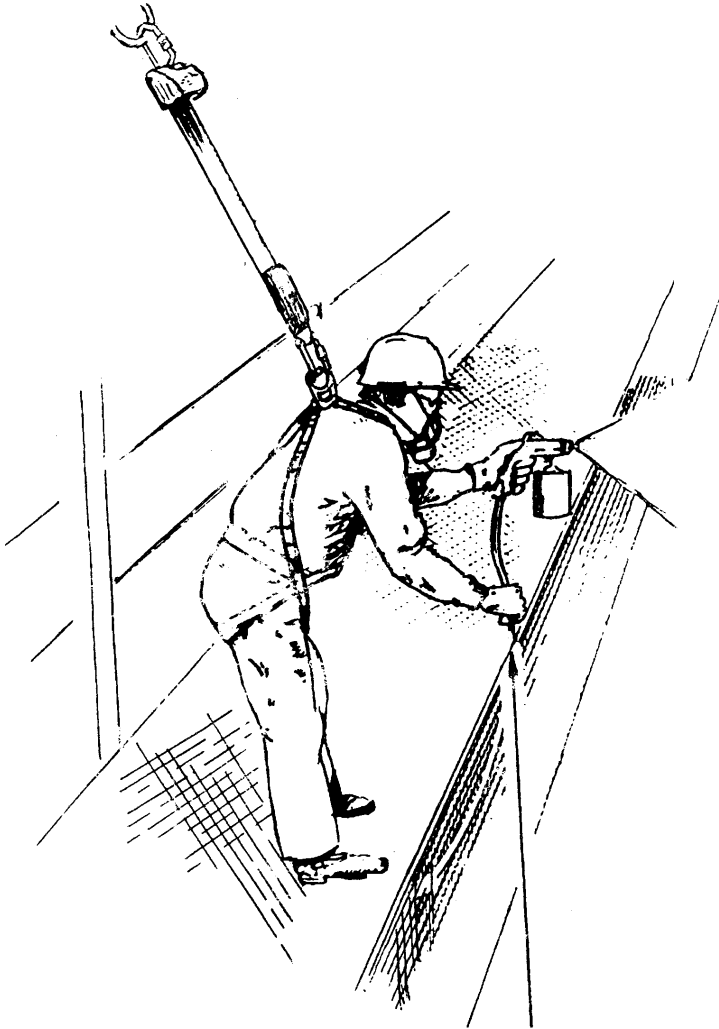
The user must have freedom of movement beneath the anchorage and the safe horizontal working area must be within 30 degrees of the vertical line.

### **3.0 INSPECTION REQUIREMENTS**

Before use, inspect the entire retractable lanyard assembly for any sign of damage, wear or malfunction.

1. Test the locking action of the retractor by steadily and sharply jerking on the webbing lanyard. Maintain the locked position and then release the tension to check that the webbing lanyard retracts back into the retractor assembly.
2. Pull out the entire length of webbing to inspect for any defects. Check condition of all stitching and webbing for any signs of fraying, chafing or unraveling.
3. Check that the energy absorber has not been disturbed and is still correctly packaged within its sleeve.
4. Check all connectors for correct function of the automatically locking latch gate.
5. Check all connectors for unacceptable wear at the hook section and the condition of the connector hole in the retractor frame.
6. Ensure that the webbing lanyard is withdrawn evenly into the retractor without any twists.

FIGURE 3



## 4.0 USING THE SHORT-STOP

- Before use, ensure that all recommendations for use of the full body harness are complied with.
- Connect the free end connector of the retractable lanyard assembly top the attachment element of the harness.
- Connect the retractor end connector of the retractable lanyard assembly to the reliable anchorage point with a Rose 5/8 in (10 mm) locking gate carabiner (not supplied).
- Never work above the fixed anchorage point.
- Guard against the danger of the pendulum or side swing fall by limiting your horizontal travel to 30 degrees from the vertical line of the overhead anchorage position.
- Twisting of the webbing lanyard must always be avoided. While working, consider the affects of your movement on your lanyards and don't let a twisted lanyard be withdrawn into the retractor.
- Never use the retractable lanyard as a restraint or positioning device.
- Avoid letting the lanyard become entwined beneath your arms or legs, or to cross over that of another user nearby.
- Avoid letting the lanyard webbing come into contact with rough surfaces or sharp edges likely to cause cuts or abrasions.
- The lanyard must always run directly from anchor point to harness with no obstruction or deviation.

## 5.0 STORAGE

Always regard the retractable lanyard assembly as an integral part of the fall arrest harness and treat and maintain it accordingly. When not in use, never leave the lanyard connected to and hung from an anchor point. Always return it to proper storage.

Store the device in a clean, dry area away from extremes of temperature. The retractable lanyard assembly should preferably be kept in a light tight carton or bag together with these User Instructions and the component record card.

## 6.0 MAINTENANCE

- The enclosed record card should be issued with and kept for each Short-Stop.
- Should the webbing material become wet, either when in use, or due to cleaning, it must be allowed to dry naturally, away from an open fire or other source of heat.
- The retractable lanyard assembly must be examined at least every 12 months by a competent person authorized by the manufacturer.
- It is recommended that the retractable lanyard assembly be replaced no later than 5 years from date of original purchase.

## 7.0 CLEANING

- Use only a mild detergent to clean webbing. All other parts should be kept clear of dirt as they cannot be dismantled for cleaning.
- Dry webbing naturally away from any source of heat.

## 8.0 INSPECTION GRID

Punch date of first use.

YR	J	F	M	A	M	J	J	A	S	O	N	D
1st												
2nd												
3rd												
4th												
5th												
6th												

**WARRANTY**

Express Warranty – Rose/MSA warrants that the product furnished is free from mechanical defects or faulty workmanship for a period of one (1) year from first use or eighteen (18) months from date of shipment, whichever occurs first, provided it is maintained and used in accordance with Rose/MSA's instructions and/or recommendations. Replacement parts and repairs are warranted for ninety (90) days from the date of repair of the product or sale of the replacement part, whichever occurs first. Rose/MSA shall be released from all obligations under this warranty in the event repairs or modifications are made by persons other than its own authorized service personnel or if the warranty claim results from misuse of the product. No agent, employee or representative of Rose/MSA may bind Rose/MSA to any affirmation, representation or modification of the warranty concerning the goods sold under this contract. Rose/MSA makes no warranty concerning components or accessories not manufactured by Rose/MSA, but will pass on to the Purchaser all warranties of manufacturers of such components. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, AND IS STRICTLY LIMITED TO THE TERMS HEREOF. ROSE/MSA SPECIFICALLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. For additional information please contact the Customer Service Department at 1-800-MSA-2222 (1-800-672-2222).

**ROSE MANUFACTURING COMPANY ■ 2250 SOUTH TEJON STREET  
ENGLEWOOD ■ COLORADO ■ 80110-1000 ■ USA  
TEL. (303) 922-6246 ■ TOLL FREE (800) 722-1231 ■ FAX (303) 934-9960**

**Short-Stop® is a trademark of Rose Manufacturing Company.**